

May 1, 2010

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Halifax, NS B3J 2X4

Dear Corinne,

**RE: Canadian Operational Research Society  
2010 Membership Survey Results**

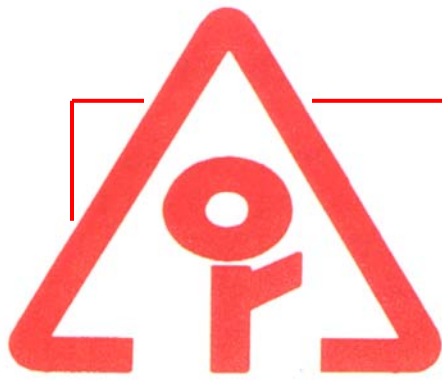
I am pleased to submit for the consideration of CORS Council a report from the Recruitment and Retention Committee which documents the results of the 2010 Membership Survey undertaken on behalf of CORS Council from February 10 – March 31, 2010. The report provides Council with the information needed to identify areas where changes may be required to provide better products and services to its current members to enhance retention or identify initiatives that could be undertaken to attain new members.

This report reveals that overall, the membership is satisfied with products and the level of service offered by the Society, believe they get good value from their membership, and that membership fees are in keeping with the benefits and level of service provided. With an overall response rate of 35% there is a level of confidence that the results of the survey are generally indicative of member attitudes and provide a reliable basis upon which CORS Council can move forward. Future directions and suggestions in this regard are provided in the Executive Summary.

Yours truly,



Chair, Membership Recruitment and Retention Committee



# **CORS-SCRO 2010 Membership Survey Results**

**Canadian Operational  
Research Society**

**Société Canadienne  
de Recherche  
Opérationnelle**

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## *Introduction*

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This report presents the results of the CORS Membership Survey conducted from February 10, 2010 to March 31, 2010. The survey was undertaken to obtain feedback on whether the Society is meeting the expectations of its members and on whether membership in the Society retains its value. The findings will help CORS Council assess the effectiveness of the Society in carrying out its mandate of advancing the theory and practice of Operational Research in Canada as well as identify areas where policy initiatives or changes may be required to provide better services to enhance membership retention and recruitment. With an overall response rate of 35% there is a level of confidence that the results of the survey are generally indicative of member attitudes and provide a reliable basis upon which CORS Council can move forward.

The report is divided into five main sections: the Executive Summary, a description of the survey process; a detailed analysis of the survey results; a discussion of possible future directions, and lastly, the Appendices containing all supporting documentation.

A frequently used term when analyzing the survey's results is *rating average*. The rating average is a weighted average calculated on the basis of assigning weights to the rating scale choices for example 5 (Strongly Agree), 4 (Agree) 3 (Neutral) 2 (Disagree) 1 (Strongly Disagree) and 0 (No Opinion). The specific numbers in and of themselves are not critical, rather they should be interpreted as the higher the rating average, the more people agreed with the positive side of the ranking than the negative side.

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## *Executive Summary*

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- The membership survey was designed and implemented using the web-based survey tool SurveyMonkey.
- On February 10, 2010 the survey was distributed to the membership: 408 via the ListServ and 6 by surface mail. The survey closed March 31, 2010.
- A total of 144 members completed the survey representing an overall response rate of 35%. The number of people completing the English version of the survey was 135; nine individuals completed the French version. For the purpose of analysis, all survey results were combined.
- Respondents identified the following products and benefits as Very Important: the CORS Annual Conference, both categories of the Student Paper Competition, and Graduate Student funding opportunities to attend conferences. CORS Council should, therefore, identify updating and upgrading the application forms associated with the competition and funding programs as a priority especially given the technical glitches currently being experienced with the existing forms.
- With the exception of Local Section Activities and the CORS Diploma which were considered to be only Somewhat Important, all of the other listed benefits (e.g. INFOR, the Bulletin, Membership Directory, CORS ListServ, Traveling Speakers Program, and the Discounted Conference Fee) were deemed to be Important to the membership. However, when considering the importance of the Solandt Award and the Larnder Award, most respondents offered No Opinion.
- The relatively lower rating averages for the various CORS Awards (excepting the Practice Prize), the CORS Diploma, and the Student Simulation Competition indicate that while

supported these products are of less importance to the membership.

- Most respondents deemed the products offered by CORS as Good, the exception being Local Section Meetings for which most indicated they had No Opinion.
- The relatively high rating average for the INFOR Journal, the CORS Conference, and the Bulletin indicates a high level of satisfaction for these products whereas a low average for Local Section Meetings, Networking Opportunities and Discounted Conference Fees reveals that some improvement in these areas is desired.
- Most French respondents had No Opinion on the quality of the CORS Annual Conference, Local Section Meetings, Networking Opportunities, the CORS ListServ and Discounted Conference Fees. However, 100% of French respondents thought INFOR was either Excellent or Good. A possible explanation is that INFOR is one of few OR journals publishing in French.
- Over 30 respondents provided specific comments identifying concerns and/or suggestions for the improvement of the Society's publications and products. Two over-riding themes of the remarks were that both CORS publications need to provide more useful, practical information for practitioners, non-academics and new graduates and that many Local Sections were not active thereby limiting networking opportunities.
- When responding to the question aimed at determining the membership's level of satisfaction with how CORS Awards, competitions and programs are managed, most respondents in all instances answered No Opinion perhaps reflecting a general unfamiliarity with these processes.
- From the responses provided to the open-ended question on how various CORS Awards and programs could be improved it is apparent that respondents are not only unfamiliar with how these are managed but in some instances unfamiliar with the programs themselves. Proactively promoting these programs and membership benefits to the appropriate target groups appears to be warranted. The specific survey results falling within the purview of the Education Chair should be referred to him for further review and investigation. Particular attention should be given to identifying potential outreach opportunities to OR undergraduate and graduate students and investigate the most effective means of increasing the awareness of students to the Student Paper Competitions, Conference funding programs, the Student Simulation Competition, and the CORS Diploma. The effectiveness of using the ListServ, the website, and the Bulletin as means of alerting the membership to these opportunities, and the form/content of the announcements, should also be examined. Additionally, in consultation with the Practice Prize Chair, the Public Relations Chair should proactively promote CORS and the Practice Prize Competition to non-academic OR practitioners and businesses.
- There appears to be a need to increase the awareness of the membership, and perhaps the community at large, to the various CORS Awards (Lardner, Solandt, Merit, and Service). Publicizing the awards and their recipients more broadly should be explored.
- Fifty-six percent (56%) of respondents indicated Pride and Loyalty to the OR Community as one of their top three reasons for joining the Society, followed by Networking Opportunities (40.6%) and Professional Development (39.1%).
- While in the combined survey results only 26% of the respondents indicated the INFOR Journal Subscription as one of their reasons for joining CORS, the actual figure for French respondents was 63% and only 24% among English respondents.
- Despite being acknowledged as important to respondents in Question 1, such tangible benefits of membership as the Membership Directory, the CORS ListServ, the INFOR Journal, and the Bulletin are not identified by most as the reason prompting them to join the

Society. This would seem to indicate that efforts to recruit new members to the Society should focus on promoting the professional stature of CORS, increasing the opportunities for interaction among OR practitioners and improving the opportunities for Professional Development.

- Student survey respondents most frequently identified Professional Development as one of their top three reasons for joining CORS (46%). Other top reasons for joining were to take advantage of the Discounted Conference Fee, Networking Opportunities, and obtaining the CORS Diploma, each with a rating of 40%.
- Of the listed potential initiatives the one with the highest rating average, indicating the most positive response, was offering a dual membership with INFORMS. Almost 38% of respondents were Very Interested and 33.3% Interested in this suggestion. Investigating whether INFORMS would be receptive to this idea as well as the specifics of its implementation is something CORS Council may wish to pursue.
- The membership appears to be receptive to the idea of establishing Special Interest Groups within the Society with 32.8% of respondents indicating they were Interested and another 24.1% Very Interested. Further investigation of the merits of implementing this initiative is warranted.
- Receiving a fair level of support were including interviews, profiles, and features on careers, OR programs, and practitioners in the Bulletin and listing a member's area of interest in the Membership Directory. The Editor of the Bulletin should be advised that that the membership wants future issues of the Bulletin to include feature articles highlighting non-academic OR pursuits; interviews, profiles, and features on careers, OR programs, and practitioners; and generally more useful, professional development information for practitioners, non-academics and new graduates. Additionally, future efforts to update the Membership Directory should consider including the opportunity for members to identify their area of interest on their entry if they so desire.
- Two initiatives, establishing a CORS LinkedIn Group and Establishing New Awards to recognize mid-career professionals, received low rating averages (2.04 and 2.44 respectively) indicating that generally respondents were less interested in pursuing their implementation.
- Respondents were pleased with the level of service offered by CORS at what is seen as a reasonable cost. Whether respondents would be willing to pay more to sustain CORS activities is not clearly evident given the number of Neutral responses to the statement.
- To assess the receptiveness of the membership to conducting business electronically, statements to ascertain contact preference were included in this question. While most respondents replied that they were Neutral on receiving official correspondence by surface mail as well as Neutral on whether all correspondence should be conducted electronically, the rating average on these statements reveal that respondents were more inclined to disagree with the necessity of using surface mail (2.46) and agree with electronic contact (3.39). These findings provide CORS Council with the basis upon which to propose changes to the Constitution, as part of its current review process, facilitating the use of electronic communication with the membership on official matters and to investigate further with its Membership Services provider the implementation of electronic invoicing and electronic voting. In consultation with the Secretary and the Membership Chair, the CORS Membership Services provider should investigate and report to CORS Council on appropriate procedures for the implementation of electronic invoicing and electronic voting.
- Respondents were inclined not to agree that their local section offers a satisfactory number of opportunities for interacting and networking with colleagues. There seems to be, however, a general willingness on the part of respondents to participate in section activities if the

opportunity were provided. Society Liaison Officers should work with Local Section Presidents with the aim to explore how to best fulfil the objective of providing opportunities for members to interact and network with colleagues as well as for professional development. Members should encourage their non-member peers to attend such events and to join the Society. Promoting CORS when attending seminars and conferences should also become a higher priority.

- With one of the highest rating average of the survey (4.17) respondents indicate that they intend to remain a member of the Society for the foreseeable future. Of the 19 respondents who indicated that they did not foresee renewing their memberships the reason most cited was that their reasons for joining have been satisfied.
- Responses were garnered from across the country; from every Local Section except Winnipeg. Respondents from that section, however, may have opted to skip the question or answer 'Don't wish to reveal' to maintain anonymity. The findings are, therefore, generally indicative of member attitudes and representative of the broad membership. Local Section Presidents should be made aware that the survey results can be filtered by Section and are available upon request. An analysis at this level could provide Local Section executives with some insight into the mind set of their membership.
- In addition to their CORS membership, almost 90% of survey respondents also hold a membership in the Institute for Operations Research and the Management Sciences (INFORMS).
- Respondents were predominantly academics with 62% employed in academia. Almost 14% of the respondents were employed in Industry and 12.9% identified themselves as students. Government and Consulting accounted for a further 10% and 6% respectively. Retirees participated at a rate of 4%.
- The most often cited area of interest of respondents was Optimization (39.5%), followed by Supply Chain Management (30.7%), Decision Analysis (26.3%) and Operations Management (25.4%).

In conclusion, respondents were satisfied with products and the level of service offered by the Society, believe they get good value from their membership, and that membership fees are in keeping with the benefits and level of service provided. Pride and loyalty to the Canadian OR community, professional development, and the networking opportunities a CORS membership provides are the key reasons cited for joining the Society and most respondents intend to retain their memberships for the foreseeable future. Despite being generally satisfied with the quality of the Society's products and services, the open-ended questions and comment sections of the survey provided respondents with opportunity to directly express concerns and/or identify suggestions for their improvement. Over-riding themes of the submitted remarks are that both the Journal INFOR and the CORS Bulletin need to provide more useful, practical information for practitioners, non-academics and new graduates and that more needs to be done to proactively promote the professional organization stature of CORS; to increase the opportunities for interaction among OR practitioners, and to provide more events to enhance Professional Development. For a concise presentation of the Future Directions included in this Executive Summary go to page 37.



### **Background**

While fulfilling his responsibilities as the 2007-2008 Membership Committee Chair, René Seguin observed that many OR academics and practitioners are not CORS members. In response, at its meeting on September 19, 2008, CORS Council struck a Membership Recruitment and Retention Committee, Chaired by Fazle Baki. The mandate of the Committee was to investigate why some operational researchers choose not to join the Society; why some members only retain their memberships for a few years; and whether current members find value in their membership. The outcome of the Committee's efforts would be to provide CORS Council with the information needed to identify areas where changes may be required to provide better products and services to its current members to enhance retention or identify initiatives that could be undertaken to attain new members.

After meeting on two occasions to discuss possible approaches, the Committee recommended to Council that a survey of the membership would be an appropriate means of proceeding. At its November 28, 2008 meeting the following Action Item was identified:

***Action Item:** The membership committee will get together to finalize the membership survey and then send it to council for review.*

In June 2009, Taraneh Sowlati assumed responsibility of the Committee as its Chair. A newly constituted Committee met in October 2009 to finalize the survey and to develop an approach for its implementation. On the November 27, 2009 Council approved the following motions:

***Motion:** That the membership survey presented by the Membership Recruitment and Retention Committee, as amended, be sent to all CORS members. (Simms, Ingolfsson).*

***Motion:** That CORS subscribes to Survey Monkey for 6 months for the purposes of conducting the membership survey. (Sowlati, Simms).*

Subsequent revisions to the survey necessitated that the Committee present a final version of the survey for their approval and on January 23, 2010 Council the following motion was adopted:

***Motion:** The council approves the design of the membership survey, and the plan for rolling out the survey to CORS members. (Sowlati, Quan). Approved.*

### **Survey Implementation**

The membership survey was implemented using the web-based survey tool SurveyMonkey. This tool provided the means to design the survey, collect anonymous responses, analyze the results and download survey data. A copy of the English 2010 Membership Survey can be found in Appendix A; the French version in Appendix B.

On February 10, 2010 a message was sent to the membership (408) via the CORS ListServ announcing the undertaking of the survey and providing the URL to access the survey. A hard copy of the message was mailed to 6 members with unknown email addresses. Reminder

messages encouraging members to complete the survey were subsequently sent on February 22, March 15, and March 31. The closing date for the survey was March 31, 2010. The various survey ListServ messages are provided in Appendix C.

### *Survey Response*

A total of 144 members completed the survey representing an overall response rate of 35%. The number of people completing the English version of the survey was 135; nine individuals completed the French version. The response rate exceeded expectations and was significantly higher than the 30 responses returned in response to a survey undertaken in 1999. On the basis of the high response rate there is a level of confidence that the results are generally indicative of member attitudes and provide a reliable basis upon which CORS Council can move forward.

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### *Survey Results and Analysis*

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A summary analysis of the English survey results downloaded from SurveyMonkey can be found in Appendix D; the French in Appendix E. For the purpose of analysis, all survey results were combined. In those instances, however, where notable differences between French and English respondents are observed, they have been reported. For those interested in a historical perspective, the results of a previous survey conducted in 1999 are included in Appendix F.

A frequently used term when analyzing the survey's results is *rating average*. The rating average is a weighted average and is used to indicate how, on average, people responded to the question. It was calculated as follows. For each rating scale question, the rating scale choice (column header) was assigned a default weight from five to zero, for example 5 (Strongly Agree), 4 (Agree) 3 (Neutral) 2 (Disagree) 1 (Strongly Disagree) and 0 (No Opinion). The assigned values used for each question are footnoted on the Table summarizing the question's results. The assigned weights were then multiplied by the respondent count of those that picked that rating and totalled across the row. This weighted value calculation was then divided by the number of respondents to the question. The specific numbers in and of themselves are not critical, rather they should be interpreted as the higher the rating average, the more people agreed with the positive side of the ranking than the negative side.

#### *Question 1: Rate each product and benefit listed below by its importance to you.*

The purpose of Question 1 was to ascertain which products and benefits offered by CORS were valued by members. Table 1 presents the individual response counts, the percentage distribution of responses, and the average rating for each benefit/product identified in Question 1. The Table reveals that the following were identified as Very Important by respondents: the CORS Annual Conference, both categories of the Student Paper Competition, and Graduate Student funding opportunities to attend conferences. With the exception of Local Section Activities and the CORS Diploma which were considered to be only Somewhat Important, all of the other listed benefits were deemed to be Important to the membership. When considering the importance of the Solandt Award and the Larnder Award, most respondents offered No Opinion.

Products with relatively lower rating averages were the various CORS Awards (excepting the Practice Prize), the CORS Diploma, and the Student Simulation Competition.

It is interesting to note that in contrast to the amalgamated results, most of the French survey respondents considered the CORS Annual Conference to be only Somewhat Important, the CORS Diploma to be Important, Local Sections to be Not Important and offered No Opinion on the ListServ, and the Simulation Competition.

The results for Question 1 are presented graphically in Graph 1.

Question 2: Rate each product for its quality.

Most respondents deemed the products offered by CORS as Good, the exception being Local Section Meetings for which most indicated they had No Opinion. The relatively high rating average for the INFOR Journal, the CORS Conference, and the Bulletin indicates a high level of satisfaction for these products whereas a low average for Local Section Meetings, Networking Opportunities and Discounted Conference Fees reveals that some improvement in these areas is desired.

Notable differences between French and English respondents are that most French respondents had No Opinion on the quality of the CORS Annual Conference, Local Section Meetings, Networking Opportunities, the CORS ListServ and Discounted Conference Fees. However, 100% of French respondents thought INFOR was either Excellent or Good. A possible explanation is that INFOR is one of few OR journals publishing in French.

The results for Question 2 are presented graphically in Graph 2.

Question 3: If you have indicated a product needs improvement or significant improvement, provide details of its shortcomings and how they could be addressed in the space provided below.

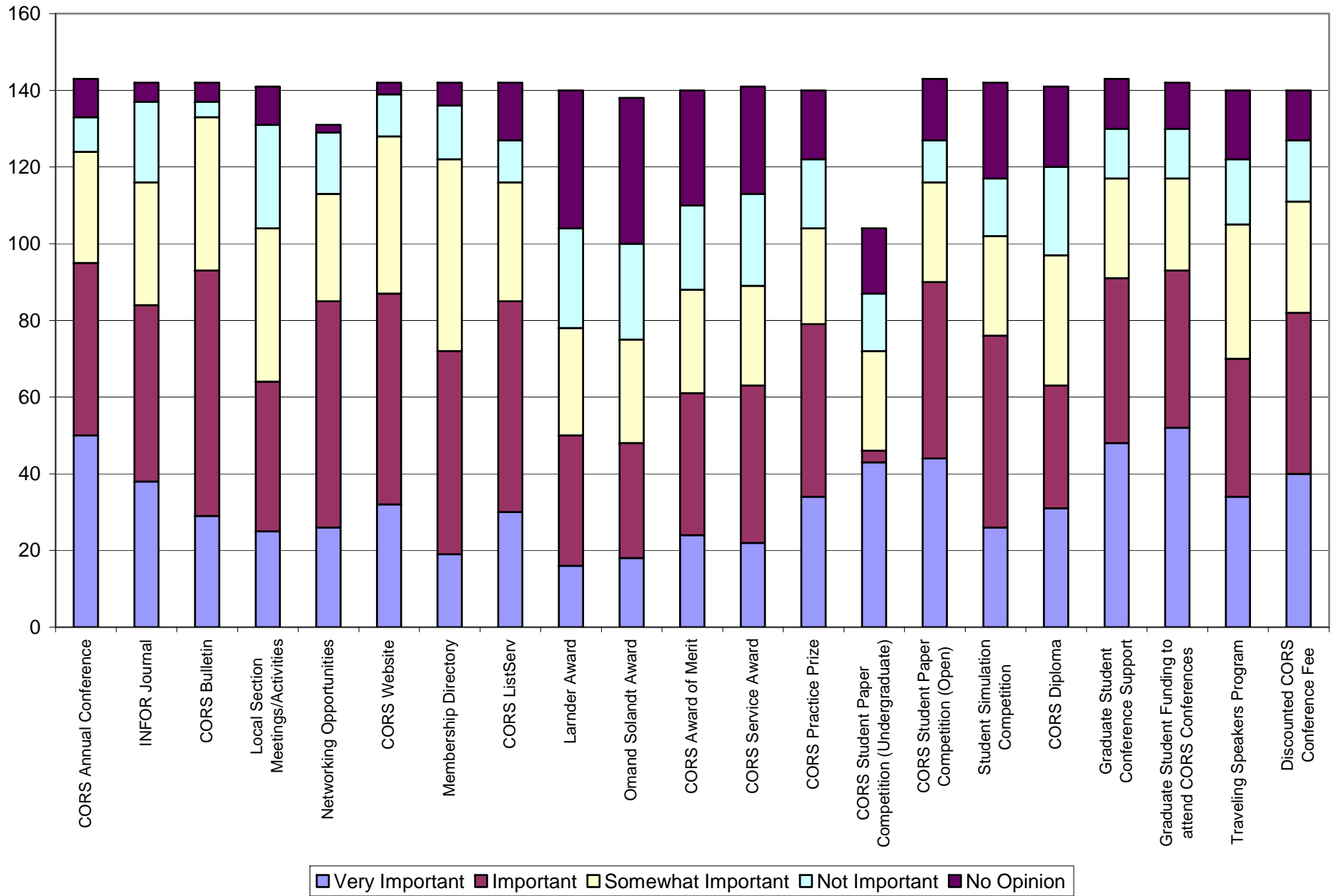
Despite being generally satisfied with the overall quality of the Society's publications and products, over 30 respondents provided specific comments identifying concerns and or suggestions for their improvement. These comments, in their entirety, are provided below. Two over-riding themes of the remarks were that both CORS publications need to provide more useful, practical information for practitioners, non-academics and new graduates and that many Local Sections were not active thereby limiting networking opportunities

**Table 1: The Importance of Various CORS Products and Benefits to Respondents (Question 1)**

Product/Benefit	Very Important		Important		Somewhat Important		Not Important		No Opinion		Responses		Rating Average <sup>1</sup>
	#	%	#	%	#	%	#	%	#	%	#	%	
CORS Annual Conference	50	35.0	45	31.5	29	20.3	9	6.3	10	7.0	143	100	3.68
INFOR Journal	38	26.8	46	32.4	32	22.5	21	14.8	5	3.5	142	100	3.46
CORS Bulletin	29	20.4	64	45.1	40	28.2	4	2.8	5	3.5	142	100	3.70
Local Section Meetings/Activities	25	17.7	39	27.7	40	28.4	27	19.1	10	7.1	141	100	3.04
Networking Opportunities	26	19.8	59	45.0	28	21.4	16	12.2	2	1.5	131	100	3.56
CORS Website	32	22.5	55	38.7	41	28.9	11	7.7	3	2.1	142	100	3.62
Membership Directory	19	13.4	53	37.3	50	35.2	14	9.9	6	4.2	142	100	3.32
CORS ListServ	30	21.1	55	38.7	31	21.8	11	7.7	15	10.6	142	100	3.34
Larnder Award	16	11.4	34	24.3	28	20.0	26	18.6	36	25.7	140	100	2.33
Omand Solandt Award	18	13.0	30	21.7	27	19.6	25	18.1	38	27.5	138	100	2.29
CORS Award of Merit	24	17.1	37	26.4	27	19.3	22	15.7	30	21.4	140	100	2.65
CORS Service Award	22	15.6	41	29.1	26	18.4	24	17.0	28	19.9	141	100	2.67
CORS Practice Prize	34	24.3	45	32.1	25	17.9	18	12.9	18	12.9	140	100	3.16
CORS Student Paper Competition (Undergraduate)	43	41.3	3	2.9	26	25.0	15	14.4	17	16.3	104	100	3.08
CORS Student Paper Competition (Open)	44	30.8	46	32.2	26	18.2	11	7.7	16	11.2	143	100	3.45
Student Simulation Competition	26	18.3	50	35.2	26	18.3	15	10.6	25	17.6	142	100	2.98
CORS Diploma	31	22.0	32	22.7	34	24.1	23	16.3	21	14.9	141	100	2.89
Graduate Student Conference Support	48	33.6	43	30.1	26	18.2	13	9.1	13	9.1	143	100	3.52
Graduate Student Funding for CORS Conferences	52	36.6	41	28.9	24	16.9	13	9.2	12	8.5	142	100	3.58
Traveling Speakers Program	34	24.3	36	25.7	35	25.0	17	12.1	18	12.9	140	100	3.11
Discounted CORS Conference Fee	40	28.6	42	30.0	29	20.7	16	11.4	13	9.3	140	100	3.36

1. The rating average is a weighted average per row based on assigned default weights for each response option. The weights used in calculating the rating average for this question were: Very Important (5), Important (4), Somewhat Important (3), Not Important (1), No Opinion (0)

**Graph 1: The Importance of Various CORS Products and Benefits to Respondents (Question 1)**



### *CORS Conference*

- For the conference I feel that the percentage of talks given by students is increasing. They are very desirable, but we also need to hear from faculty researchers.
- Increase the discounted fee.
- The conference this year looks to me much smaller and less relevant to me and many of my colleagues. Why does it look like half of a CORS conference? I am disappointed and probably will not attend this year.

### *INFOR Journal*

- INFOR Journal - This too advanced for me! As a retired member, can I save CORS some money by declining this journal?
- Some comments with regards to INFOR.  
I am very happy that INFOR now has a much more polished and professional look than a few years ago. In fact, in the past, I have not considered publishing in INFOR, because it did not look very professional and it was not available electronically. I noticed that INFOR is now indexed in MathSciNet, but only going back to 2004. Not sure if there are any plans to go back further, but in my opinion, we should get all issues indexed. It is an important part of the society's history. On that score, the same goes for electronic copies of past journals. They are available via "EBSCOhost Business Source Premier", but only if your academic institution subscribes to it. The quality of the scans is bad to reasonable. Why don't we team up with JSTOR, which has a much better quality and provides linking and searches. The English OR-society has done this, so why can't we? I raised the question at a conference general meeting, but never got a satisfactory answer. I would very much like a policy statement/intent on what to do with our history in terms of past issues of INFOR and making that available to our members and the general scientific community in a high quality format. This can only increase the profile of our organisation.
- INFOR needs to jump into a type "B" journal, i.e. second to the INFORMS journals. "High quality" Canadian submissions should be encouraged. A change of name may/should be considered for the future.
- I think we really need to think about INFOR, it is usually the last choice for a submission and is not highly regarded by promotion and tenure committees.
- The journal needs rebranding.
- INFOR Journal is far too academic and theoretical. Articles by practitioners on applications should be prominent - not just academics. Example: INFORMS "Interfaces".
- Make sure INFOR is published on time or it will die.
- INFOR needs to have more practical content. This could be lessons learnt by practitioners, and more about the interaction with clients. It should cover the discovery of non-technical aspects of problems and advice on how to deal with the non-quantitative challenges (finding critical aspects of a project). This would be something like the Gene Woolsey column - "down home" philosophy, that sort of thing. Right now INFOR seems to be written by mathematicians for mathematicians, and there is so much more to the

**Table 2: How Respondents Rated the Quality of Various CORS Products and Benefits (Question 2)**

Product/Benefit	Excellent		Good		Satisfactory		Needs Improvement		Needs Significant Improvement		No Opinion		Responses		Rating Average <sup>2</sup>
	#	%	#	%	#	%	#	%	#	%	#	%	#	%	
CORS Annual Conference	35	24.8	66	46.8	14	9.9	0	0.0	0	0.0	26	18.4	141	100	3.41
INFOR Journal	30	21.6	59	42.4	30	21.6	6	4.3	5	3.6	9	6.5	139	100	3.55
CORS Bulletin	26	18.6	70	50.0	27	19.3	7	5.0	2	1.4	8	5.7	140	100	3.62
Local Section Meetings/Activities	11	8.0	31	22.5	17	12.3	16	11.6	10	7.2	53	38.4	138	100	1.97
Networking Opportunities	11	7.9	40	28.6	37	26.4	12	8.6	5	3.6	35	25.0	140	100	2.54
CORS Website	19	13.6	49	35.0	43	30.7	9	6.4	1	0.7	19	13.6	140	100	3.14
Membership Directory	17	12.1	50	35.7	32	22.9	7	5.0	1	0.7	33	23.6	140	100	2.83
CORS ListServ	21	15.2	61	44.2	24	17.4	2	1.4	0	0.0	30	21.7	138	100	3.08
Discounted CORS Conference Fee	14	10.1	51	36.7	25	18.0	3	2.2	0	0.0	46	33.1	139	100	2.55

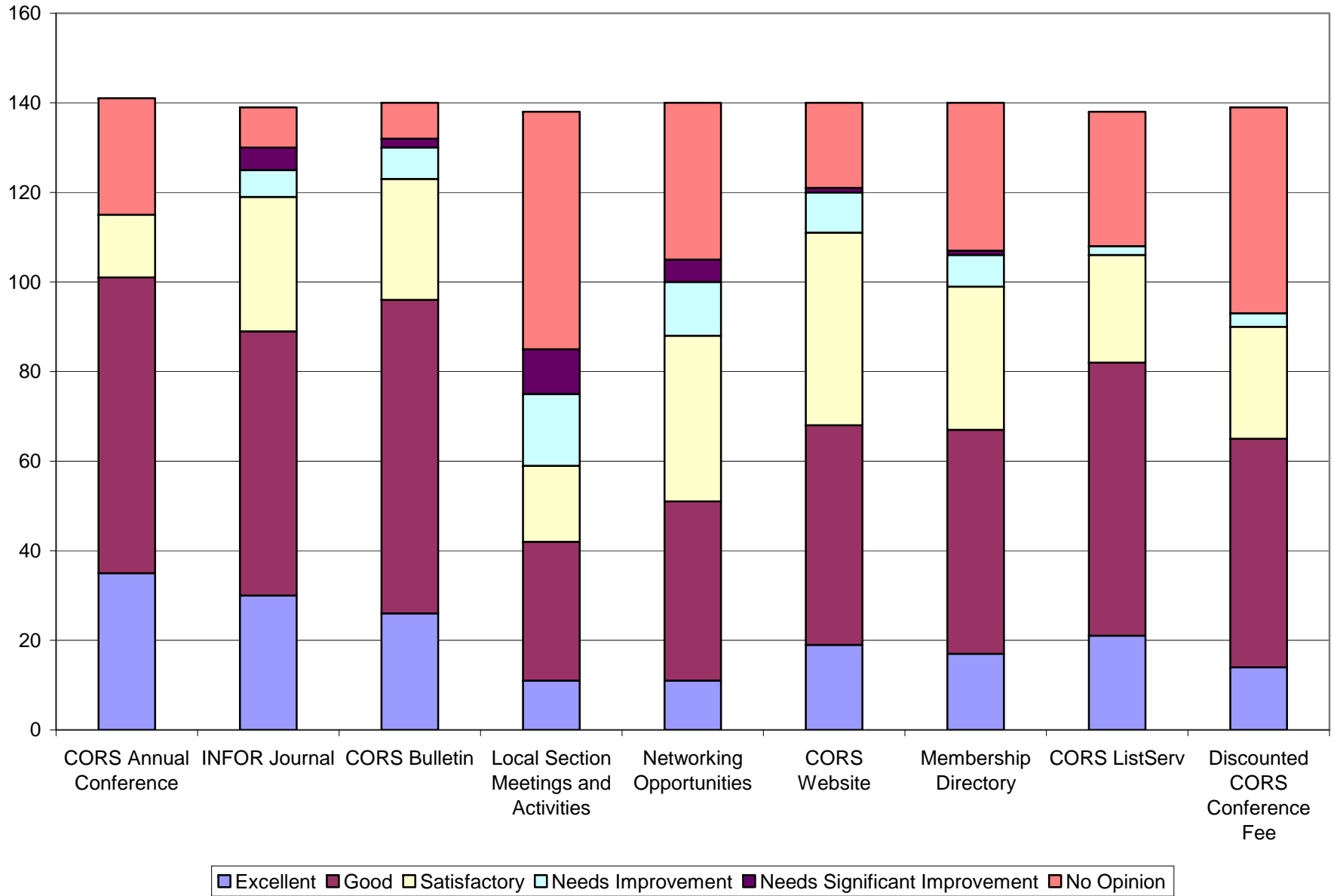
**Table 3: The Level of Satisfaction with How Various CORS Awards, Competitions and Programs are Managed (Question 4)**

Award/Competition/Program	Very Satisfied		Satisfied		Neutral		Dissatisfied		Very Dissatisfied		No Opinion		Responses		Rating Average <sup>3</sup>
	#	%	#	%	#	%	#	%	#	%	#	%	#	%	
Larnder Award	16	11.7	33	24.1	19	13.9	1	0.7	0	0.0	68	49.6	137	100	1.98
Omand Solandt Award	15	10.9	30	21.9	20	14.6	1	0.7	0	0.0	71	51.8	137	100	1.88
CORS Award of Merit	18	13.2	34	25.0	17	12.5	1	0.7	0	0.0	66	48.5	136	100	2.04
CORS Service Award	16	11.7	41	29.9	16	11.7	0	0.0	0	0.0	64	46.7	137	100	2.13
CORS Practice Prize	18	13.1	38	27.7	18	13.1	1	0.7	0	0.0	62	45.3	137	100	2.18
CORS Student Paper Competition (Undergraduate)	17	12.4	39	28.5	20	14.6	1	0.7	0	0.0	60	43.8	137	100	2.21
CORS Student Paper Competition (Open)	19	13.9	42	30.7	20	14.6	2	1.5	0	0.0	54	39.4	137	100	2.39
CORS Diploma	18	13.1	34	24.8	23	16.8	2	1.5	1	0.7	59	43.1	137	100	2.19
Graduate Student Conference Support	17	12.4	37	27.0	20	14.6	3	2.2	0	0.0	60	43.8	137	100	2.18
Graduate Student Funding to Attend CORS Conferences	21	15.3	35	25.5	18	13.1	2	1.5	0	0.0	61	44.5	137	100	2.21
Student Simulation Competition	12	8.8	30	21.9	18	13.1	0	0.0	0	0.0	77	56.2	137	100	1.71
Traveling Speakers Program	20	14.8	33	24.4	19	14.1	1	0.7	1	0.7	61	45.2	135	100	2.13

2. The rating average is a weighted average per row based on assigned default weights for each response option. The weights were in calculating the rating average for this question were: Excellent (5), Good (4), Satisfactory (3), Needs Improvement (2), Needs Significant Improvement (1), No Opinion (0)

3. The rating average is a weighted average per row based on assigned default weights for each response option. The weights used in calculating the rating average for this question were: Very Satisfied (5), Satisfied (4), Neutral (3), Dissatisfied (2), Very Dissatisfied (1) No Opinion (0).

*Graph 2: How Respondents Rated the Quality of Various CORS Products and Benefits (Question 2)*





profession than that. Because the INFOR content has been so heavy for years on the math aspects, I reckon it will be a major challenge to attract authors who will submit the sort of content I seek. Anyway, I hope that CORS will take on the challenge. But the first step will be to acknowledge WE HAVE A PROBLEM!

### *Bulletin*

- CORS Bulletin and its contents can be shortened. We should circulate the e-copy rather than sending hard copy. Also there is lots of money spent on the French translation of the content.
- Bulletin is really bad in looks. It should be electronic and in a good magazine format. You just need template and don't need to send it by post.
- The CORS Bulletin does not contain a lot of useful information for practitioners.
- Tailor more events/information/papers to NEW graduates who don't have the technical background. Much of the reporting, information circulated and papers are extremely dense, and do not help integrate new members, or help new OM professionals increase knowledge in the field. Events for new OM practitioners, or conferences/networking events catering to this demographic would be terrific, and help drive future membership.

### *Local Sections*

- Local section meetings often have quite poor attendance. It would be nice to be able to offer some incentive for people to attend these
- I feel that our section could improve on the number of activities.
- Local Section does not meet.
- There is no local meeting and networking in Ottawa, although there is a biggest practice of OR people, DRDC.
- Having a local section meeting once a year is important for several reasons. Networking is a result of meeting periodically. Some local sections meet once or twice a year. However, some sections skip a year which negatively impacts momentum.
- Edmonton doesn't seem to have many local section meetings and activities. I'd like to see a monthly dinner with presentations or some other activities. (Even semi-annually would be great)
- My section goes through periods of dormancy for years, and is then resurrected by the energy of a few people. I know that this is a feature of our Canadian landscape (few numbers and vast distances), but it detracts from the activities of the society and leaves me wondering if there may be another option for the smaller, more or less inactive sections.
- For local section meetings, I can't say I recall seeing that many announcements to ones in my neck of the woods, but when one does go I would like to go. Networking opportunities is similar in the fact that the word doesn't seem to get out, I can't say I have heard much about any networking opportunities, there might have been some and they might have been good but I can't recall hearing about them.
- No way to get the information of local section activities.
- Networking opportunities are generally tied to local section activities. The latter meetings used to be monthly in Toronto; in recent years, section meetings have been held only once or twice annually.

- Local section is inactive -- we need to get started again (our problem, not CORS central!)
- Many sections are inactive - regular election needed
- Atlantic region - doesn't meet, hasn't met since 2005 conference
- Il y a que peu ou pratiquement pas de professionnel aux séminaires présentés localement. Ils ne sont pas présentés ce qui réduit la possibilité pour les étudiants de faire des contacts ainsi qu'entre professionnels. (Few or no professionals take part in the seminars held locally. This reduces the networking opportunities with the students and among the professionals.)

#### *CORS Website*

- Website - needs to be modernized; new layout needed; more resources should be provided.
- CORS website I haven't been on in a while, but when I was looking into the CORS diploma the site seemed rather bland, not a bad thing but it could be better put together and have more info and better layout possibly.

#### *Membership Directory*

- The membership directory could be expanded to include a person's degrees, areas of practice and research, etc.
- Membership directory I don't think I have ever used, not sure if I even know how to use it, not really sure where it even is on the website.

#### *Miscellaneous*

- Would like to see job postings, where possible, associated with the discipline.
- More opportunities for non-academics

#### *Question 4: Rate your level of satisfaction with how the following Awards, competitions, and programs are managed.*

As shown on Table 3, the category selected by most respondents in all instances was No Opinion perhaps reflecting a general unfamiliarity with how the various CORS Awards, competitions and programs are managed. Management of the CORS Diploma program is the only instance where the combined number of Excellent and Very Good responses exceeds the number of No Opinion responses perhaps a consequence of the process for obtaining the CORS Diploma being transparent and clearly articulated on the website.

#### *Question 5: If you have indicated you are dissatisfied or very dissatisfied with how an Award, competition or program is being managed, provide details of the shortcomings and how they could be addressed in the space provided below.*

The responses provided to this open-ended question are provided below. Several reinforce the observation that respondents are not only unfamiliar with how the various identified Awards, competitions and programs are managed but in some instances with the programs themselves.

Proactively promoting these programs and membership benefits to the appropriate target groups appears to be warranted. The effectiveness of using the ListServ, the website, and the Bulletin as means of alerting the membership to these opportunities, and the form/content of the announcements, should be examined.

#### *CORS Awards and Programs - Overall*

- I indicated I was very satisfied because, although I do not know the process, in all the years I have been a member (20+), I have never heard a negative comment about any awards and/or how they were chosen.
- Except for the TSP, I have no knowledge or experience of the other CORS programmes. I believe most are important, especially the ones involving under graduate and graduate students, but cannot comment on their implementation or management.
- Not sure if I have used or heard much about any of those, but they probably don't apply too much to me.

#### *Practice Prize*

- I believe CORS needs to make more of the Practice Prize.
- I was on the prize committee one year. The arrangements seemed very haphazard. There was only one submission and the co-authors were unaware that they would be the likely winners -- none of the co-authors were present at the annual meeting and the senior author flew in at the last moment just to make the presentation, and later to accept the prize. The only contact had been an email to the senior author some months earlier. There had been no acknowledgement of this single contact; it turned out that the senior author had left the university after submitting the paper and moved into an industry position, and the old university email address was no longer in use. Overall, I thought this was really badly handled. The authors got the money with the prize, but most of it was probably consumed by the cost of travel booked at the last minute.

#### *Student Paper Competition*

- CORS Student Paper....this is the first time I've heard of it.....

#### *CORS Diploma*

- The CORS diploma was nice, nothing spectacular since most employers I don't believe have heard of it, but it is a nice little extra achievement to have for learning operation management.
- The CORS Diploma is a waste of time to administer and should be discontinued.
- We need to get more universities on-line. This means getting lazy members like me to become diploma coordinators.

#### *Graduate Student Conference Support*

- Support of Graduate Students to attend international conferences should in principle be available to a CORS student member to attend and present a paper at any recognized conference. My understanding is that this support was restricted to attendance at a particular short course or "school" that was held in South America during the past few years.

### *Graduate Student Funding to Attend CORS Conferences*

- There is often no funding for graduate students to attend CORS. This year there is funding but it is provided by MITACS, not CORS.

### *Traveling Speakers Program*

- It is just a program for very big people and big University. No access to such opportunity to local small University. The budget should be divided and CORS should promote Universities which are not well known in Canada and have limited research funds to allow them to use funds to invite researchers.
- The TSP is useful, but often time consuming, both in arranging, and in payment. It also assumes that sections, no matter how small, can afford \$500 + for their share of the costs.
- Have been to one of the traveling speakers talks and enjoyed it, so difficult to judge overall.
- Je n'ai jamais été invité à ce type de conférence à ma section local. (I was never invited to this type of meetings by my local section.)

### *Question 6: Indicate the top three benefits/opportunities that most influenced your decision to join CORS.*

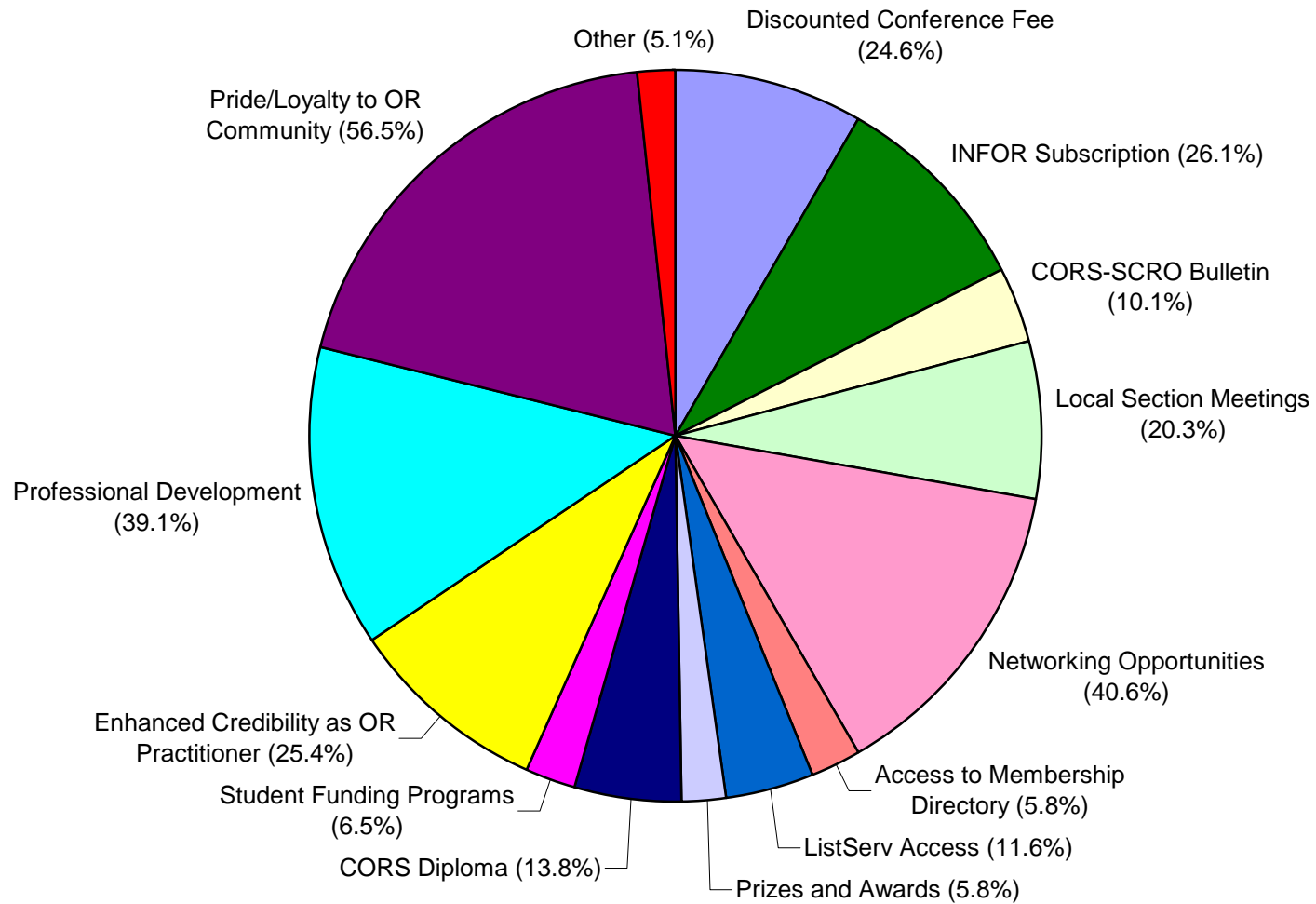
Over half of the respondents to Question 6 (56%) indicated Pride and Loyalty to the OR Community as one of their top three reasons for joining the Society, followed by Networking Opportunities (40.6%) and Professional Development (39.1%). While in the combined survey results, only 26% of the respondents indicated the INFOR Journal Subscription as one of their reasons for joining CORS, the actual figure for French respondents was 63% and only 24% among English respondents. Despite being acknowledged as important to respondents in Question 1, it is interesting to note that such tangible benefits of membership as the Membership Directory, the CORS ListServ, the INFOR Journal, and the Bulletin are not identified by most as the reason prompting them to join the Society. This would seem to indicate that efforts to recruit new members to the Society should focus on promoting the professional organization stature of CORS, increasing the opportunities for interaction between OR practitioners and improving the opportunities for Professional Development.

Student survey respondents most frequently identified Professional Development as one of their top three reasons for joining CORS (46%). Other top reasons for joining were to take advantage of the Discounted Conference Fee, Networking Opportunities, and obtaining the CORS Diploma, each with a rating of 40%.

**Table 4: Reasons Why Respondents Joined CORS (Question 6)**

<b>Benefit/Opportunity</b>	<b>Response Count</b>	<b>Response Percent</b>
	<b>#</b>	<b>%</b>
Discounted fee to attend the CORS Annual Conference	34	24.6
INFOR Journal subscription	36	26.1
CORS Bulletin	14	10.1
Local Section meetings/activities	28	20.3
Networking opportunities	56	40.6
Access to the Membership Directory	8	5.8
Access to the CORS ListServ	16	11.6
CORS Prizes and Awards	8	5.8
CORS Diploma	19	13.8
Student Funding Programs to attend conferences	9	6.5
Enhanced credibility as an OR professional/practitioner	35	25.4
Professional development	54	39.1
Pride in or loyalty to the Canadian OR community	78	56.5
Other (Please specify) <ul style="list-style-type: none"> <li>• It was 23 years ago so difficult to recall!</li> <li>• I joined CORS in 2000 after winning the undergraduate student paper competition. I had never even heard of CORS prior to the competition (actually, I was not even aware CORS or the competition existed until I found out through Evelyn Richards that I had won...). I attended the CORS conference in Quebec City that year, and came back from the conference very excited about pursuing a career in OR. Ten years later, I am still as excited about pursuing a career in OR.</li> <li>• I think CORS should do school visits and promote the CORS diploma to undergraduates...maybe you'll get more student members.</li> <li>• Pride and Loyalty to the Canadian OR community and the CORS ListServ are also important.</li> <li>• My supervisor told me to!</li> <li>• To promote and improve OR in Canada.</li> <li>• I have indicated the reasons I joined CORS 40 years ago. However, they are not the reasons that I, now retired, have retained my membership.</li> </ul>	7	5.1

**Graph 3: Reasons Why Respondents Joined CORS (Question 6)**



Question 7: Which of the following potential initiatives appeal to you?

Of the listed potential initiatives the one with the highest rating average, indicating the most positive response, was offering a dual membership with INFORMS. Almost 38% of respondents were Very Interested and 33.3% Interested in this suggestion. The membership also appears to be receptive to the idea of establishing Special Interest Groups within the Society with 32.8% of respondents indicating they were Interested and another 24.1% Very Interested. Further investigation of the merits of implementing this initiative is warranted. Receiving a fair level of support were including interviews, profiles, and features on careers, OR programs, and practitioners in the Bulletin and listing a member's area of interest in the Membership Directory. Two initiatives, Establishing a CORS LinkedIn Group and Establishing New Awards to recognize mid-career professionals, received low rating averages (2.04 and 2.44 respectively) indicating that generally respondents were less interested in pursuing their implementation. French respondents more or less concurred with the overall findings with the exception that listing members' area of interest received the most Very Interested responses and had a rating average of 4.25.

Since most of the respondents were also members of INFORMS (refer to Question 13 on page 30), investigating whether INFORMS would be receptive to this idea as well as the specifics of its implementation is something CORS Council may wish to pursue. Additionally, future efforts to update the Membership Directory should include the opportunity for Members to identify their area of interest if they so desire and the Bulletin Editor should be advised that feature articles highlighting non-academic OR pursuits are desired by the membership.

The specific comments provided by respondents to the Other (please specify) category of Question 7 were:

- A kind of professional recognition, for example, "Fellow of the Canadian Operational Research Society".
- Create a Facebook group for CORA  
Organize Webinar instead of travel speaker. It will save money and involve more audience.
- Providing book reviews, career profiles, etc. would be welcomed (this content is published in AMS Notices and is always interesting and relevant).
- Perhaps a professional and/or academic designation associated with the CORS Diploma to make it more visible. If we can get people with CORS Diplomas to list it on their business cards, it would raise the profile of the institute. For example: Diploma in Operational Research = DipOR or Certified/Chartered Operational Researcher = C.O.R.
- Catered events to new professionals
- Launch a professional outreach program to facilitate innovative application of OR in industry, especially in sectors that traditionally have not applied OR (therefore tend to see only the cost of rocking the boat instead of the opportunity to maximize the value of existing resources and competencies). As a practicing forester, engineer, OR professional, programmer, and consultant, I have often struggled (and failed) to sell the idea of applying OR to forest industry problems in new and innovative ways. I have often been

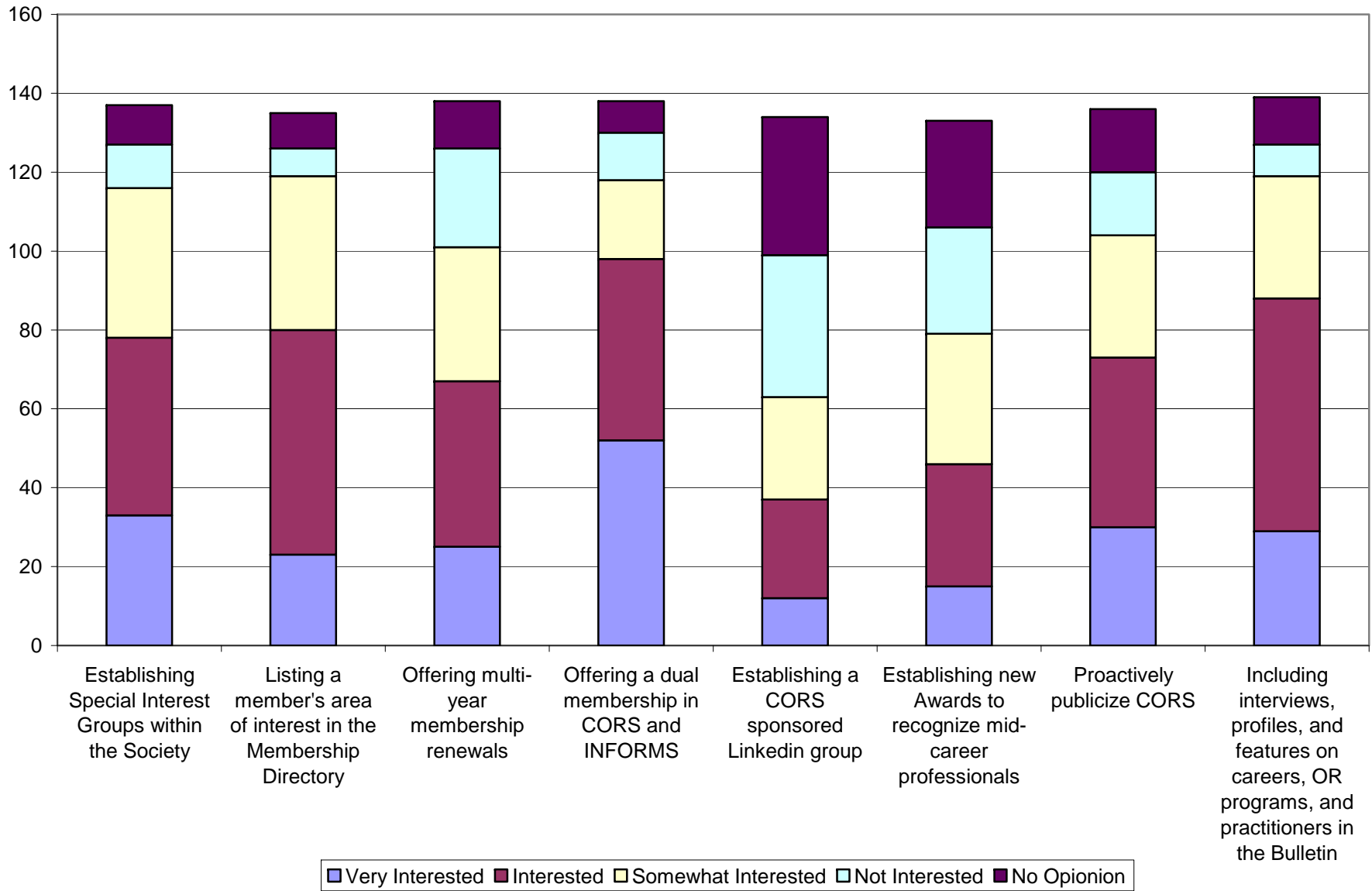
**Table 5: The Appeal of Potential Initiatives to Respondents (Question 7)**

Answer Option	Very Interested		Interested		Somewhat Interested		Not Interested		No Opinion		Responses		Rating Average <sup>4</sup>
	#	%	#	%	#	%	#	%	#	%	#	%	
Establishing Special Interest Groups within the Society	33	24.1	45	32.8	38	27.7	11	8.0	10	7.3	137	100	3.43
Listing a member's area of interest in the Membership Directory	23	17.0	57	42.2	39	28.9	7	5.2	9	6.7	135	100	3.46
Offering multi-year membership renewals	25	18.1	42	30.4	34	24.6	25	18.1	12	8.7	138	100	3.04
Offering a dual membership in CORS and INFORMS	52	37.7	46	33.3	20	14.5	12	8.7	8	5.8	138	100	3.74
Establishing a CORS sponsored LinkedIn group	12	9.0	25	18.7	26	19.4	36	26.9	35	26.1	134	100	2.04
Establishing new Awards to recognize mid-career professionals	15	11.3	31	23.3	33	24.8	27	20.3	27	20.3	133	100	2.44
Proactively publicize CORS	30	22.1	43	31.6	31	22.8	16	11.8	16	11.8	136	100	3.17
Including interviews, profiles, and features on careers, OR programs, and practitioners in the Bulletin	29	20.9	59	42.4	31	22.3	8	5.8	12	8.6	139	100	3.47

4. The rating average is a weighted average per row based on assigned default weights for each response option. The weights used in calculating the rating average for this question were: Very Interested (5), Interested (4), Somewhat Interested (3), Not Interested (1), No Opinion (0)



*Graph 4: The Appeal of Potential Initiatives to Respondents (Question 7)*



regarded as "that guy" who refuses to leave well enough alone. By outreach program, I am thinking of formalized support for the black sheep OR practitioner trying to extend the use of OR in the field. Subsidizing students to attend local activities.

- Add Job Listings to the website
- I'm too old to take an active part in CORS but still interested in the progress of the profession.

Question 8: Please indicate your opinion on the following statements

The first five statements of this question respondents were asked to consider were aimed at determining the respondent's level of satisfaction with the services, benefits, products and value offered by their CORS membership. The results reveal that members are satisfied on all counts and agree that membership fees are in keeping with the level of service provided. The finding is substantiated by the high rating averages received on these comments – 3.81, 3.88, 3.85, and 3.93. Whether respondents would be willing to pay more to sustain CORS activities is not clearly evident. The rating average on this statement is relatively lower at 3.18. Extrapolating from the findings for these 'value – related' statements, it can be concluded that respondents were pleased with the level of service offered by CORS at what is seen as a reasonable cost.

CORS makes every effort to conduct its activities in an efficient and cost effective manner within the parameters of its Constitution. To assess the receptiveness of the membership to conducting business electronically statements to ascertain contact preference were included in this question. While most respondents replied that they were Neutral on receiving official correspondence by surface mail, as well as Neutral on whether all correspondence should be conducted electronically, the rating average on these statements reveal that respondents were more inclined to disagree with the necessity of using surface mail (2.46) and agree with electronic contact (3.39). These findings provide CORS Council with the basis upon which to propose changes to the Constitution, as part of its current review process, facilitating the use of electronic communication with the membership on official matters and to investigate further with its Membership Services provider the implementation of electronic invoicing and electronic voting.

Respondents are supportive of the CORS-SCRO Bulletin. Opinions of Local Sections were however, less positive with the section-related questions receiving rating averages of 2.22 and 2.16. Such findings indicate that respondents were inclined not to agree that their local section offers a satisfactory number of opportunities for interacting and networking with colleagues. There seems to be a general willingness on the part of respondents to participate in section activities if the opportunity were provided.

Receiving the highest rating average of the Question at 4.17, respondents indicate that they intend to remain a member of the Society for the foreseeable future.

**Table 6: The Opinion of Respondents to Statements Related to Membership Satisfaction (Question 8)**

	Strongly Agree		Agree		Neutral		Disagree		Strongly Disagree		No Opinion		Rating Average <sup>5</sup>
	#	%	#	%	#	%	#	%	#	%	#	%	
CORS offers a good level of service to members.	21	15.3	86	62.8	26	19.0	2	1.5	0	0.0	2	1.5	3.88
Overall I am satisfied with the products and benefits offered to CORS members.	17	12.5	93	68.4	19	14.0	4	2.9	1	0.7	2	1.5	3.85
CORS membership fees are in keeping with the benefits and level of service provided.	30	22.2	75	55.6	24	17.8	4	3.0	0	0.0	2	1.5	3.93
I would be willing to pay more to sustain CORS activities.	13	9.5	35	25.5	58	42.3	27	19.7	3	2.2	1	0.7	3.18
I believe I get good value from my CORS membership.	26	19.0	71	51.8	31	22.6	7	5.1	1	0.7	1	0.7	3.81
It is important to receive official CORS correspondence (invoice notices, ballots, etc.) by surface mail.	11	8.0	17	12.4	40	29.2	31	22.6	32	23.4	6	4.4	2.46
All contact with CORS members should be handled electronically.	26	19.0	35	25.5	53	38.7	16	11.7	4	2.9	3	2.2	3.39
The Bulletin is a useful resource providing news items on CORS activities and articles of interest and relevance to members.	28	20.6	73	53.7	28	20.6	1	0.7	2	1.5	4	2.9	3.82
My local section is active.	14	10.2	25	18.2	29	21.2	17	12.4	13	9.5	39	28.5	2.22
My local section offers a satisfactory number of opportunities for interacting and networking with colleagues.	10	7.4	22	16.3	34	25.2	19	14.1	13	9.6	37	27.4	2.16
I intend to remain a member of CORS for the foreseeable future.	47	34.6	75	55.1	10	7.4	1	0.7	0	0.0	3	2.2	4.17
I would participate in local section activities if offered.	33	24.1	51	37.2	30	21.9	6	4.4	1	0.7	16	11.7	3.45

5. The rating average is a weighted average per row based on assigned default weights for each response option. The weights were in calculating the rating average for this question were: Strongly Agree (5), Agree (4), Neutral (3), Disagree (2), Strongly Disagree (1), No Opinion (0)

Question 9: If you do not intend to remain a member of CORS in the foreseeable future, please indicate the reason(s) why. Choose all that apply.

Of the 19 individuals who responded to this question, 47% cited as one of the reasons that they do not expect to renew their memberships is because their reasons for joining CORS have been satisfied. Also cited was that they do not find value in their membership (36.8%). Question 9 results are presented in Table 7 below. No French responses to the question were received.

**Table 7: Why Respondents will not be Renewing their Memberships (Question 9)**

	Response Count	
	#	%
I do not find value in membership.	7	36.8
I do not have time to be involved in CORS' activities.	2	10.5
Membership fees are too high.	2	10.5
Will no longer be active in the OR community.	5	26.3
My reasons for joining will have been satisfied.	9	47.4

The following comments were received in response to the Other (please specify) category of this question:

- Taking leave
- Have moved into semi-retirement and no longer do much OR work/teaching.
- Less local activities
- I have indicated I plan to remain a member for the foreseeable future. However, the 'foreseeable future' for me will change when I retire in 4 years' time. This does not necessarily mean I will terminate my membership, as I will remain interested in the community/field.
- We should retain our Canadian flavour, and not become a subsidiary of INFORMS.
- Membership is a very good value.

Question 10: If you could pass along just one piece of feedback to CORS Council on any matter/idea/program/vision, what would that be?

*INFOR Journal*

- Improve perception of quality of INFOR journal.
- Preserving our publicational history and making that more available to our members and the general community. This would raise our profile.
- I found the INFOR journal is very interesting with many good articles in OR field, which keeps me staying as membership. I would participate the annual meeting and other activities if I have time.
- Try to improve the status of INFOR. These days, if a journal is not easily accessible on the Web, it does not survive.

- More emphasis on practice, less on academic material of little practical relevance. Articles of practical relevance are virtually non-existent.
- Keep a good equilibrium between OR practice and theory.
- It would interest me to see more emphasis on interdisciplinary OR applications.

#### *Bulletin*

- Also, I think the bulletin would benefit from the inclusion of short, biographical articles highlighting ex-CORS student members and their current non-academic jobs. This will not only be interesting, but it will help us stay connected to the non-academic side of CORS.
- Have an OR career story published in the Bulletin or INFOR (if of good quality) from a member when he retires.

#### *Local Sections*

- Perhaps rethink role of local section in Toronto
- I would like to see an increase in the frequency of local events, seminars, etc. in Ottawa.
- If possible, engage student groups for assistance in arranging local chapter events and activities. This would satisfy desires for networking and possibly provide interesting activities for students and alumni alike (i.e.: site tours, product demos, seminar discussions)
- The quality of local events is good, but the number could be higher.
- Establish local meetings in the GTA area.
- Local section activities are very important.

#### *Promotion/Outreach*

- Promote the society more aggressively.
- Consider more outreach to business. CORS has good links to academia, but is not active in Canadian business scene. OR/Analytics is most successful when integrated with senior business management, but CORS does not have good links in this area, nor does it actively promote this.
- More activities and for young OM professionals; need to engage new generation
- Somehow effectively communicate with high school students on the meaning of OR and its relevance
- Need to recruit and retain active participation of non-academic OR practitioners. CORS is primarily organized by, and for, researchers. I believe the most substantial potential gains of the application of OR lie in the application of OR. Get the consultants in there, with their quick and dirty corner cutting ways... shake it up! :)
- More outreach to undergraduate students. Target not only Mathematics departments, but statistics, economics, business, and engineering departments within every school. Some students might be studying related topics but in different programs (which they might waste their chance at the CORS diploma).
- Put more effort on stimulating the interests of undergraduate students. Put more effort on advertising job opportunities especially during the Annual conference and CORS website.

- I think the biggest problem with the OR community is that it appears shy and reticent to publish success stories and to actively promote the benefits of OR to middle and senior management. Taking a more active marketing stance seems to be to be very important for the survival of the OR community.
- Increase prominence.
- I want to have more student involvement from the local university. Most of the kids there don't even know about CORS. What can be done to advertise CORS to the right channels?
- Stronger promotion / involvement at University undergraduate level. Awareness of the field, opportunities, organised ground-up poster and project competitions.
- Need to encourage ALL Canadian OR professors to be involved. In the next five years there will be a big turnover at my university (UBC) and we need the new members to become actively involved. Thus renewal and sustainability.

#### *Funding*

- It is very important to offer the most support possible to students.
- Provide more funds and opportunities for members to enable them to attend CORS activities

#### *CORS Diploma*

- You should post a list of certified courses for the CORS diploma for each school posted online. Some of the CORS coordinators have no idea what they're talking about or doing. This way, disputes between students and the coordinator would be minimized. Just having the type of courses required is okay, but for schools who have been giving out the CORS diploma for a while, I think it'd be better to have a specified list for each school, and have it updated every year. Just harass the coordinator for each school to update it and send it to you to put online. High school math curriculum in Ontario changed, and so did the courses for university, so I'd think it'd be wise for each school to update the course requirements...because some of the required courses don't exist anymore...or their course codes get changed and you can't find an equivalent course.
- Get rid of the CORS diploma.

#### *Operations*

- Mailing out ballots to O.R. professionals for by elections in 2010 seems a bit wasteful.
- I am really pleased with how well membership services are delivered.
- Stay environmentally friendly... don't need to get INFORMS in the mail if it's accessible online. I also prefer to receive membership renewal papers via email.
- The CORS council is doing a great job. I wish its success.

### *Membership*

- "Fellow of the Canadian Operational Research Society" idea.
- I believe that CORS should focus on student membership feedback in an effort to retain their membership after graduation.
- Offer discounted Life membership (e.g., after 25 years)
- Offer international membership

### *CORS Conference*

- I really enjoy returning to the CORS conference each year to keep in contact with the Canadian OR community. This year's conference (based on the announcement recently sent via the MITACS list serve) looks significantly different and smaller than in past years. This was a significant disappointment to me as I thought that running a joint conference with MITACS would have a chance of improving and already good conference. However, it appears that it has diluted the CORS agenda significantly.
- Have the conference in attractive and easy to travel to places, and at hotels that can host the number of parallel sessions. And not host the conferences at Universities. Need to make the conferences more consistently professional.
- Please consider the occasional joint (or overlapping) conference with other societies, e.g. in statistics or industrial engineering. This would enable a wider variety of papers or topics. Also, in that way, a CORS conference could be held in Ottawa, say, where there do not seem to be a sufficient number of active CORS members to organize one.
- Sometimes it seems like one only needs to attend the annual conference every other year, as there is so much repetition in the presentations. Perhaps higher criteria could be set for the conference presentations. Also, I was in one conference talk where the presenter discussed where he was stumped by the research he was working on and said that if any one had suggestions, to please let him know. I think enabling such discussions in the sessions would be an EXCELLENT use of conference time. This was an opportunity for collaboration and for researchers to learn from each other. Further opportunities for such presentations/discussions would be a wonderful addition to the conference, if a bit atypical. Instead of using the conference to show "how wonderful everything is", if some sessions were devoted to "here's where I'm stuck", I think the learning experience would be incredibly valuable for everyone.
- A story of when I was an undergraduate student at the U of T in the 1980s: I wanted to attend a luncheon meeting but there was a cost associated with it. It was probably small but I did not have the money. In any case, I showed up after the lunch was served and when the speaker was scheduled to present. When I went to register, I was told that price was \$XX (maybe \$20?) but I commented that I was not going to eat lunch but was just there to listen to the speaker. I was then told it would still cost \$5. I paused and then responded that as a student, I did not even have that much money and was planning to leave. A very clever member invited me to stay for no cost (I might have been the only student attending!) and, in fact, encouraged me to help myself to the soup and sandwiches as they still had lots out. Instead of alienating a young student, they gained a lifelong member.

- Conferences are very good.
- Keep cost of attending CORS conference low. INFORMS rates are so high now that they begin to overshadow the benefit of the conference.

#### *Miscellaneous*

- Change name to "Canadian Operations Research Society". The current "Operational Research" seems awkward and not as relevant.
- I think that one item of interest to me personally and of interest to other current and potential members would be the strength of the O.R. Community in Canada. Not just those who are formally in CORS, but everyone.
- I used to be primarily interested in technical matters, went to conferences, etc. Now I'm retired and my focus has changed so that I keep my membership mainly just to learn in a general way what people are doing, particularly ex-colleagues. Also, about interesting or innovative applications of OR. The Bulletin seems to serve this purpose. There is no local group in my city but I doubt that I would attend meetings even if there was one.
- I'm not entirely sure, my apologies but I don't really keep up with OR type stuff any more. The stuff I have learned was fun and interesting but seemed limited (or at least I wish I could expand upon it and have more instruction, refreshers or some sort of seminar to get help with or idea's on how to carry out some OR modeling that might help you say at work or even just entertainment), if there was say cheap refresher courses or newer OR type courses (even just a day course/seminar or something) that teaches newer stuff beyond the stuff or in addition to the stuff I have taken in University, I would enjoy that. I enjoyed learning and doing OR/Management Science courses and would like to continue to learn new stuff but I don't particularly want to go back and sign up for school to take a few OR courses. Even just day seminars or something to teach/refresh CORS members might be a neat idea, if there is demand for it (I might be the only one interested in learning new stuff). Some of the stuff in the magazine that comes out is way beyond me and I wouldn't mind learning more about it so the articles are more interesting. Maybe there are already seminars or mini courses, I don't really know, if there is sorry for the rant.
- Provide more opportunities for those of us without academic careers.
- Networking is the most important activity for CORS. Many of us know who is who in the international community, but may need to have a better idea of who is doing what in Canada.



Question 11: Are there any other comments, suggestions or issues you would like to communicate to CORS Council?

- The dual membership with INFORMS is very important. Many resources from INFORMS are very good and CORS do not need to re-build similar resources to save funds.
- No - Council is doing a great job
- Overall, I am pleased with CORS.
- The single most important membership benefit today (to me) is the INFOR subscription. If this were to disappear and not be replaced by something of equal or greater value to me, I would likely not renew my membership.
- I really like the ListServ. It's great to hear about opportunities and conferences around the world. Only trouble with the ListServ is that I don't get much local content (possibly because there's not as much happening in Alberta)
- Wendy does a fantastic job !!!!
- I wouldn't mind a few seminars to learn or even just listen to someone who uses OR for real life applications etc. There probably are seminars I just don't know about them, my apologies I've fallen out of the OR loop for a while.
- CORS council does an outstanding job.
- Just curious...the president of CORS is at Ryerson...yet there's no CORS Diploma coordinator at Ryerson listed online....funny....
- Generally I think CORS is well run.
- Encourage more local activities, encourage regular election, etc.
- Avoid conferences like the past in TO, which felt too big/spread out. Prior conferences (London, QC) were much better.
- I showed very low involvement/relevance/importance to the 'student' questions. This is because I am not directly involved, and the question was worded in such a way that I could only answer low on the scale. In spite of that, I believe that these are very important areas for the survival of operational research and of CORS.
- I am pleased that INFOR is now available in a digital format.
- More emphasis on practice, less on academic material of little practical relevance. Recruit practitioners to participate in CORS governance. Reduce dominance by academics.
- Your activities are concentrated in Quebec and Ontario, could you arrange some activities in other provinces

Question 12: To which CORS Local Section do you belong?

The distribution of survey respondents by section is provided in Table 8. The table reveals that responses were garnered from across the country thereby substantiating that the findings are generally indicative of member attitudes and are representative of the broad membership.

**Table 8: Distribution of Survey Respondents by Section (Question 12)**

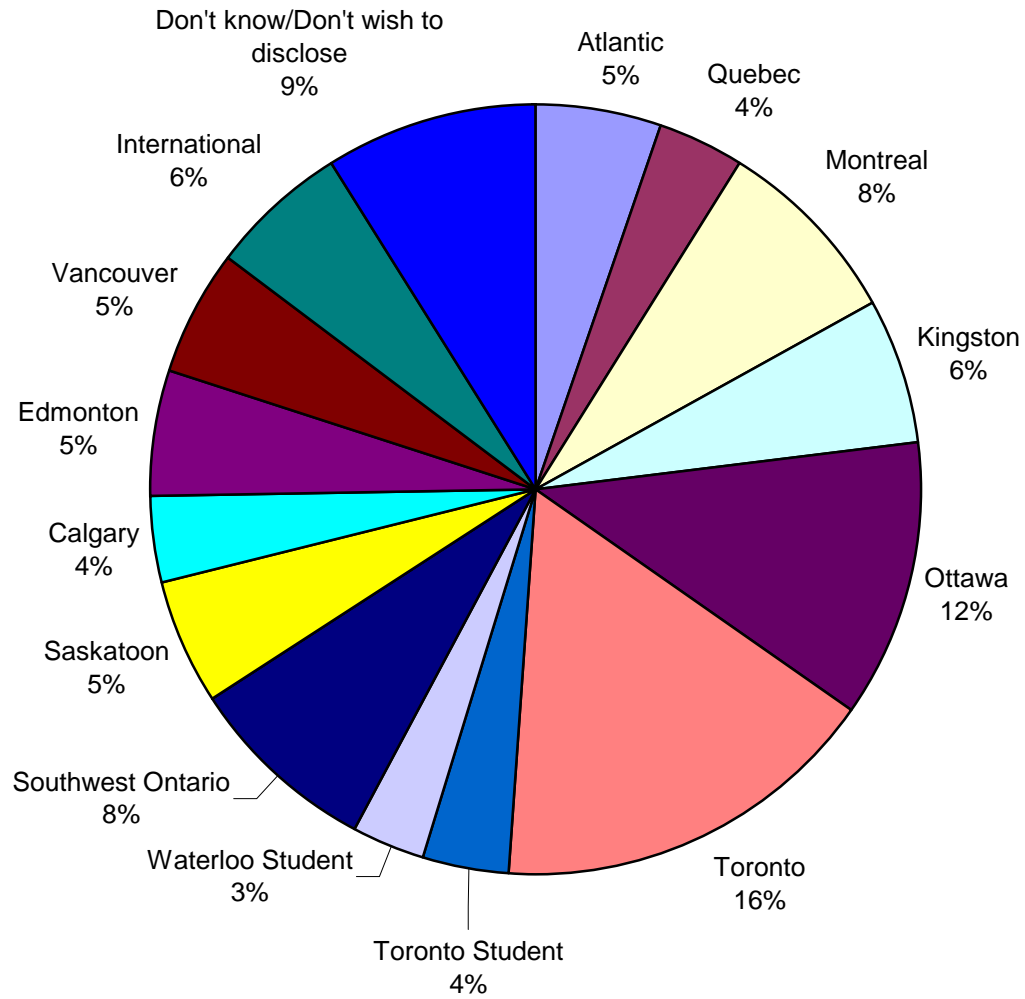
	Response Count	
	#	%
Atlantic	7	5.2%
Quebec	5	3.7%
Montreal	11	8.1%
Kingston	8	5.9%
Ottawa	16	11.9%
Toronto	22	16.3%
Toronto Student	5	3.7%
Waterloo Student	4	3.0%
Southwest Ontario	11	8.1%
Winnipeg	0	0.0%
Saskatoon	7	5.2%
Calgary	5	3.7%
Edmonton	7	5.2%
Vancouver	7	5.2%
International	8	5.9%
Don't know/Don't wish to disclose	12	8.9%

Most respondents (22 or 16%) identified themselves as associated with the Toronto Section. It is more interesting, however, to examine the number of respondents by Section based on the current total membership figures for each Section. Notwithstanding the ‘Don’t Know, Don’t Wish to Disclose, and Skipped Question respondents, 78% of the Saskatoon section membership undertook the survey; 67% of the Kingston section’s membership participated; and the following sections had a response rate of between 30%-40% - Edmonton, International, Ottawa, Toronto, and SW Ontario. The opportunity exists for survey results to be filtered by Section. An analysis at this level could provide Local Section executives with some insight into the mind set of their membership and CORS Council should consider making survey results available to Local Section executives if requested.

Question 13: To which professional organizations do you belong? Choose all that apply.

Almost 90% of the survey respondents also hold a membership in the Institute for Operations Research and the Management Sciences (INFORMS). It is, therefore, not surprising that the potential initiative of offering a dual membership in CORS and INFORMS was well received with 32% indicating they were Very Interested and a further 33% Interested.

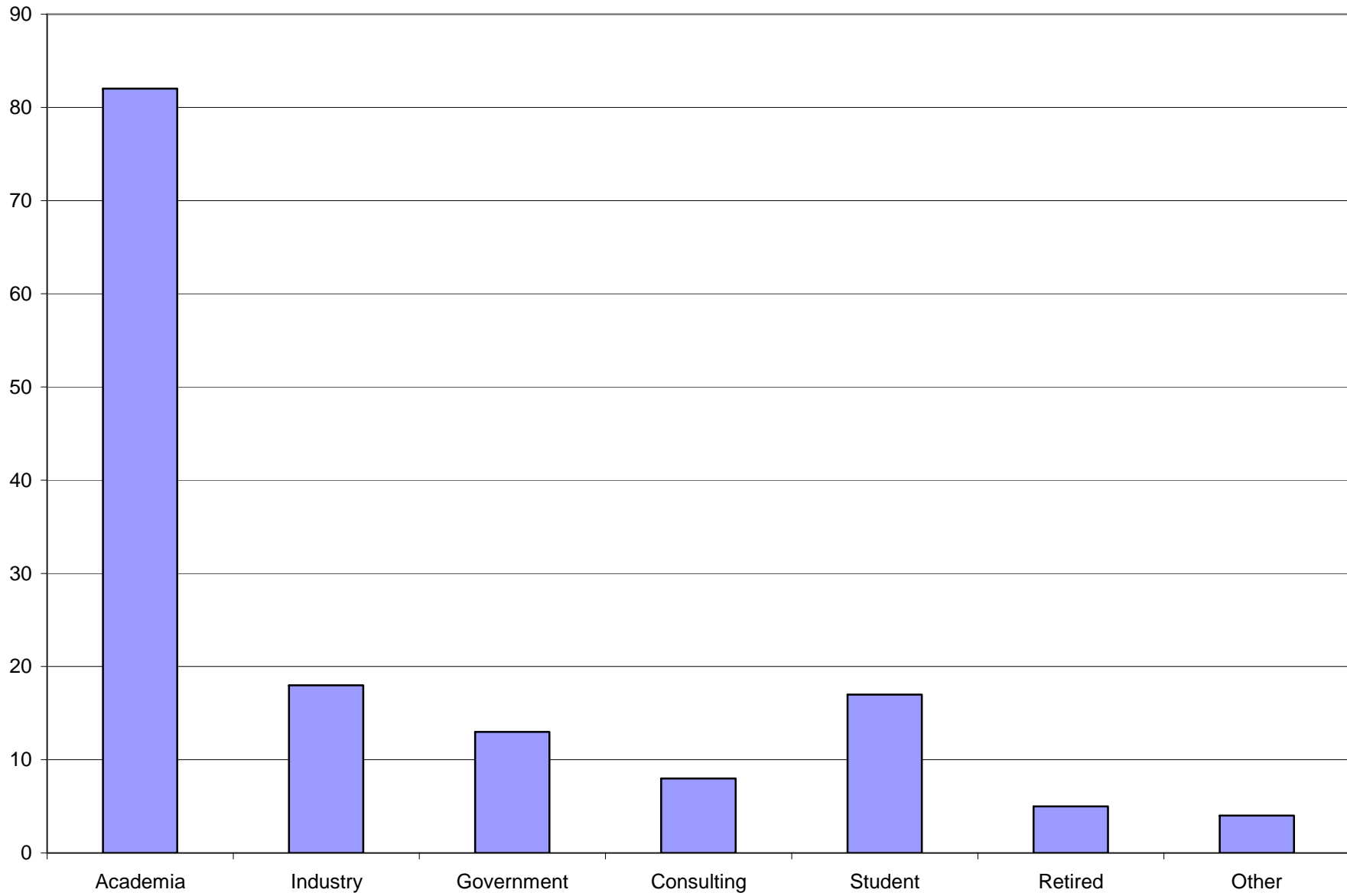
*Graph 5: Percentage Distribution of Survey Respondents by Section (Question 12)*



**Table 9: Other Professional Organizations to which CORS Members Belong (Question 13)**

	Response Count	
	#	%
Institute for Operations Research and the Management Sciences (INFORMS)	78	89.4 %
Institute of Industrial Engineers (IIE)	11	11.8 %
Administrative Sciences Association of Canada (ASAC)	6	5.9 %
Mathematical Programming Society (MPS)	15	17.7 %
Statistical Society of Canada (SSC)	6	4.7 %
Other (Please specify)	36	
Institute of Electrical and Electronics Engineers (IEEE)	5	
Production & Operations Management Society (POMS)	5	
OR Society UK	4	
American Statistical Association (ASA)	4	
Decision Sciences Institute (DSI)	4	
American Mathematical Society (AMS)	3	
Society of Industrial and Applied Math(SIAM)	3	
Canadian Math Society (CMS)	3	
Advancing Productivity, Innovation and Competitive Success (APICS)	2	
IMS	2	
Operational Research Society of New Zealand (ORSNZ)	1	
International Institute of Forecasting (IIF)	1	
IEEE Computer Society	1	
Classification Society	1	
Mathematical Association of America (MAA)	1	
Canadian Institute of Management	1	
Italian Operational Research Society (AIRO)	1	
American Society for Quality (ASQ)	1	
Council of Supply Chain Management Professionals	1	
Canadian Applied and Industrial Math Society	1	
Ordre des ingénieurs forestiers du Québec	1	
Ordre des ingénieur du Québec	1	
Canadian Institute of Forestry	1	
Association of Professional Engineers and Geoscientists of Saskatchewan	1	
The International Environmetrics Society	1	
FOR@C research consortium, University Laval	1	
Sigma XI - The Scientific Research Society	1	
Association of Professional Engineers & Geoscientists of BC	1	
Military Operational Research Society	1	
Prof. Engineers Ontario	1	
La société française de Recherche Opérationnelle et d'Aide à la Décision (ROADEF)	1	
Italian Operational Research Society (AIRO)	1	

*Graph 6: Distribution of Survey Respondents by Employment Sector (Question 14)*



Question 14: In which sector are you currently employed?

The distribution of survey respondents by employment sector is presented in Table 10 and graphically in Graph 6. Respondents were predominantly academics with 62% employed in academia. Almost 14% of the respondents were employed in Industry and 12.9% identified themselves as students. Government and Consulting accounted for a further 10% and 6% respectively. Retirees participated at a rate of 4%.

**Table 10: Distribution of Survey Respondents by Employment Sector (Question 14)**

	Response Count	
	#	%
Academia	82	62.1%
Industry	18	13.6%
Government	13	9.8%
Consulting	8	6.1%
Student	17	12.9%
Retired	5	3.8%
Other (Please specify)		3.0%
College	1	
Construction (Couldn't find that many OR jobs when I graduated.)	1	
Also Academia	1	
Firme comptable (Accounting Firm)	1	

Question 15: I would be interested in the establishment of the following special interest groups within CORS. Choose all that apply.

The intent of Question 15 was to ascertain the specific interest areas of CORS members for the purposes of identifying potential sub-groups within the Society as a means of improving networking and communication among members sharing similar interests or areas of study. The findings could be used to identify topics for future Bulletin article features and/or conference sessions.

Table 11, which provides the response count for this question, reveals that most often cited area of interest of respondents was Optimization (39.5%), followed by Supply Chain Management (30.7%), Decision Analysis (26.3%) and Operations Management (25.4%). A graphic representation of the findings is provided in Graph 7 and the associated comments provided below.

*Other (Please specify)/Comments*

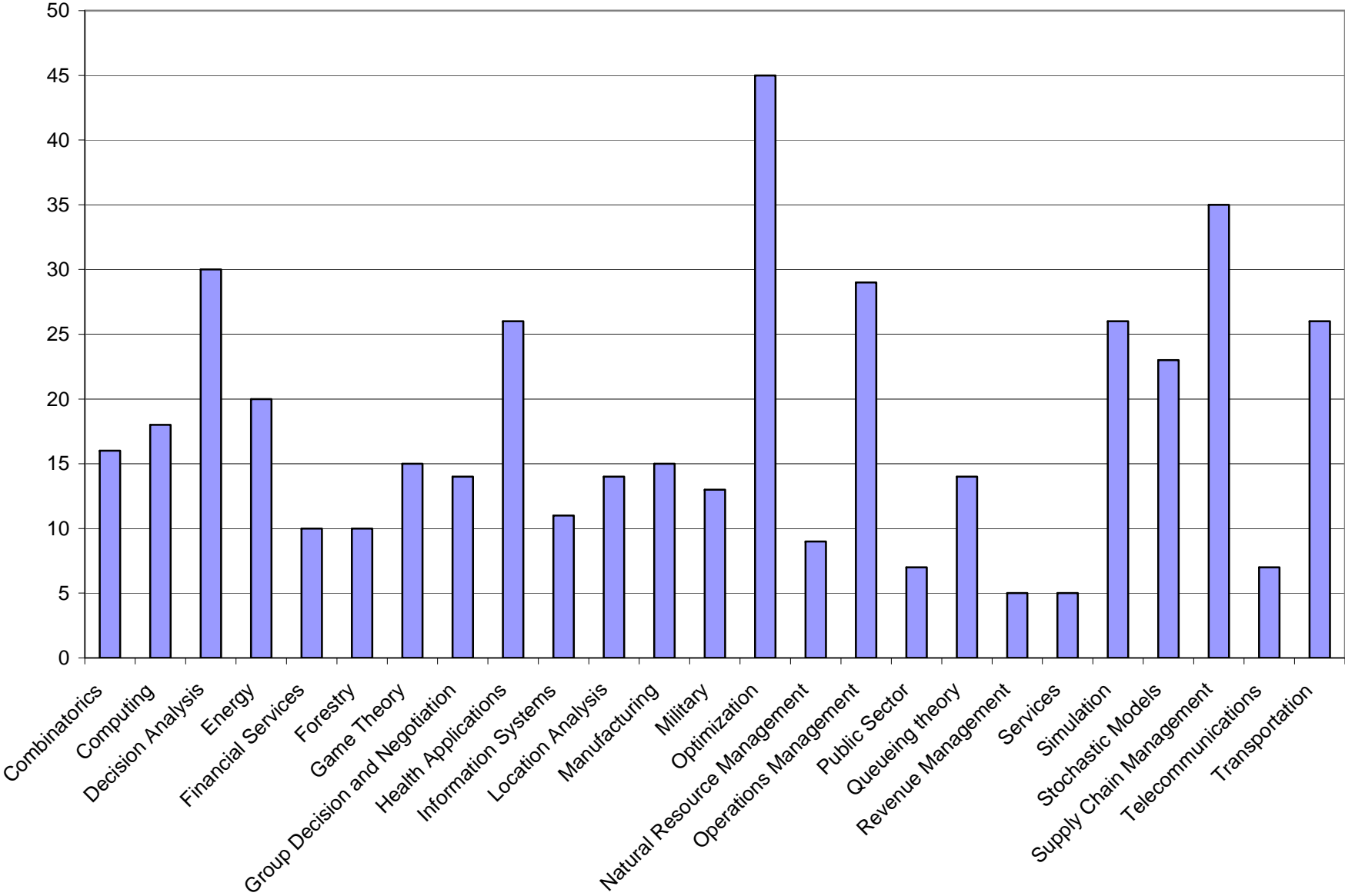
- Applications, Business Analytics, Forecasting
- I would like to replace "Energy" as "Environment, Economy and Energy"
- Strategic Management

- I am not sure there is enough volume to warrant special interest groups. These already exist within INFORMS. I don't quite see the value of having a designated CORS one for my research fields.
- Service Systems
- Logistics
- Seem redundant for such a small organization - INFORMS equivalents are sufficient
- Education
- Marketing/OR interface

*Table 11: Special Interest Areas of CORS Members (Question 15)*

	Response Count	
	#	%
Combinatorics	16	14.0%
Computing	18	15.8%
Decision Analysis	30	26.3%
Energy	20	17.5%
Financial Services	10	8.8%
Forestry	10	8.8%
Game Theory	15	13.2%
Group Decision and Negotiation	14	12.3%
Health Applications	26	22.8%
Information Systems	11	9.6%
Location Analysis	14	12.3%
Manufacturing	15	13.2%
Military	13	11.4%
Optimization	45	39.5%
Natural Resource Management	9	7.9%
Operations Management	29	25.4%
Public Sector	7	6.1%
Queueing theory	14	12.3%
Revenue Management	5	4.4%
Services	5	4.4%
Simulation	26	22.8%
Stochastic Models	23	20.2%
Supply Chain Management	35	30.7%
Telecommunications	7	6.1%
Transportation	26	22.8%

*Graph 7: Special Interest Areas of CORS Members (Question 15)*





## Conclusions

With a response rate of 35%, the findings of the CORS Membership Survey provide a representative basis upon which the Membership Recruitment and Retention Committee can make recommendations to CORS Council on how to provide better products and services to its current members to enhance retention and on initiatives that could be undertaken to attract new members. Overall, respondents were satisfied with products and the level of service offered by the Society, believe they get good value from their membership, and that membership fees are in keeping with the benefits and level of service provided. Pride and loyalty to the Canadian OR community, professional development, and the networking opportunities a CORS membership provides are the key reasons cited for joining the Society and most respondents intend to retain their memberships for the foreseeable future. Despite being generally satisfied with the quality of the Society's products and services, the open-ended questions and comment sections of the survey provided respondents with opportunity to directly express concerns and/or identify suggestions for their improvement. Over-riding themes of the submitted remarks are that both the Journal INFOR and the CORS Bulletin need to provide more useful, practical information for practitioners, non-academics and new graduates and that more needs to be done to proactively promote the professional organization stature of CORS; to increase the opportunities for interaction among OR practitioners, and to provide more events to enhance Professional Development.

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## *Future Directions*

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On the basis of the findings of the Membership Survey, CORS Council is encouraged to move forward on the following initiatives:

Society Liaison Officers should work with Local Section Presidents with the aim to explore how to best fulfil the objective of providing opportunities for members to interact and network with colleagues as well as for professional development. Members should encourage their non-member peers to attend such events and to join the Society. Promoting CORS when attending seminars and conferences should also become a higher priority.

Local Section Presidents should be made aware that the survey results can be filtered by Section and are available upon request. An analysis at this level could provide Local Section executives with some insight into the mind set of their membership.

Efforts to recruit new members to the Society should focus on promoting the professional stature of CORS, increasing the opportunities for interaction between OR practitioners and improving the opportunities for Professional Development.

As part of its current review process, provisions of the Constitution should be amended to allow/acknowledge the use of electronic communication with the membership on official matters.

In consultation with the Secretary and the Membership Chair, the CORS Membership Services provider should investigate and report to CORS Council on appropriate procedures for the implementation of electronic invoicing and electronic voting.

Further investigation of the merits of implementing Special Interest Groups within the Society is warranted.

Future efforts to update the Membership Directory should consider including the opportunity for Members to identify their area of interest on their entry if they so desire.

The Student Paper Competitions and providing students with funding to attend conferences were identified as Very Important to the membership. CORS Council should, therefore, identify updating and upgrading the application forms for these two programs as a priority.

The specific survey results falling within the purview of the Education Chair should be referred to him for further review and investigation. Particular attention should be given to identifying potential outreach opportunities to OR undergraduate and graduate students and investigate the most effective means of increasing the awareness of students to the Student Paper Competitions, Conference funding programs, and the CORS Diploma. The effectiveness of using the ListServ, the website, and the Bulletin as means of alerting students to these opportunities, and the form/content of the announcements, should also be examined.

In consultation with the Practice Prize Chair, the Public Relations Chair should proactively promote CORS and the Practice Prize Competition to non-academic OR practitioners and businesses.

There appears to be a need to increase the awareness of the membership, and perhaps the community at large, to the various CORS Awards (Lardner, Solandt, Merit, and Service). Publicizing the awards and their recipients more broadly should be explored.

The specific survey results falling within the purview of the Journal INFOR Editor should be referred to him for further review, investigation and consideration.

The Editor of the CORS Bulletin should be advised that the membership wants future issues of the Bulletin to include feature articles highlighting non-academic OR pursuits; interviews, profiles, and features on careers, OR programs, and practitioners; and generally more useful, professional development information for practitioners, non-academics and new graduates.

A Subcommittee of Council should be established to investigate whether INFORMS would be receptive to the idea of a dual CORS/INFORMS membership and the specifics of how such a membership would be implemented.

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*Appendix A: English Version of the 2010 Membership Survey*

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# CORS Membership Survey February 2010

## CORS Membership Survey, February 2010

Thank you for taking the time to complete the CORS Membership Survey. This survey will help CORS Council assess the effectiveness of the Society in advancing the theory and practice of Operational Research in Canada and identify areas where policy initiatives or changes may be required to provide better services to its members. Your feedback is important!

The survey should only take about 10 minutes of your time. Your answers will be completely anonymous. The deadline for submissions is March 31, 2010.

Survey results will be presented in the 2009-2010 Annual Membership Report and discussed at the Annual General Meeting to be held on May 27, 2010 during the MITACS/CORS 2010 conference in Edmonton. A summary will also appear in the July issue of the CORS Bulletin.

If you have any questions about the survey, please contact Wendy L. Caron, CORS Membership Services at [caronwendyl@sympatico.ca](mailto:caronwendyl@sympatico.ca).

# CORS Membership Survey February 2010

## Evaluation of Current Offerings

1. Rate each product and benefit listed below by its importance to you.

	Very Important	Important	Somewhat Important	Not Important	No Opinion
CORS Annual Conference	30	30	30	30	30
INFOR Journal	30	30	30	30	30
CORS Bulletin	30	30	30	30	30
Local Section Meetings/Activities	30	30	30	30	30
Networking Opportunities	30	30	30	30	30
CORS Website	30	30	30	30	30
Membership Directory	30	30	30	30	30
CORS ListServ	30	30	30	30	30
Larnder Award	30	30	30	30	30
Omand Solandt Award	30	30	30	30	30
CORS Award of Merit	30	30	30	30	30
CORS Service Award	30	30	30	30	30
CORS Practice Prize	30	30	30	30	30
CORS Student Paper Competition (Undergraduate)	30	30	30	30	30
CORS Student Paper Competition (Open)	30	30	30	30	30
Student Simulation Competition	30	30	30	30	30
CORS Diploma	30	30	30	30	30
Graduate Student Conference Support	30	30	30	30	30
Graduate Student Funding to attend CORS Conferences	30	30	30	30	30
Traveling Speakers Program	30	30	30	30	30
Discounted CORS Conference Fee	30	30	30	30	30

# CORS Membership Survey February 2010

## Evaluation of Current Offerings (continued)

2. Rate each product for its quality.

	Excellent	Good	Satisfactory	Needs Improvement	Needs Significant Improvement	No Opinion
CORS Annual Conference	100	100	100	100	100	100
INFOR Journal	100	100	100	100	100	100
CORS Bulletin	100	100	100	100	100	100
Local Section Meetings and Activities	100	100	100	100	100	100
Networking Opportunities	100	100	100	100	100	100
CORS Website	100	100	100	100	100	100
Membership Directory	100	100	100	100	100	100
CORS ListServ	100	100	100	100	100	100
Discounted CORS Conference Fee	100	100	100	100	100	100

3. If you have indicated a product needs improvement or significant improvement, provide details of its shortcomings and how they could be addressed in the space provided below.

# CORS Membership Survey February 2010

## Evaluation of Current Offerings (continued)

4. Rate your level of satisfaction with how the following Awards, competitions, and programs are managed.

	Very Satisfied	Satisfied	Neutral	Dissatisfied	Very Dissatisfied	No Opinion
Larnder Award	jn	jn	jn	jn	jn	jn
Omand Solandt Award	jn	jn	jn	jn	jn	jn
CORS Award of Merit	jn	jn	jn	jn	jn	jn
CORS Service Award	jn	jn	jn	jn	jn	jn
CORS Practice Prize	jn	jn	jn	jn	jn	jn
CORS Student Paper Competition (Undergraduate)	jn	jn	jn	jn	jn	jn
CORS Student Paper Competition (Open)	jn	jn	jn	jn	jn	jn
CORS Diploma	jn	jn	jn	jn	jn	jn
Graduate Student Conference Support	jn	jn	jn	jn	jn	jn
Graduate Student Funding to Attend CORS Conferences	jn	jn	jn	jn	jn	jn
Student Simulation Competition	jn	jn	jn	jn	jn	jn
Traveling Speakers Program	jn	jn	jn	jn	jn	jn

5. If you have indicated you are dissatisfied or very dissatisfied with how an Award, competition or program is being managed, provide details of the shortcomings and how they could be addressed in the space provided below.

## Evaluation of Current Offerings (continued)

6. Indicate the top three benefits/opportunities that most influenced your decision to join CORS.

- Discounted fee to attend the CORS Annual Conference
- INFOR Journal subscription
- CORS Bulletin
- Local Section meetings/activities
- Networking opportunities
- Access to the Membership Directory
- Access to the CORS ListServ
- CORS Prizes and Awards
- CORS Diploma
- Student Funding Programs to attend conferences
- Enhanced credibility as an OR professional/practitioner
- Professional development
- Pride in or loyalty to the Canadian OR community

Other (please specify)

	5
	6



# CORS Membership Survey February 2010

## Evaluation of Potential Initiatives

### 7. Which of the following potential initiatives appeal to you?

	Very Interested	Interested	Somewhat Interested	Not Interested	No Opinion
Establishing Special Interest Groups within the Society	100	100	100	100	100
Listing a member's area of interest in the Membership Directory	100	100	100	100	100
Offering multi-year membership renewals	100	100	100	100	100
Offering a dual membership in CORS and INFORMS	100	100	100	100	100
Establishing a CORS sponsored LinkedIn group	100	100	100	100	100
Establishing new Awards to recognize mid-career professionals	100	100	100	100	100
Proactively publicize CORS	100	100	100	100	100
Including interviews, profiles, and features on careers, OR programs, and practitioners in the Bulletin	100	100	100	100	100

Additional suggestions?

# CORS Membership Survey February 2010

## Membership Satisfaction

8. Please indicate your opinion on the following statements.

	Strongly Agree	Agree	Neutral	Disagree	Strongly Disagree	No Opinion
CORS offers a good level of service to members.	jn	jn	jn	jn	jn	jn
Overall I am satisfied with the products and benefits offered to CORS members.	jn	jn	jn	jn	jn	jn
CORS membership fees are in keeping with the benefits and level of service provided.	jn	jn	jn	jn	jn	jn
I would be willing to pay more to sustain CORS activities.	jn	jn	jn	jn	jn	jn
I believe I get good value from my CORS membership.	jn	jn	jn	jn	jn	jn
It is important to receive official CORS correspondence (invoice notices, ballots, etc.) by surface mail.	jn	jn	jn	jn	jn	jn
All contact with CORS members should be handled electronically.	jn	jn	jn	jn	jn	jn
The Bulletin is a useful resource providing news items on CORS activities and articles of interest and relevance to members.	jn	jn	jn	jn	jn	jn
My local section is active.	jn	jn	jn	jn	jn	jn
My local section offers a satisfactory number of opportunities for interacting and networking with colleagues.	jn	jn	jn	jn	jn	jn
I intend to remain a member of CORS for the foreseeable future.	jn	jn	jn	jn	jn	jn
I would participate in local section activities if offered.	jn	jn	jn	jn	jn	jn

# CORS Membership Survey February 2010

## Membership Satisfaction (continued)

9. If you do not intend to remain a member of CORS in the foreseeable future, please indicate the reason(s) why. Choose all that apply.

- I do not find value in membership.
- I do not have time to be involved in CORS' activities.
- Membership fees are too high.
- Will no longer be active in the OR community.
- My reasons for joining will have been satisfied.

Other (please specify)

10. If you could pass along just one piece of feedback to CORS Council on any matter/idea/program/vision, what would that be?

11. Are there any other comments, suggestions or issues you would like to communicate to CORS Council?

## About You

12. To which CORS Local Section do you belong?

- Atlantic
- Quebec
- Montreal
- Kingston
- Ottawa
- Toronto
- Toronto Student
- Waterloo Student
- Southwest Ontario
- Winnipeg
- Saskatoon
- Calgary
- Edmonton
- Vancouver
- International
- Don't know/Don't wish to disclose

## CORS Membership Survey February 2010

13. To which professional organizations do you belong? Choose all that apply.

- Institute for Operations Research and the Management Sciences (INFORMS)
- Institute of Industrial Engineers (IIE)
- Administrative Sciences Association of Canada (ASAC)
- Mathematical Programming Society (MPS)
- Statistical Society of Canada (SSC)

Other (please specify)

## About You (continued)

14. In which sector are you currently employed?

- Academia
- Industry
- Government
- Consulting
- Student

Other (please specify)

## CORS Membership Survey February 2010

15. I would be interested in the establishment of the following special interest groups within CORS. Choose all that apply.

- Combinatorics
- Computing
- Decision Analysis
- Energy
- Financial Services
- Forestry
- Game Theory
- Group Decision and Negotiation
- Health Applications
- Information Systems
- Location Analysis
- Manufacturing
- Military
- Optimization
- Natural Resource Management
- Operations Management
- Public Sector
- Queueing theory
- Revenue Management
- Services
- Simulation
- Stochastic Models
- Supply Chain Management
- Telecommunications
- Transportation

Other (please specify)





# CORS Membership Survey February 2010

Thank you for participating.

Thank you for taking the time to complete the CORS membership survey. Your participation and input is appreciated.

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*Appendix B: French Version of the 2010 Membership Survey*

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# French version of CORS Membership Survey February 2010

## Sondage des membres février 2010

Nous vous remercions d'avoir pris le temps de remplir le Sondage des membres de la SCRO. Grâce à ce sondage, le Conseil de la SCRO pourra mieux évaluer l'efficacité de la Société à promouvoir l'avancement de la recherche opérationnelle au Canada, aussi bien dans ses aspects théoriques que pratiques, et déterminer les secteurs où la Société devrait mettre en œuvre de nouvelles politiques ou modifier celles en place afin d'offrir de meilleurs services à ses membres. Votre opinion est importante pour nous!

Il ne vous faudra que 10 minutes environ pour répondre au sondage. Vos réponses demeureront anonymes. Les réponses au sondage doivent nous parvenir au plus tard le 31 mars 2010.

Les résultats du sondage figureront dans le Rapport annuel sur l'effectif de la Société 2009-2010 et ils seront examinés à l'assemblée générale annuelle qui se tiendra le 27 mai 2010 dans le cadre du congrès SCRO-MITACS 2010 à Edmonton. Un résumé paraîtra aussi dans le numéro de juillet du Bulletin de la SCRO.

Pour toute question sur le sondage, veuillez communiquer avec Wendy L. Caron, Services aux membres de la SCRO, à [caronwendyl@sympatico.ca](mailto:caronwendyl@sympatico.ca).

# French version of CORS Membership Survey February 2010

## Évaluation des services et produits actuels

1. Évaluez chaque produit et avantage énuméré ci-dessous en fonction de l'importance qu'il a pour vous.

	Très important	Important	Assez important	Peu important	Sans opinion
Congrès annuel de la SCRO	j0	j0	j0	j0	j0
Revue INFOR	j0	j0	j0	j0	j0
Bulletin de la SCRO	j0	j0	j0	j0	j0
Rencontres et activités des sections locales	j0	j0	j0	j0	j0
Occasions de réseautage	j0	j0	j0	j0	j0
Site Web de la SCRO	j0	j0	j0	j0	j0
Répertoire des membres	j0	j0	j0	j0	j0
Serveur de liste de la SCRO	j0	j0	j0	j0	j0
Prix Larnder	j0	j0	j0	j0	j0
Prix Omand Solandt	j0	j0	j0	j0	j0
Prix du mérite de la SCRO	j0	j0	j0	j0	j0
Prix de services de la SCRO	j0	j0	j0	j0	j0
Concours sur la pratique de la SCRO	j0	j0	j0	j0	j0
Concours du meilleur article par un étudiant de la SCRO (Niveau baccalauréat)	j0	j0	j0	j0	j0
Concours du meilleur article par un étudiant de la SCRO (Ouvert à tous)	j0	j0	j0	j0	j0
Concours de simulation	j0	j0	j0	j0	j0
Diplôme de la SCRO	j0	j0	j0	j0	j0
Aide financière aux étudiants diplômés pour les congrès	j0	j0	j0	j0	j0
Financement des étudiants diplômés pour assister au congrès annuel de la SCRO	j0	j0	j0	j0	j0
Programme de conférenciers itinérants	j0	j0	j0	j0	j0
Frais d'inscription réduits au congrès annuel de la SCRO	j0	j0	j0	j0	j0

## Évaluation des services et produits actuels (suite)

2. Évaluez la qualité de chaque produit.

	Excellente	Bonne	Satisfaisante	À améliorer	À améliorer grandement	Sans opinion
Congrès annuel de la SCRO	j0	j0	j0	j0	j0	j0
Revue INFOR	j0	j0	j0	j0	j0	j0
Bulletin de la SCRO	j0	j0	j0	j0	j0	j0
Rencontres et activités des sections locales	j0	j0	j0	j0	j0	j0
Occasions de réseautage	j0	j0	j0	j0	j0	j0
Site Web de la SCRO	j0	j0	j0	j0	j0	j0
Répertoire des membres	j0	j0	j0	j0	j0	j0
Serveur de liste de la SCRO	j0	j0	j0	j0	j0	j0
Frais d'inscription réduits au congrès annuel de la SCRO	j0	j0	j0	j0	j0	j0

3. Si vous avez indiqué qu'il fallait améliorer ou améliorer grandement un produit, décrivez en détail dans l'espace ci-dessous les lacunes observées et les moyens d'y remédier.

# French version of CORS Membership Survey February 2010

## Évaluation des services et produits actuels (suite)

4. Évaluez votre niveau de satisfaction à l'égard de l'administration des prix, concours et programmes suivants.

	Très satisfait	Satisfait	Neutre	Insatisfait	Très insatisfait	Sans opinion
Prix Larnder	jn	jn	jn	jn	jn	jn
Prix Omand Solandt	jn	jn	jn	jn	jn	jn
Prix du mérite de la SCRO	jn	jn	jn	jn	jn	jn
Prix de services de la SCRO	jn	jn	jn	jn	jn	jn
Concours sur la pratique de la SCRO	jn	jn	jn	jn	jn	jn
Concours du meilleur article par un étudiant de la SCRO (Niveau baccalauréat)	jn	jn	jn	jn	jn	jn
Concours du meilleur article par un étudiant de la SCRO (Ouvert à tous)	jn	jn	jn	jn	jn	jn
Concours de simulation	jn	jn	jn	jn	jn	jn
Diplôme de la SCRO	jn	jn	jn	jn	jn	jn
Aide financière aux étudiants diplômés pour les congrès	jn	jn	jn	jn	jn	jn
Financement des étudiants diplômés pour assister au congrès annuel de la SCRO	jn	jn	jn	jn	jn	jn
Programme de conférenciers itinérants	jn	jn	jn	jn	jn	jn

5. Si vous avez indiqué être insatisfait ou très insatisfait à l'égard de l'administration d'un prix, concours ou programme, décrivez en détail dans l'espace ci-dessous les lacunes observées et les moyens d'y remédier.

## Évaluation des services et produits actuels (suite)

6. Indiquez les trois avantages ou possibilités qui ont influencé le plus votre décision d'adhérer à la SCRO.

- Frais d'inscription réduits au congrès annuel de la SCRO
- Abonnement à la revue INFOR
- Bulletin de la SCRO
- Rencontres et activités des sections locales
- Occasions de réseautage
- Accès au répertoire des membres
- Accès au serveur de liste de la SCRO
- Prix et récompenses de la SCRO
- Diplôme de la SCRO
- Aide financière aux étudiants pour assister à des congrès
- Crédibilité accrue à titre de professionnel ou praticien de la RO
- Perfectionnement professionnel
- Fierté ou loyauté à l'égard de la communauté canadienne de RO

Autres (veuillez préciser)

	5
	6

## Évaluation d'initiatives possibles

### 7. Parmi les initiatives possibles suivantes, lesquelles vous intéressent?

	Vif intérêt	Intérêt	Intérêt relatif	Pas d'intérêt	Sans opinion
Établissement de groupes d'intérêt au sein de la Société	jn	jn	jn	jn	jn
Mention dans le répertoire des membres d'un centre d'intérêt pour chaque membre	jn	jn	jn	jn	jn
Possibilité de renouveler l'adhésion pour plusieurs années	jn	jn	jn	jn	jn
Offre d'une adhésion conjointe à la SCRO et à INFORMS	jn	jn	jn	jn	jn
Établissement d'un groupe LinkedIn parrainé par la SCRO	jn	jn	jn	jn	jn
Création de nouveaux prix pour souligner les réalisations de professionnels en milieu de carrière	jn	jn	jn	jn	jn
Publicité proactive de la SCRO	jn	jn	jn	jn	jn
Inclusion dans le Bulletin d'entrevues, de portraits et d'articles de fond sur les perspectives de carrière, les programmes de RO et des praticiens.	jn	jn	jn	jn	jn

Suggestions supplémentaires ?



# French version of CORS Membership Survey February 2010

## Satisfaction des membres

8. Veuillez exprimer votre opinion sur les énoncés suivants.

	Tout à fait d'accord	D'accord	Neutre	Pas d'accord	Pas du tout d'accord	Sans opinion
La SCRO offre un bon niveau de service aux membres.	jn	jn	jn	jn	jn	jn
Dans l'ensemble, je suis satisfait(e) des produits et avantages offerts aux membres de la SCRO.	jn	jn	jn	jn	jn	jn
Les droits d'adhésion à la SCRO correspondent aux avantages et au niveau de service offerts.	jn	jn	jn	jn	jn	jn
Je serais disposé(e) à payer plus pour soutenir les activités de la SCRO.	jn	jn	jn	jn	jn	jn
L'adhésion à la SCRO m'en donne pour mon argent.	jn	jn	jn	jn	jn	jn
Il est important de recevoir la correspondance de la SCRO (avis de facturation, bulletins de vote, etc.) par courrier de surface.	jn	jn	jn	jn	jn	jn
Toutes les communications avec les membres de la SCRO devraient se faire par voie électronique.	jn	jn	jn	jn	jn	jn
Le Bulletin est une ressource utile qui fournit des renseignements sur les activités de la SCRO et contient des articles intéressants et pertinents pour les membres.	jn	jn	jn	jn	jn	jn
Ma section locale est active.	jn	jn	jn	jn	jn	jn
Ma section locale offre un nombre satisfaisant de possibilités pour interagir et réseauter avec des collègues.	jn	jn	jn	jn	jn	jn

## French version of CORS Membership Survey February 2010

J'ai l'intention de rester  
membre de la SCRO  
dans un avenir  
prévisible.

jn

jn

jn

jn

jn

jn

Je participerais aux  
activités d'une section  
locale si elles étaient  
offertes.

jn

jn

jn

jn

jn

jn

## Satisfaction des membres (suite)

9. Si vous n'avez pas l'intention de rester membre de la SCRO dans un avenir prévisible, veuillez en indiquer les raisons. Cochez tous les énoncés qui s'appliquent.

- L'adhésion à la SCRO ne m'est d'aucune utilité.
- Je n'ai pas le temps de participer aux activités de la SCRO.
- Les droits d'adhésion sont trop élevés.
- Je ne serai plus actif au sein de la communauté de RO.
- Les besoins qui ont motivé mon adhésion à la SCRO ont été comblés.

Autres (veuillez préciser)

	5
	6

10. Si vous pouviez formuler un commentaire au Conseil de la SCRO sur tout sujet, idée, programme, vision, quel serait-il?

	5
	6

11. Y a-t-il d'autres remarques, suggestions ou préoccupations dont vous aimeriez faire part au Conseil de la SCRO?

	5
	6

## Renseignements personnels

12. À quelle section locale de la SCRO appartenez-vous?

- Atlantique
- Québec
- Montréal
- Kingston
- Ottawa
- Toronto
- Section étudiante de Toronto
- Section étudiante de Waterloo
- Sud-Ouest de l'Ontario
- Winnipeg
- Saskatoon
- Calgary
- Edmonton
- Vancouver
- International
- Je ne sais pas/Ne souhaite pas divulguer

## French version of CORS Membership Survey February 2010

13. À quels organismes professionnels appartenez-vous? Cochez toutes les cases qui s'appliquent.

- Institute for Operations Research and the Management Sciences (INFORMS)
- Institute of Industrial Engineers (IIE)
- Association des sciences administratives du Canada (ASAC)
- Mathematical Programming Society (MPS)
- Société statistique du Canada (SSC)

Autres (veuillez préciser)

	5
	6

## Renseignements personnels (suite)

14. Dans quel secteur travaillez-vous actuellement?

Milieu universitaire

Industrie

Gouvernement

Services-conseils

Étudiant

Autre (veuillez préciser)

## French version of CORS Membership Survey February 2010

15. J'aimerais que la SCRO mette sur pied les groupes d'intérêt suivants au sein de la SCRO. Cochez toutes les cases qui s'appliquent.

- Combinatoire
- Calcul
- Analyse de la décision
- Énergie
- Services financiers
- Foresterie
- Théorie des jeux
- Décision de groupe et négociation
- Applications en soins de santé
- Systèmes d'information
- Analyse de localisation
- Production
- Applications militaires
- Optimisation
- Gestion des ressources naturelles
- Gestion opérationnelle
- Secteur public
- Théorie des files d'attente
- Gestion des revenus
- Services
- Simulation
- Modèles stochastiques
- Gestion de la chaîne d'approvisionnement
- Télécommunications
- Transport

Autres (veuillez préciser)





## French version of CORS Membership Survey February 2010

Merci de votre participation.

Merci d'avoir pris le temps de remplir le sondage des membres de la SCRO. Votre participation et vos commentaires sont grandement appréciés.

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*Appendix C: Membership Survey ListServ Messages*

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LISTSERV 14.5



**Date:** Wed, 10 Feb 2010 08:47:19 -0500  
**Reply-To:** CORS-L - Canadian Operational Research Society  
 <CORS-L@LISTSERV.UWINDSOR.CA>  
**Sender:** CORS-L - Canadian Operational Research Society  
 <CORS-L@LISTSERV.UWINDSOR.CA>  
**From:** CORS ListServ <rcaron@UWINDSOR.CA>  
**Subject:** CORS Membership Survey  
 - Please participate / Sondage des membres de la SCRO - Nous comptons sur votre participation!  
**Content-Type:** text/plain; charset="windows-1252"

\*\*\*\*Une version française de ce message suit l'anglais.\*\*\*\*

At the direction of CORS Council, a survey of the CORS membership is being undertaken to obtain feedback on whether the Society is meeting the expectations of its members. It is a means to ensure that membership in the Society retains its value. Consequently, your participation is not only important but essential if CORS is to remain effective and relevant.

The survey itself will take about ten minutes of your time to complete. Providing a response to every question would be appreciated. Be assured that your answers will be anonymous. Survey results will be highlighted at the AGM at MITACS/CORS 2010, Edmonton and presented in their entirety in the 2009-2010 Annual Membership Report which will be posted in June 2010 in the website Library. When the results are available, you will be notified and provided with the URL to access the findings.

To take part in the survey go to  
<http://www.surveymonkey.com/s/CORSSurveyFeb2010> before March 31, 2010.

If you experience any difficulties or have any questions about the survey please contact Wendy L. Caron, CORS Membership Services at [caronwendyl@sympatico.ca](mailto:caronwendyl@sympatico.ca).

Taraneh Sowlati  
 Chair, Membership Committee

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À la demande du Conseil de la SCRO, nous procédons actuellement à un sondage des membres de la SCRO afin de déterminer si la Société répond aux attentes de ses membres. Nous voulons ainsi nous assurer que l'adhésion à la Société conserve toute sa valeur. Par conséquent, votre participation est non seulement importante, mais essentielle pour maintenir l'efficacité et la pertinence de la SCRO.

Il vous faudra environ 10 minutes pour répondre au sondage. Nous vous prions de bien vouloir répondre à toutes les questions. Soyez assurés que vos réponses resteront anonymes. Nous présenterons un résumé des résultats du sondage à l'AGA du congrès SCRO-MITACS 2010 à Edmonton, et les membres pourront consulter les résultats dans leur intégralité dans le Rapport annuel sur l'effectif de la Société 2009-2010 qui sera affiché dans la section Bibliothèque du site Web de la Société.


Pour participer au sondage, rendez-vous à l'adresse  
<http://www.surveymonkey.com/s/CORSSurveyFrenchFeb2010> d'ici le 31 mars 2010.


En cas de problème ou pour toute question sur le sondage, veuillez communiquer avec Wendy L. Caron, Services aux membres de la SCRO, à [caronwendyl@sympatico.ca](mailto:caronwendyl@sympatico.ca).

La présidente du Comité d'adhésion,  
 Taraneh Sowlati

\*\*\*\*\*

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LISTSERV 14.5



**Date:** Mon, 22 Feb 2010 10:18:51 -0500  
**Reply-To:** CORS-L - Canadian Operational Research Society  
 <CORS-L@LISTSERV.UWINDSOR.CA>  
**Sender:** CORS-L - Canadian Operational Research Society  
 <CORS-L@LISTSERV.UWINDSOR.CA>  
**From:** CORS ListServ <rcaron@UWINDSOR.CA>  
**Subject:** Don't forget to complete the CORS Membership Survey / N'oubliez pas de répondre  
 au Sondage des membres de la SCRO  
**Content-Type:** text/plain; charset="windows-1252"

\*\*\*\*Une version française de ce message suit l'anglais.\*\*\*\*

To date only 66 members have completed the Membership Survey; a 16% response rate. Please, if you haven't already done so, go to <http://www.surveymonkey.com/s/CORSSurveyFeb2010> before March 31, 2010 and complete the survey. It will only take ten minutes of your time and your answers will be anonymous.

The survey is being undertaken to obtain feedback on whether the Society is meeting the expectations of its members so your participation is not only important but essential if CORS is to remain effective and relevant.

If you experience any difficulties or have any questions about the survey please contact Wendy L. Caron, CORS Membership Services at [caronwendyl@sympatico.ca](mailto:caronwendyl@sympatico.ca).

Taraneh Sowlati  
 Chair, Membership Committee

\*\*\*\*\*

À ce jour, seulement 66 membres ont rempli le Sondage des membres, soit un taux de réponse de 16 %. Si vous ne l'avez pas encore fait, nous vous prions de vous rendre à l'adresse <http://www.surveymonkey.com/s/CORSSurveyFeb2010> d'ici le 31 mars 2010 et de participer au sondage. Il ne vous faudra que 10 minutes pour répondre au sondage et vos réponses resteront anonymes.

Ce sondage vise à déterminer si la Société répond aux attentes de ses membres. Votre participation est, par conséquent, non seulement importante, mais essentielle pour maintenir l'efficacité et la pertinence de la SCRO

Si vous éprouvez des difficultés ou si avez des questions sur le sondage, veuillez communiquer avec Wendy L. Caron, Services aux membres de la SCRO, à [caronwendyl@sympatico.ca](mailto:caronwendyl@sympatico.ca).



La présidente du Comité d'adhésion,  
 Taraneh Sowlati


\*\*\*\*\*


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LISTSERV.UWINDSOR.CA




LISTSERV 14.5



**Date:** Mon, 15 Mar 2010 09:08:20 -0400  
**Reply-To:** CORS-L - Canadian Operational Research Society  
 <CORS-L@LISTSERV.UWINDSOR.CA>  
**Sender:** CORS-L - Canadian Operational Research Society  
 <CORS-L@LISTSERV.UWINDSOR.CA>  
**From:** CORS ListServ <rcaron@UWINDSOR.CA>  
**Subject:** One last request to complete the CORS Membership Survey / Dernier  
 rappel pour le Sondage des membres de la SCRO  
**Content-Type:** text/plain; charset="windows-1252"

\*\*\*\*Une version française de ce message suit l'anglais.\*\*\*\*

One last request to complete the CORS Membership Survey

To date 110 members have completed the Membership Survey; a 27% response rate. While this represents a satisfactory level, a higher response rate would provide a better reflection of the views of the membership so please, if you haven't already done so, go to <http://www.surveymonkey.com/s/CORSSurveyFeb2010> before March 31, 2010 and complete the survey. It will only take ten minutes of your time and your answers will be anonymous.

The survey is being undertaken to obtain feedback on whether the Society is meeting the expectations of its members so your participation is not only important but essential if CORS is to remain effective and relevant.

If you experience any difficulties or have any questions about the survey please contact Wendy L. Caron, CORS Membership Services at [caronwendyl@sympatico.ca](mailto:caronwendyl@sympatico.ca).

Taraneh Sowlati  
 Chair, Membership Committee

\*\*\*\*\*

Dernier rappel pour le Sondage des membres de la SCRO

À ce jour, seulement 110 membres ont rempli le Sondage des membres, soit un taux de réponse de 27 %. Bien que le taux de réponse soit satisfaisant, un taux plus élevé refléterait plus fidèlement les vues de l'ensemble des membres. Par conséquent, si vous n'avez pas encore rempli le sondage, nous vous prions de vous rendre à l'adresse <http://www.surveymonkey.com/s/CORSSurveyFeb2010> avant le 31 mars 2010 pour y participer. Il ne vous faudra que 10 minutes pour répondre au sondage et vos réponses resteront anonymes.

Ce sondage vise à déterminer si la Société répond aux attentes de ses membres. Votre participation est, par conséquent, non seulement importante, mais essentielle pour maintenir l'efficacité et la pertinence de la SCRO

Si vous éprouvez des difficultés ou si avez des questions sur le sondage, veuillez communiquer avec Wendy L. Caron, Services aux membres de la SCRO, à [caronwendyl@sympatico.ca](mailto:caronwendyl@sympatico.ca).



La présidente du Comité d'adhésion,  
 Taraneh Sowlati


\*\*\*\*\*


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LISTSERV.UWINDSOR.CA




LISTSERV 14.5



**Date:** Wed, 31 Mar 2010 08:18:27 -0400  
**Reply-To:** CORS-L - Canadian Operational Research Society  
 <CORS-L@LISTSERV.UWINDSOR.CA>  
**Sender:** CORS-L - Canadian Operational Research Society  
 <CORS-L@LISTSERV.UWINDSOR.CA>  
**From:** CORS ListServ <rcaron@UWINDSOR.CA>  
**Subject:** Last day to complete the CORS Membership Survey/ Dernier jour  
 pour remplir le Sondage des membres de la SCRO  
**Content-Type:** text/plain; charset="windows-1252"

If you haven't already done so, go to  
<http://www.surveymonkey.com/s/CORSSurveyFeb2010> and complete the CORS  
 Membership Survey. It will only take ten minutes of your time and your  
 answers will be anonymous.

The survey is being undertaken to obtain feedback on whether the Society  
 is meeting the expectations of its members so your participation is not  
 only important but essential if CORS is to remain effective and relevant.

If you experience any difficulties or have any questions about the survey  
 please contact Wendy L. Caron, CORS Membership Services at  
[caronwendyl@sympatico.ca](mailto:caronwendyl@sympatico.ca).

Si vous n'avez pas encore rempli le sondage, nous vous prions de vous  
 rendre à l'adresse <http://www.surveymonkey.com/s/CORSSurveyFrenchFeb2010>  
 pour y participer. Il ne vous faudra que 10 minutes pour répondre au  
 sondage et vos réponses resteront anonymes.



Ce sondage vise à déterminer si la Société répond aux attentes de ses  
 membres. Votre participation est, par conséquent, non seulement  
 importante, mais essentielle pour maintenir l'efficacité et la pertinence  
 de la SCRO

Si vous éprouvez des difficultés ou si avez des questions sur le sondage,  
 veuillez communiquer avec Wendy L. Caron, Services aux membres de la SCRO,  
 à [caronwendyl@sympatico.ca](mailto:caronwendyl@sympatico.ca).

\*\*\*\*\*  
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*Appendix D: SurveyMonkey English Survey Results Summary*

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# CORS Membership Survey February 2010

1. Rate each product and benefit listed below by its importance to you.							
	Very Important	Important	Somewhat Important	Not Important	No Opinion	Rating Average	Response Count
CORS Annual Conference	<b>36.6% (49)</b>	32.1% (43)	19.4% (26)	5.2% (7)	6.7% (9)	3.75	134
INFOR Journal	27.1% (36)	<b>30.1% (40)</b>	23.3% (31)	15.8% (21)	3.8% (5)	3.41	133
CORS Bulletin	21.1% (28)	<b>44.4% (59)</b>	28.6% (38)	2.3% (3)	3.8% (5)	3.71	133
Local Section Meetings/Activities	17.9% (24)	<b>28.4% (38)</b>	<b>28.4% (38)</b>	17.9% (24)	7.5% (10)	3.06	134
Networking Opportunities	26.3% (35)	<b>42.9% (57)</b>	18.0% (24)	12.0% (16)	0.8% (1)	3.69	133
CORS Website	21.1% (28)	<b>39.8% (53)</b>	30.1% (40)	7.5% (10)	1.5% (2)	3.62	133
Membership Directory	12.7% (17)	<b>36.6% (49)</b>	35.8% (48)	10.4% (14)	4.5% (6)	3.28	134
CORS ListServ	21.6% (29)	<b>38.8% (52)</b>	23.1% (31)	8.2% (11)	8.2% (11)	3.41	134
Larnder Award	11.4% (15)	<b>25.0% (33)</b>	20.5% (27)	19.7% (26)	23.5% (31)	2.38	132
Omand Solandt Award	12.7% (17)	21.6% (29)	19.4% (26)	18.7% (25)	<b>27.6% (37)</b>	2.27	134
CORS Award of Merit	16.7% (22)	<b>25.8% (34)</b>	19.7% (26)	15.9% (21)	22.0% (29)	2.61	132
CORS Service Award	15.0% (20)	<b>29.3% (39)</b>	18.0% (24)	17.3% (23)	20.3% (27)	2.64	133
CORS Practice Prize	22.6% (30)	<b>32.3% (43)</b>	18.8% (25)	12.8% (17)	13.5% (18)	3.11	133
CORS Student Paper Competition (Undergraduate)	<b>30.4% (41)</b>	28.9% (39)	17.8% (24)	10.4% (14)	12.6% (17)	3.31	135
CORS Student Paper Competition (Open)	31.1% (42)	<b>31.9% (43)</b>	17.0% (23)	8.1% (11)	11.9% (16)	3.42	135



Student Simulation Competition	17.9% (24)	<b>36.6% (49)</b>	18.7% (25)	10.4% (14)	16.4% (22)	3.02	134
CORS Diploma	20.3% (27)	24.1% (32)	<b>25.6% (34)</b>	15.8% (21)	14.3% (19)	2.90	133
Graduate Student Conference Support	<b>31.9% (43)</b>	30.4% (41)	19.3% (26)	8.9% (12)	9.6% (13)	3.47	135
Graduate Student Funding to attend CORS Conferences	<b>35.8% (48)</b>	29.1% (39)	17.9% (24)	8.2% (11)	9.0% (12)	3.57	134
Traveling Speakers Program	23.5% (31)	<b>26.5% (35)</b>	25.0% (33)	12.9% (17)	12.1% (16)	3.11	132
Discounted CORS Conference Fee	27.3% (36)	<b>31.1% (41)</b>	21.2% (28)	10.6% (14)	9.8% (13)	3.35	132
	<b><i>answered question</i></b>						<b>135</b>
	<b><i>skipped question</i></b>						<b>0</b>

**2. Rate each product for its quality.**

	Excellent	Good	Satisfactory	Needs Improvement	Needs Significant Improvement	No Opinion	Rating Average	Response Count
CORS Annual Conference	25.6% (34)	<b>48.1% (64)</b>	10.5% (14)	0.0% (0)	0.0% (0)	15.8% (21)	3.52	133
INFOR Journal	19.8% (26)	<b>42.0% (55)</b>	22.9% (30)	4.6% (6)	3.8% (5)	6.9% (9)	3.49	131
CORS Bulletin	18.2% (24)	<b>49.2% (65)</b>	20.5% (27)	5.3% (7)	1.5% (2)	5.3% (7)	3.61	132
Local Section Meetings and Activities	7.7% (10)	22.3% (29)	13.1% (17)	12.3% (16)	7.7% (10)	<b>36.9% (48)</b>	1.99	130
Networking Opportunities	8.3% (11)	<b>28.0% (37)</b>	<b>28.0% (37)</b>	9.1% (12)	3.0% (4)	23.5% (31)	2.59	132
CORS Website	12.8% (17)	<b>35.3% (47)</b>	32.3% (43)	5.3% (7)	0.8% (1)	13.5% (18)	3.14	133
Membership Directory	11.3% (15)	<b>36.1% (48)</b>	24.1% (32)	4.5% (6)	0.8% (1)	23.3% (31)	2.83	133
CORS ListServ	15.2% (20)	<b>45.5% (60)</b>	18.2% (24)	1.5% (2)	0.0% (0)	19.7% (26)	3.15	132
Discounted CORS Conference Fee	9.2% (12)	<b>37.4% (49)</b>	19.1% (25)	2.3% (3)	0.0% (0)	32.1% (42)	2.57	131
	<b><i>answered question</i></b>							<b>133</b>
	<b><i>skipped question</i></b>							<b>2</b>

3. If you have indicated a product needs improvement or significant improvement, provide details of its shortcomings and how they could be addressed in the space provided below.

		Response Count
		30
	<i>answered question</i>	30
	<i>skipped question</i>	105

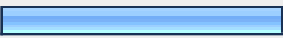
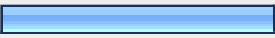
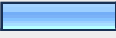
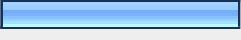
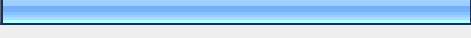

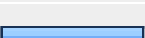

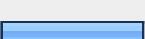

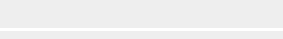
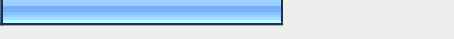
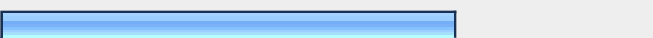
**4. Rate your level of satisfaction with how the following Awards, competitions, and programs are managed.**

	<b>Very Satisfied</b>	<b>Satisfied</b>	<b>Neutral</b>	<b>Dissatisfied</b>	<b>Very Dissatisfied</b>	<b>No Opinion</b>	<b>Rating Average</b>	<b>Response Count</b>
Larnder Award	11.6% (15)	24.8% (32)	14.0% (18)	0.8% (1)	0.0% (0)	<b>48.8% (63)</b>	2.01	129
Omand Solandt Award	10.9% (14)	22.5% (29)	14.7% (19)	0.8% (1)	0.0% (0)	<b>51.2% (66)</b>	1.90	129
CORS Award of Merit	12.5% (16)	26.6% (34)	12.5% (16)	0.8% (1)	0.0% (0)	<b>47.7% (61)</b>	2.08	128
CORS Service Award	10.9% (14)	31.8% (41)	11.6% (15)	0.0% (0)	0.0% (0)	<b>45.7% (59)</b>	2.16	129
CORS Practice Prize	13.2% (17)	29.5% (38)	13.2% (17)	0.8% (1)	0.0% (0)	<b>43.4% (56)</b>	2.25	129
CORS Student Paper Competition (Undergraduate)	12.4% (16)	29.5% (38)	14.0% (18)	0.8% (1)	0.0% (0)	<b>43.4% (56)</b>	2.23	129
CORS Student Paper Competition (Open)	14.0% (18)	31.8% (41)	14.0% (18)	1.6% (2)	0.0% (0)	<b>38.8% (50)</b>	2.42	129
CORS Diploma	13.2% (17)	25.6% (33)	17.1% (22)	1.6% (2)	0.8% (1)	<b>41.9% (54)</b>	2.23	129
Graduate Student Conference Support	11.6% (15)	27.1% (35)	15.5% (20)	1.6% (2)	0.0% (0)	<b>44.2% (57)</b>	2.16	129
Graduate Student Funding to Attend CORS Conferences	14.7% (19)	26.4% (34)	13.2% (17)	1.6% (2)	0.0% (0)	<b>44.2% (57)</b>	2.22	129
Student Simulation Competition	7.8% (10)	23.3% (30)	13.2% (17)	0.0% (0)	0.0% (0)	<b>55.8% (72)</b>	1.71	129
Traveling Speakers Program	15.0% (19)	25.2% (32)	13.4% (17)	0.0% (0)	0.8% (1)	<b>45.7% (58)</b>	2.17	127
	<b>answered question</b>							<b>129</b>
	<b>skipped question</b>							<b>6</b>

5. If you have indicated you are dissatisfied or very dissatisfied with how an Award, competition or program is being managed, provide details of the shortcomings and how they could be addressed in the space provided below.

		Response Count
		11
	<i>answered question</i>	11
	<i>skipped question</i>	124

**6. Indicate the top three benefits/opportunities that most influenced your decision to join CORS.**

		Response Percent	Response Count
Discounted fee to attend the CORS Annual Conference		24.6%	32
INFOR Journal subscription		23.8%	31
CORS Bulletin		10.0%	13
Local Section meetings/activities		20.8%	27
Networking opportunities		41.5%	54
Access to the Membership Directory		6.2%	8
Access to the CORS ListServ		12.3%	16
CORS Prizes and Awards		6.2%	8
CORS Diploma		12.3%	16
Student Funding Programs to attend conferences		6.2%	8
Enhanced credibility as an OR professional/practitioner		24.6%	32
Professional development		40.0%	52
<b>Pride in or loyalty to the Canadian OR community</b>		<b>57.7%</b>	<b>75</b>
Other (please specify)			7
		<b>answered question</b>	<b>130</b>

		<i>skipped question</i>	<b>5</b>
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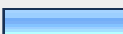
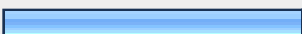
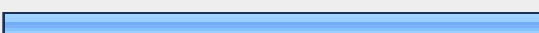
<b>7. Which of the following potential initiatives appeal to you?</b>							
	<b>Very Interested</b>	<b>Interested</b>	<b>Somewhat Interested</b>	<b>Not Interested</b>	<b>No Opinion</b>	<b>Rating Average</b>	<b>Response Count</b>
Establishing Special Interest Groups within the Society	23.8% (31)	<b>33.1% (43)</b>	26.9% (35)	8.5% (11)	7.7% (10)	3.41	130
Listing a member's area of interest in the Membership Directory	15.0% (19)	<b>43.3% (55)</b>	29.1% (37)	5.5% (7)	7.1% (9)	3.41	127
Offering multi-year membership renewals	16.2% (21)	<b>31.5% (41)</b>	26.2% (34)	17.7% (23)	8.5% (11)	3.03	130
Offering a dual membership in CORS and INFORMS	<b>36.9% (48)</b>	34.6% (45)	13.8% (18)	8.5% (11)	6.2% (8)	3.73	130
Establishing a CORS sponsored LinkedIn group	8.7% (11)	18.3% (23)	19.0% (24)	<b>27.8% (35)</b>	26.2% (33)	2.02	126
Establishing new Awards to recognize mid-career professionals	11.9% (15)	22.2% (28)	<b>25.4% (32)</b>	20.6% (26)	19.8% (25)	2.45	126
Proactively publicize CORS	23.4% (30)	<b>30.5% (39)</b>	21.9% (28)	11.7% (15)	12.5% (16)	3.16	128
Including interviews, profiles, and features on careers, OR programs, and practitioners in the Bulletin	21.4% (28)	<b>42.7% (56)</b>	20.6% (27)	6.1% (8)	9.2% (12)	3.46	131
					Additional suggestions?		9
					<i>answered question</i>		<b>131</b>
					<i>skipped question</i>		<b>4</b>

**8. Please indicate your opinion on the following statements.**

	Strongly Agree	Agree	Neutral	Disagree	Strongly Disagree	No Opinion	Rating Average	Response Count
CORS offers a good level of service to members.	14.7% (19)	<b>63.6% (82)</b>	18.6% (24)	1.6% (2)	0.0% (0)	1.6% (2)	3.87	129
Overall I am satisfied with the products and benefits offered to CORS members.	11.6% (15)	<b>69.8% (90)</b>	14.0% (18)	3.1% (4)	0.8% (1)	0.8% (1)	3.86	129
CORS membership fees are in keeping with the benefits and level of service provided.	22.0% (28)	<b>55.1% (70)</b>	18.9% (24)	3.1% (4)	0.0% (0)	0.8% (1)	3.94	127
I would be willing to pay more to sustain CORS activities.	9.3% (12)	25.6% (33)	<b>41.9% (54)</b>	20.2% (26)	2.3% (3)	0.8% (1)	3.17	129
I believe I get good value from my CORS membership.	18.6% (24)	<b>51.9% (67)</b>	22.5% (29)	5.4% (7)	0.8% (1)	0.8% (1)	3.80	129
It is important to receive official CORS correspondence (invoice notices, ballots, etc.) by surface mail.	7.8% (10)	12.4% (16)	<b>30.2% (39)</b>	22.5% (29)	22.5% (29)	4.7% (6)	2.47	129
All contact with CORS members should be handled electronically.	15.5% (20)	26.4% (34)	<b>41.1% (53)</b>	11.6% (15)	3.1% (4)	2.3% (3)	3.33	129
The Bulletin is a useful resource providing news items on CORS activities and articles of interest and relevance to members.	19.5% (25)	<b>56.3% (72)</b>	19.5% (25)	0.0% (0)	1.6% (2)	3.1% (4)	3.83	128
My local section is active.	10.9% (14)	17.8% (23)	20.9% (27)	13.2% (17)	10.1% (13)	<b>27.1% (35)</b>	2.25	129
My local section offers a								

















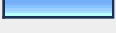
satisfactory number of opportunities for interacting and networking with colleagues.	7.8% (10)	16.4% (21)	25.0% (32)	14.8% (19)	8.6% (11)	<b>27.3% (35)</b>	2.18	128	
I intend to remain a member of CORS for the foreseeable future.	33.6% (43)	<b>55.5% (71)</b>	7.8% (10)	0.8% (1)	0.0% (0)	2.3% (3)	4.15	128	
I would participate in local section activities if offered.	24.0% (31)	<b>38.8% (50)</b>	20.9% (27)	3.9% (5)	0.8% (1)	11.6% (15)	3.47	129	
	<b>answered question</b>								<b>129</b>
	<b>skipped question</b>								<b>6</b>

<b>9. If you do not intend to remain a member of CORS in the foreseeable future, please indicate the reason(s) why. Choose all that apply.</b>			
		<b>Response Percent</b>	<b>Response Count</b>
I do not find value in membership.		36.8%	7
I do not have time to be involved in CORS' activities.		10.5%	2
Membership fees are too high.		10.5%	2
Will no longer be active in the OR community.		26.3%	5
<b>My reasons for joining will have been satisfied.</b>		<b>47.4%</b>	<b>9</b>
		Other (please specify)	6
	<b>answered question</b>		<b>19</b>
	<b>skipped question</b>		<b>116</b>

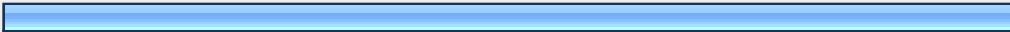


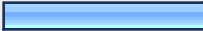

10. If you could pass along just one piece of feedback to CORS Council on any matter/idea/program/vision, what would that be?		
		Response Count
		49
	<i>answered question</i>	49
	<i>skipped question</i>	86

11. Are there any other comments, suggestions or issues you would like to communicate to CORS Council?		
		Response Count
		17
	<i>answered question</i>	17
	<i>skipped question</i>	118

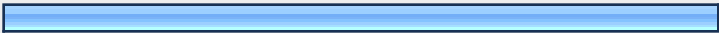
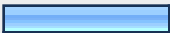
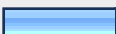

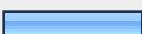
12. To which CORS Local Section do you belong?

		Response Percent	Response Count
Atlantic		5.5%	7
Quebec		3.9%	5
Montreal		5.5%	7
Kingston		4.7%	6
Ottawa		11.7%	15
<b>Toronto</b>		<b>17.2%</b>	<b>22</b>
Toronto Student		3.9%	5
Waterloo Student		3.1%	4
Southwest Ontario		8.6%	11
Winnipeg		0.0%	0
Saskatoon		5.5%	7
Calgary		3.9%	5
Edmonton		5.5%	7
Vancouver		5.5%	7
International		6.3%	8
Don't know/Don't wish to disclose		9.4%	12
		<b>answered question</b>	<b>128</b>

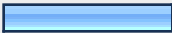
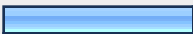
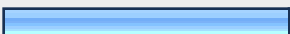
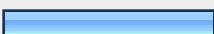

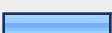
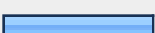
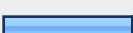
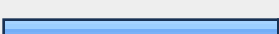
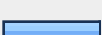
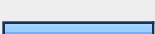
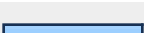
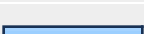
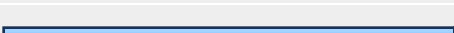

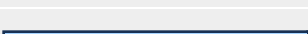

13. To which professional organizations do you belong? Choose all that apply.




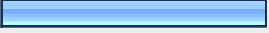




		Response Percent	Response Count
Institute for Operations Research and the Management Sciences (INFORMS)		89.4%	76
Institute of Industrial Engineers (IIE)		11.8%	10
Administrative Sciences Association of Canada (ASAC)		5.9%	5
Mathematical Programming Society (MPS)		17.6%	15
Statistical Society of Canada (SSC)		4.7%	4
	Other (please specify)		34
	<b>answered question</b>		<b>85</b>
	<b>skipped question</b>		<b>50</b>

14. In which sector are you currently employed?

		Response Percent	Response Count
Academia		63.2%	79
Industry		14.4%	18
Government		9.6%	12
Consulting		5.6%	7
Student		12.0%	15
Other (please specify)			8
		<b><i>answered question</i></b>	<b>125</b>
		<b><i>skipped question</i></b>	<b>10</b>

15. I would be interested in the establishment of the following special interest groups within CORS. Choose all that apply.

		Response Percent	Response Count
Combinatorics		14.8%	16
Computing		16.7%	18
Decision Analysis		25.0%	27
Energy		18.5%	20
Financial Services		7.4%	8
Forestry		9.3%	10
Game Theory		13.0%	14
Group Decision and Negotiation		11.1%	12
Health Applications		24.1%	26
Information Systems		8.3%	9
Location Analysis		13.0%	14
Manufacturing		12.0%	13
Military		12.0%	13
<b>Optimization</b>		<b>39.8%</b>	<b>43</b>
Natural Resource Management		7.4%	8
Operations Management		26.9%	29
Public Sector		6.5%	7

Queueing theory		12.0%	13
Revenue Management		4.6%	5
Services		4.6%	5
Simulation		23.1%	25
Stochastic Models		19.4%	21
Supply Chain Management		29.6%	32
Telecommunications		6.5%	7
Transportation		23.1%	25
		Other (please specify)	10
		<b><i>answered question</i></b>	<b>108</b>
		<b><i>skipped question</i></b>	<b>27</b>

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*Appendix E: SurveyMonkey French Survey Results Summary*

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French version of CORS Membership Survey February 2010

1. Évaluez chaque produit et avantage énuméré ci-dessous en fonction de l'importance qu'il a pour vous.							
	Très important	Important	Assez important	Peu important	Sans opinion	Rating Average	Response Count
Congrès annuel de la SCRO	11.1% (1)	22.2% (2)	<b>33.3% (3)</b>	22.2% (2)	11.1% (1)	2.67	9
Revue INFOR	22.2% (2)	<b>66.7% (6)</b>	11.1% (1)	0.0% (0)	0.0% (0)	4.11	9
Bulletin de la SCRO	11.1% (1)	<b>55.6% (5)</b>	22.2% (2)	11.1% (1)	0.0% (0)	3.56	9
Rencontres et activités des sections locales	14.3% (1)	14.3% (1)	28.6% (2)	<b>42.9% (3)</b>	0.0% (0)	2.57	7
Occasions de réseautage	12.5% (1)	25.0% (2)	<b>50.0% (4)</b>	0.0% (0)	12.5% (1)	3.13	8
Site Web de la SCRO	<b>44.4% (4)</b>	22.2% (2)	11.1% (1)	11.1% (1)	11.1% (1)	3.56	9
Répertoire des membres	25.0% (2)	<b>50.0% (4)</b>	25.0% (2)	0.0% (0)	0.0% (0)	4.00	8
Serveur de liste de la SCRO	12.5% (1)	37.5% (3)	0.0% (0)	0.0% (0)	<b>50.0% (4)</b>	2.13	8
Prix Larnder	12.5% (1)	12.5% (1)	12.5% (1)	0.0% (0)	<b>62.5% (5)</b>	1.50	8
Prix Omand Solandt	12.5% (1)	12.5% (1)	12.5% (1)	0.0% (0)	<b>62.5% (5)</b>	1.50	8
Prix du mérite de la SCRO	25.0% (2)	<b>37.5% (3)</b>	12.5% (1)	12.5% (1)	12.5% (1)	3.25	8
Prix de services de la SCRO	<b>25.0% (2)</b>	<b>25.0% (2)</b>	<b>25.0% (2)</b>	12.5% (1)	12.5% (1)	3.13	8
Concours sur la pratique de la SCRO	<b>57.1% (4)</b>	28.6% (2)	0.0% (0)	14.3% (1)	0.0% (0)	4.14	7
Concours du meilleur article par un étudiant de la SCRO (Niveau baccalauréat)	25.0% (2)	<b>37.5% (3)</b>	25.0% (2)	12.5% (1)	0.0% (0)	3.63	8

Concours du meilleur article par un étudiant de la SCRO (Ouvert à tous)	25.0% (2)	<b>37.5% (3)</b>	<b>37.5% (3)</b>	0.0% (0)	0.0% (0)	3.88	8
Concours de simulation	25.0% (2)	12.5% (1)	12.5% (1)	12.5% (1)	<b>37.5% (3)</b>	2.25	8
Diplôme de la SCRO	<b>50.0% (4)</b>	0.0% (0)	0.0% (0)	25.0% (2)	25.0% (2)	2.75	8
Aide financière aux étudiants diplômés pour les congrès	<b>62.5% (5)</b>	25.0% (2)	0.0% (0)	12.5% (1)	0.0% (0)	4.25	8
Financement des étudiants diplômés pour assister au congrès annuel de la SCRO	<b>50.0% (4)</b>	25.0% (2)	0.0% (0)	25.0% (2)	0.0% (0)	3.75	8
Programme de conférenciers itinérants	<b>37.5% (3)</b>	12.5% (1)	25.0% (2)	0.0% (0)	25.0% (2)	3.13	8
Frais d'inscription réduits au congrès annuel de la SCRO	<b>50.0% (4)</b>	12.5% (1)	12.5% (1)	25.0% (2)	0.0% (0)	3.63	8
	<b><i>answered question</i></b>						<b>9</b>
	<b><i>skipped question</i></b>						<b>0</b>

## 2. Évaluez la qualité de chaque produit.

	Excellente	Bonne	Satisfaisante	À améliorer	À améliorer grandement	Sans opinion	Rating Average	Response Count
Congrès annuel de la SCRO	12.5% (1)	25.0% (2)	0.0% (0)	0.0% (0)	0.0% (0)	<b>62.5% (5)</b>	1.63	8
Revue INFOR	<b>50.0% (4)</b>	<b>50.0% (4)</b>	0.0% (0)	0.0% (0)	0.0% (0)	0.0% (0)	4.50	8
Bulletin de la SCRO	25.0% (2)	25.0% (2)	<b>37.5% (3)</b>	0.0% (0)	0.0% (0)	12.5% (1)	3.38	8
Rencontres et activités des sections locales	12.5% (1)	25.0% (2)	0.0% (0)	0.0% (0)	0.0% (0)	<b>62.5% (5)</b>	1.63	8
Occasions de réseautage	0.0% (0)	25.0% (2)	12.5% (1)	0.0% (0)	12.5% (1)	<b>50.0% (4)</b>	1.50	8
Site Web de la SCRO	<b>28.6% (2)</b>	<b>28.6% (2)</b>	0.0% (0)	<b>28.6% (2)</b>	0.0% (0)	14.3% (1)	3.14	7
Répertoire des membres	<b>28.6% (2)</b>	<b>28.6% (2)</b>	0.0% (0)	14.3% (1)	0.0% (0)	<b>28.6% (2)</b>	2.86	7
Serveur de liste de la SCRO	16.7% (1)	16.7% (1)	0.0% (0)	0.0% (0)	0.0% (0)	<b>66.7% (4)</b>	1.50	6
Frais d'inscription réduits au congrès annuel de la SCRO	25.0% (2)	25.0% (2)	0.0% (0)	0.0% (0)	0.0% (0)	<b>50.0% (4)</b>	2.25	8
	<b>answered question</b>							<b>8</b>
	<b>skipped question</b>							<b>1</b>

3. Si vous avez indiqué qu'il fallait améliorer ou améliorer grandement un produit, décrivez en détail dans l'espace ci-dessous les lacunes observées et les moyens d'y remédier.

		Response Count
		1
	<i>answered question</i>	1
	<i>skipped question</i>	8

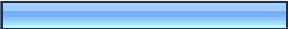






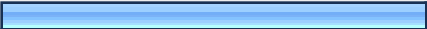
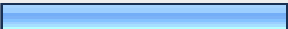
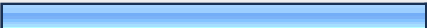
**4. Évaluez votre niveau de satisfaction à l'égard de l'administration des prix, concours et programmes suivants.**

	Très satisfait	Satisfait	Neutre	Insatisfait	Très insatisfait	Sans opinion	Rating Average	Response Count
Prix Larnder	12.5% (1)	12.5% (1)	12.5% (1)	0.0% (0)	0.0% (0)	<b>62.5% (5)</b>	1.50	8
Prix Omand Solandt	12.5% (1)	12.5% (1)	12.5% (1)	0.0% (0)	0.0% (0)	<b>62.5% (5)</b>	1.50	8
Prix du mérite de la SCRO	25.0% (2)	0.0% (0)	12.5% (1)	0.0% (0)	0.0% (0)	<b>62.5% (5)</b>	1.63	8
Prix de services de la SCRO	25.0% (2)	0.0% (0)	12.5% (1)	0.0% (0)	0.0% (0)	<b>62.5% (5)</b>	1.63	8
Concours sur la pratique de la SCRO	12.5% (1)	0.0% (0)	12.5% (1)	0.0% (0)	0.0% (0)	<b>75.0% (6)</b>	1.00	8
Concours du meilleur article par un étudiant de la SCRO (Niveau baccalauréat)	12.5% (1)	12.5% (1)	25.0% (2)	0.0% (0)	0.0% (0)	<b>50.0% (4)</b>	1.88	8
Concours du meilleur article par un étudiant de la SCRO (Ouvert à tous)	12.5% (1)	12.5% (1)	25.0% (2)	0.0% (0)	0.0% (0)	<b>50.0% (4)</b>	1.88	8
Concours de simulation	12.5% (1)	12.5% (1)	12.5% (1)	0.0% (0)	0.0% (0)	<b>62.5% (5)</b>	1.50	8
Diplôme de la SCRO	25.0% (2)	25.0% (2)	0.0% (0)	12.5% (1)	0.0% (0)	<b>37.5% (3)</b>	2.50	8
Aide financière aux étudiants diplômés pour les congrès	25.0% (2)	12.5% (1)	12.5% (1)	0.0% (0)	0.0% (0)	<b>50.0% (4)</b>	2.13	8
Financement des étudiants diplômés pour assister au congrès annuel de la SCRO	25.0% (2)	0.0% (0)	12.5% (1)	0.0% (0)	0.0% (0)	<b>62.5% (5)</b>	1.63	8
Programme de conférenciers itinérants	12.5% (1)	12.5% (1)	25.0% (2)	12.5% (1)	0.0% (0)	<b>37.5% (3)</b>	2.13	8
	<b>answered question</b>							<b>8</b>

	<i>skipped question</i>	1
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5. Si vous avez indiqué être insatisfait ou très insatisfait à l'égard de l'administration d'un prix, concours ou programme, décrivez en détail dans l'espace ci-dessous les lacunes observées et les moyens d'y remédier.		
		Response Count
		1
	<i>answered question</i>	1
	<i>skipped question</i>	8

**6. Indiquez les trois avantages ou possibilités qui ont influencé le plus votre décision d'adhérer à la SCRO.**

		Response Percent	Response Count
Frais d'inscription réduits au congrès annuel de la SCRO		25.0%	2
<b>Abonnement à la revue INFOR</b>		<b>62.5%</b>	<b>5</b>
Bulletin de la SCRO		12.5%	1
Rencontres et activités des sections locales		12.5%	1
Occasions de réseautage		25.0%	2
Accès au répertoire des membres		0.0%	0
Accès au serveur de liste de la SCRO		0.0%	0
Prix et récompenses de la SCRO		0.0%	0
Diplôme de la SCRO		37.5%	3
Aide financière aux étudiants pour assister à des congrès		12.5%	1
Crédibilité accrue à titre de professionnel ou praticien de la RO		37.5%	3
Perfectionnement professionnel		25.0%	2
Fierté ou loyauté à l'égard de la communauté canadienne de RO		37.5%	3
Autres (veuillez préciser)			0

	<i>answered question</i>	<b>8</b>
	<i>skipped question</i>	<b>1</b>

<b>7. Parmi les initiatives possibles suivantes, lesquelles vous intéressent?</b>							
	<b>Vif intérêt</b>	<b>Intérêt</b>	<b>Intérêt relatif</b>	<b>Pas d'intérêt</b>	<b>Sans opinion</b>	<b>Rating Average</b>	<b>Response Count</b>
Établissement de groupes d'intérêt au sein de la Société	28.6% (2)	28.6% (2)	<b>42.9% (3)</b>	0.0% (0)	0.0% (0)	3.86	7
Mention dans le répertoire des membres d'un centre d'intérêt pour chaque membre	<b>50.0% (4)</b>	25.0% (2)	25.0% (2)	0.0% (0)	0.0% (0)	4.25	8
Possibilité de renouveler l'adhésion pour plusieurs années	<b>50.0% (4)</b>	12.5% (1)	0.0% (0)	25.0% (2)	12.5% (1)	3.25	8
Offre d'une adhésion conjointe à la SCRO et à INFORMS	<b>50.0% (4)</b>	12.5% (1)	25.0% (2)	12.5% (1)	0.0% (0)	3.88	8
Établissement d'un groupe LinkedIn parrainé par la SCRO	12.5% (1)	<b>25.0% (2)</b>	<b>25.0% (2)</b>	12.5% (1)	<b>25.0% (2)</b>	2.50	8
Création de nouveaux prix pour souligner les réalisations de professionnels en milieu de carrière	0.0% (0)	<b>42.9% (3)</b>	14.3% (1)	14.3% (1)	28.6% (2)	2.29	7
Publicité proactive de la SCRO	0.0% (0)	<b>50.0% (4)</b>	37.5% (3)	12.5% (1)	0.0% (0)	3.25	8
Inclusion dans le Bulletin d'entrevues, de portraits et d'articles de fond sur les perspectives de carrière, les programmes de RO et des praticiens.	12.5% (1)	37.5% (3)	<b>50.0% (4)</b>	0.0% (0)	0.0% (0)	3.63	8



	Suggestions supplémentaires ?	0
	<b>answered question</b>	<b>8</b>
	<b>skipped question</b>	<b>1</b>

8. Veuillez exprimer votre opinion sur les énoncés suivants.								
	Tout à fait d'accord	D'accord	Neutre	Pas d'accord	Pas du tout d'accord	Sans opinion	Rating Average	Response Count
La SCRO offre un bon niveau de service aux membres.	25.0% (2)	<b>50.0% (4)</b>	25.0% (2)	0.0% (0)	0.0% (0)	0.0% (0)	4.00	8
Dans l'ensemble, je suis satisfait(e) des produits et avantages offerts aux membres de la SCRO.	28.6% (2)	<b>42.9% (3)</b>	14.3% (1)	0.0% (0)	0.0% (0)	14.3% (1)	3.57	7
Les droits d'adhésion à la SCRO correspondent aux avantages et au niveau de service offerts.	25.0% (2)	<b>62.5% (5)</b>	0.0% (0)	0.0% (0)	0.0% (0)	12.5% (1)	3.75	8
Je serais disposé(e) à payer plus pour soutenir les activités de la SCRO.	12.5% (1)	25.0% (2)	<b>50.0% (4)</b>	12.5% (1)	0.0% (0)	0.0% (0)	3.38	8
L'adhésion à la SCRO m'en donne pour mon argent.	25.0% (2)	<b>50.0% (4)</b>	25.0% (2)	0.0% (0)	0.0% (0)	0.0% (0)	4.00	8
Il est important de recevoir la correspondance de la SCRO (avis de facturation, bulletins de vote, etc.) par courrier de surface.	12.5% (1)	12.5% (1)	12.5% (1)	25.0% (2)	<b>37.5% (3)</b>	0.0% (0)	2.38	8
Toutes les communications avec les membres de la SCRO devraient se faire par voie électronique.	<b>75.0% (6)</b>	12.5% (1)	0.0% (0)	12.5% (1)	0.0% (0)	0.0% (0)	4.50	8

Le Bulletin est une ressource utile qui fournit des renseignements sur les activités de la SCRO et contient des articles intéressants et pertinents pour les membres.	<b>37.5% (3)</b>	12.5% (1)	<b>37.5% (3)</b>	12.5% (1)	0.0% (0)	0.0% (0)	3.75	8
Ma section locale est active.	0.0% (0)	25.0% (2)	25.0% (2)	0.0% (0)	0.0% (0)	<b>50.0% (4)</b>	1.75	8
Ma section locale offre un nombre satisfaisant de possibilités pour interagir et réseauter avec des collègues.	0.0% (0)	14.3% (1)	<b>28.6% (2)</b>	0.0% (0)	<b>28.6% (2)</b>	<b>28.6% (2)</b>	1.71	7
J'ai l'intention de rester membre de la SCRO dans un avenir prévisible.	<b>50.0% (4)</b>	<b>50.0% (4)</b>	0.0% (0)	0.0% (0)	0.0% (0)	0.0% (0)	4.50	8
Je participerais aux activités d'une section locale si elles étaient offertes.	25.0% (2)	12.5% (1)	<b>37.5% (3)</b>	12.5% (1)	0.0% (0)	12.5% (1)	3.13	8
	<b>answered question</b>							<b>8</b>
	<b>skipped question</b>							<b>1</b>

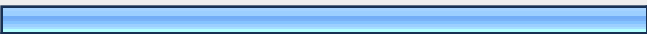
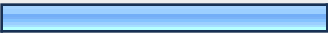
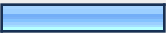
9. Si vous n'avez pas l'intention de rester membre de la SCRO dans un avenir prévisible, veuillez en indiquer les raisons. Cochez tous les énoncés qui s'appliquent.

	Response Percent	Response Count
L'adhésion à la SCRO ne m'est d'aucune utilité.	0.0%	0
Je n'ai pas le temps de participer aux activités de la SCRO.	0.0%	0
Les droits d'adhésion sont trop élevés.	0.0%	0
Je ne serai plus actif au sein de la communauté de RO.	0.0%	0
Les besoins qui ont motivé mon adhésion à la SCRO ont été comblés.	0.0%	0
	Autres (veuillez préciser)	0
	<b><i>answered question</i></b>	<b>0</b>
	<b><i>skipped question</i></b>	<b>9</b>

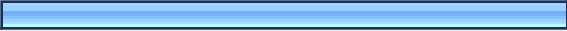


10. Si vous pouviez formuler un commentaire au Conseil de la SCRO sur tout sujet, idée, programme, vision, quel serait-il?		Response Count
		0
	<i>answered question</i>	0
	<i>skipped question</i>	9

11. Y a-t-il d'autres remarques, suggestions ou préoccupations dont vous aimeriez faire part au Conseil de la SCRO?		Response Count
		0
	<i>answered question</i>	0
	<i>skipped question</i>	9

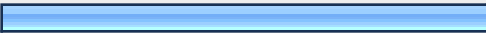
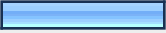
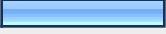

12. À quelle section locale de la SCRO appartenez-vous?

		Response Percent	Response Count
Atlantique		0.0%	0
<b>Québec</b>		<b>57.1%</b>	<b>4</b>
Montréal		28.6%	2
Kingston		0.0%	0
Ottawa		14.3%	1
Toronto		0.0%	0
Section étudiante de Toronto		0.0%	0
Section étudiante de Waterloo		0.0%	0
Sud-Ouest de l'Ontario		0.0%	0
Winnipeg		0.0%	0
Saskatoon		0.0%	0
Calgary		0.0%	0
Edmonton		0.0%	0
Vancouver		0.0%	0
International		0.0%	0
Je ne sais pas/Ne souhaite pas divulguer		0.0%	0
<b>answered question</b>			<b>7</b>

	<i>skipped question</i>	<b>2</b>
--	-------------------------	----------

<b>13. À quels organismes professionnels appartenez-vous? Cochez toutes les cases qui s'appliquent.</b>			
		<b>Response Percent</b>	<b>Response Count</b>
<b>Institute for Operations Research and the Management Sciences (INFORMS)</b>		<b>50.0%</b>	<b>2</b>
Institute of Industrial Engineers (IIE)		25.0%	1
Association des sciences administratives du Canada (ASAC)		25.0%	1
Mathematical Programming Society (MPS)		0.0%	0
Société statistique du Canada (SSC)		0.0%	0
	Autres (veuillez préciser)		2
	<i>answered question</i>		<b>4</b>
	<i>skipped question</i>		<b>5</b>


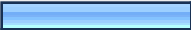
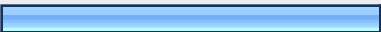
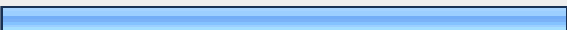

14. Dans quel secteur travaillez-vous actuellement?

		Response Percent	Response Count
Milieu universitaire		42.9%	3
Industrie		0.0%	0
Gouvernement		14.3%	1
Services-conseils		14.3%	1
Étudiant		28.6%	2
Autre (veuillez préciser)			1
		<b>answered question</b>	<b>7</b>
		<b>skipped question</b>	<b>2</b>

15. J'aimerais que la SCRO mette sur pied les groupes d'intérêt suivants au sein de la SCRO. Cochez toutes les cases qui s'appliquent.

		Response Percent	Response Count
Combinatoire	<input type="checkbox"/>	0.0%	0
Calcul	<input type="checkbox"/>	0.0%	0
<b>Analyse de la décision</b>	<input checked="" type="checkbox"/>	<b>50.0%</b>	<b>3</b>
Énergie	<input type="checkbox"/>	0.0%	0
Services financiers	<input checked="" type="checkbox"/>	33.3%	2
Foresterie	<input type="checkbox"/>	0.0%	0
Théorie des jeux	<input checked="" type="checkbox"/>	16.7%	1
Décision de groupe et négociation	<input checked="" type="checkbox"/>	33.3%	2
Applications en soins de santé	<input type="checkbox"/>	0.0%	0
Systèmes d'information	<input checked="" type="checkbox"/>	33.3%	2
Analyse de localisation	<input type="checkbox"/>	0.0%	0
Production	<input checked="" type="checkbox"/>	33.3%	2
Applications militaires	<input type="checkbox"/>	0.0%	0
Optimisation	<input checked="" type="checkbox"/>	33.3%	2
Gestion des ressources naturelles	<input checked="" type="checkbox"/>	16.7%	1
Gestion opérationnelle	<input type="checkbox"/>	0.0%	0
Secteur public	<input type="checkbox"/>	0.0%	0



Théorie des files d'attente		16.7%	1
Gestion des revenus		0.0%	0
Services		0.0%	0
Simulation		16.7%	1
Modèles stochastiques		33.3%	2
<b>Gestion de la chaîne d'approvisionnement</b>		<b>50.0%</b>	<b>3</b>
Télécommunications		0.0%	0
Transport		16.7%	1
		Autres (veuillez préciser)	0
		<b>answered question</b>	<b>6</b>
		<b>skipped question</b>	<b>3</b>

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*Appendix F: 1999 Membership Survey and Results*

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# CORS/SCRO MEMBERSHIP SURVEY - A PROPOSAL

## Background

At the first council meeting in Montreal, it was suggested that a membership survey would serve a useful purpose. In order to be a useful measurement tool, any survey should be designed around a set of issues that seek consultation.

## Objective

The objective of the 1999 CORS/SCRO membership survey is to identify and seek member feedback on key issues and challenges facing CORS as we enter into the new millennium.

## Survey Design

The survey shall be designed to measure opinions on a series of issues. The issues facing CORS include:

- CORS Vision, Priorities, and Renewal
- Organisational Visibility
- Level of Service to members
- Membership levels and Sustainability
- Membership profile and Needs

Once important issues have been identified, it is a relatively easy task to formulate focused questions to elicit member views. For each of these main issues, a tentative list of questions has been prepared and can be found below.

The survey should be as short as possible for rapid completion (approx. 10mins). Questions will therefore have to be carefully chosen. A 5 pt scale for subjective opinions can be used. Once tabulated, a summary of results could be published in the CORS bulletin for information to members.

## Survey Application

The survey - in bilingual format, should be sent to all current and past members of CORS as well as individuals that have attended conferences and events which may not be current members of CORS. The survey could also be sent to any prospective member such as Canadian members of INFORMS (several questions may not apply). If we receive a 30% response rate, 150 surveys would be collected.

Once received, responses shall be entered in a statistics package for reduction and analysis. Responses to open-ended question shall be listed for later review by the executive.

Prepared by: P. Comeau  
Date prepared: 98-11-24



## Membership Survey

Thank you for taking the time to complete the CORS membership survey. This survey shall be used by CORS to chart priorities for the next few years and hopefully provide better service to all its members.  
Your feedback is important to us.

### ABOUT YOU

1. Which professional organisations do you belong?

Please indicate all that apply.

How long? (years)

- CORS/SCRO  
 INFORMS  
 CSIE/IE  
 IEEE  
 Others (specify) \_\_\_\_\_

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

If you are a CORS member, to which local section do you belong? \_\_\_\_\_

2. Please indicate the highest degree you have obtained.

- Undergraduate     Masters     Ph.D.     Other (specify) \_\_\_\_\_

3. Type of Employer.

- University     Government     Industry  
 Consulting     Other (specify) \_\_\_\_\_

4. My Current Job Title is: \_\_\_\_\_

I have been involved in the research or practice of OR/MS for \_\_\_\_\_ years.

My time doing OR/MS involves: Basic Research \_\_\_\_\_ %  
Practice \_\_\_\_\_ %  
Teaching \_\_\_\_\_ %  
Other \_\_\_\_\_ %

5. In which sector do you presently work?

- Academic     Transportation     Health  
 Consulting     Utilities     Business and Finance  
 Defence     Other (specify) \_\_\_\_\_

6. My areas of primary interest are: (please check all that apply)

- Optimization     Scheduling     Information Systems  
 Logistics     Decision Analysis     Strategic Planning  
 Probability & Statistics     System Dynamics     Scientific Computing  
 Project Management     Simulation     Other (specify) \_\_\_\_\_

CORS-SCRO BOX/C.P. 2225, STN D OTTAWA, ONTARIO K1P 5W4

Atlantic Québec Montréal Kingston Ottawa Toronto Toronto Student Waterloo Student  
South West Ontario Winnipeg Saskatoon Calgary Edmonton Vancouver Vancouver Student  
[www.cors.ca](http://www.cors.ca)



## YOUR NEEDS, OUR SERVICE

7. Please indicate your opinion on the following statements.  
If a question does not apply to you, please leave it blank.

	Strongly Disagree		Neutral		Strongly Agree	
	1	2	3	4	5	
I think CORS offers a good level of service to its members.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
CORS annual membership fees are too high.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
CORS should take a more active role in publicising the society to new members.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
CORS should take a more active role in publicising the society to the public.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
CORS offers its services adequately in both official languages.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
My CORS Membership has helped me advance the theory of OR/MS.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
My CORS Membership has helped me advance the practice of OR/MS.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
I consider my local section to be active.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
I participate in local section events.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
I would be interested in joining a CORS Special Interest Group (SIG).	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
I find the CORS membership directory useful.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
I would not object having my areas of interest listed in the membership directory.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
The Bulletin is a useful form of communication about CORS news and events.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
The INFOR journal is a useful benefit as a CORS member.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
I find the CORS Web site <a href="http://www.cors.ca">www.cors.ca</a> a useful resource.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
CORS List-server (subscribed email list) is a useful service.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
CORS conference(s) have a good coverage of OR/MS theory.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
CORS conference(s) have a good coverage of OR/MS practice.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
I plan on remaining a member of CORS for the foreseeable future.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

## YOUR VIEWS

8. Why have you / have you not joined CORS? (please underlined one)

9. What is CORS' most significant contribution to you as a professional?

10. What should be the society's first priority and how could it be a more effective professional organization in the new millennium?

11. Do you have any other comments or suggestions for conferences, journals, local section activities?

Name (optional): \_\_\_\_\_ Affiliation: \_\_\_\_\_ Tel: \_\_\_\_\_

We thank you for completing this survey. Please forward it by mail, preferably before 15 Sept 1999, to the address below Attn: SURVEY.

CORS-SCRO BOX/C.P. 2225, STN D OTTAWA, ONTARIO K1P 5W4  
Atlantic Québec Montréal Kingston Ottawa Toronto Toronto Student Waterloo Student  
South West Ontario Winnipeg Saskatoon Calgary Edmonton Vancouver Vancouver Student  
[www.cors.ca](http://www.cors.ca)

## **CORS takes the pulse – Results of the Membership Survey**

by Paul Comeau, Membership Survey Coordinator

The Canadian Operational Research Society conducted a survey of its membership last fall through the Bulletin. A total of 30 surveys were returned from across Canada and these provide a wealth of information about the health of our society. The response rate was not as high as we would have liked but there were excellent comments offered. Results reported here might not be statistically significant, but they can be considered as generally indicative of member attitudes.

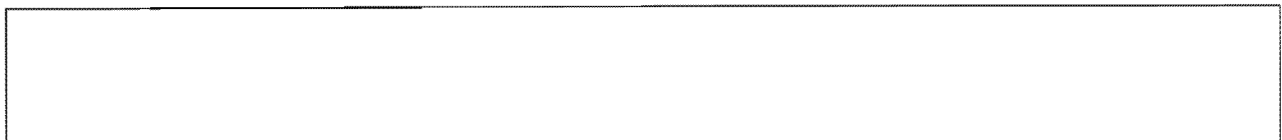
CORS definitely caters to senior professionals. Of the responses received, the average time as a CORS member was fourteen years with half being members for over eleven years. This bids well when compared to the average time in an OR/MS career of some 20 years. Approximately half the response group are also members of INFORMS. One respondent has been a member of CORS for 41 years ever since it was founded and got involved in OR/MS 51 years ago! For most members joining CORS, it is a lifetime association.

The response group was composed of 15 members from universities, 4 in government, 6 in industry, 2 in consulting and 3 retirees for which 20% have undergraduate degrees, 34% masters and 46% hold Ph.D's overall. Job titles include professor (full, associate, assistant), doctoral students, engineers, managers at various levels, senior analysts, and business proprietors. The table below summarizes sectors of work (recognizing that these are not always mutually exclusive) and corresponding areas of interest. The traditional areas of OR continue to hold our attention but there are also a number of emerging areas for OR such as strategic planning, scientific computing, and system dynamics.

Interest Areas	Academic	Business & Finance	Consulting	Defence	Transport	Utilities	Ret'd	Other	TOTALS
Optimisation	7	1	2	1	3	2		1	17
Simulation	8	1	1	3	2		1		16
Scheduling	5		1	3	2	2	1	1	15
Prob. & Statistics	8	1		3	1	1		1	15
Decision Analysis	7		1	3	2	1		1	15
Strategic Planning	2		1	3	2			1	9
Logistics	5			1	1	1		1	9
Project Management	3		1	2	2				8
IM/IT	2		2	1	1		1	1	8
Scientific Computing	3			1			1		5
System Dynamics	1			2					3

The multiple-choice attitude questions addressed a variety of services and benefits offered to CORS members. The table below shows individual response counts. In general, respondents were pleased with the level of service offered by CORS at what is seen as a reasonable cost. Services seem to be offered adequately to members of both official languages although the francophone sample was small. The results clearly indicate that CORS should take a more active role in publicizing the society to the public and especially to attracting new and younger members. CORS has some value to advancing both the theory and practice of OR/MS.

Local sections seem to vary in their levels of activity and participation. The CORS membership directory is a useful resource for most, and many support the idea of indicating areas of



interest. This information would most certainly be voluntary. CORS may be too small to formally establish Special Interest Groups (SIGs) but there may be popular or specialty interest areas where some form of virtual SIG might be useful.

It should be no surprise that there was strong support for the Bulletin. It keeps getting better each issue thanks to our dedicated editor and the excellent material that is submitted. In fact, many mentioned they especially liked survey articles as a vehicle to start exploring and learning about new subject areas. Many like the CORS website and list-server service even though they are not used as much as they could be. Specifically, there were suggestions that jobs and career openings be posted there. There is now an initiative to create a website page with CORS member links.

CORS conferences appear to have quite good coverage of OR/MS theory, and adequate coverage of practice. It is fair to say that conference organizers have been striving to have better coverage of OR practice. The good news is that most respondents plan to remain CORS members for the foreseeable future.

Questions that do not apply were to be left blank.	<i>Strongly Disagree</i>		<i>Neutral</i>		<i>Strongly Agree</i>		Avg
	1	2	3	4	5		
I think CORS offers a good level of service to its members.		2	8	17	2		3.6
CORS annual membership fees are too high.	7	10	12				2.2
CORS should take a more active role in publicising the society to new members.			9	9	10		4.0
CORS should take a more active role in publicising the society to the public.	1	7	14	7			3.9
CORS offers its services adequately in both official languages.	1	6	12	6			3.9
My CORS Membership has helped me advance the theory of OR/MS.	5	4	10	8	1		2.9
My CORS Membership has helped me advance the practice of OR/MS.	3	5	8	10	2		3.1
I consider my local section to be active.	5	5	5	8	3		2.9
I participate in local section events.	2	4	5	7	8		3.6
I would be interested in joining a CORS Special Interest Group (SIG).	2	2	13	9	1		3.2
I find the CORS membership directory useful.	1	2	4	14	7		3.9
I would not object having areas of interest listed in the membership directory.	1	1	6	13	7		3.9
The Bulletin is a useful form of communication about CORS news and events.			2	16	11		4.3
The INFOR journal is a useful benefit as a CORS member.	5	4	3	14	2		3.1
I find the CORS Web site <a href="http://www.cors.ca">www.cors.ca</a> a useful resource.	1	6	7	10	4		3.4
CORS List-server (subscribed email list) is a useful service.	2	1	15	7	1		3.2
CORS conference(s) have a good coverage of OR/MS theory.			6	12	6		4.0
CORS conference(s) have a good coverage of OR/MS practice.		4	11	7	3		3.4
I plan on remaining a member of CORS for the foreseeable future.		2	2	13	12		4.2

Open-ended questions sought member's views on priorities in the coming years, society contributions and other suggestions. The importance of better communication with industry, government and universities on the value of OR/MS was mentioned often. It was suggested that we should publicize the society through success stories in the press. Improved dissemination of

theory and practice of OR in Canada, partly through a re-designed INFOR journal, should be a priority.

Many respondents would like to see more local activities and to also involve retired members who possess much corporate memory and a wealth of experience. Respondents joined and remain members of CORS primarily for networking, and to keep abreast of developing theory and methods, thereby meeting their social as well as intellectual needs. Many like joint conferences and some even suggesting holding larger conferences only every two years. Problem sessions during conferences were recommended so that research areas can be discussed in their early stages instead of always presenting finished products. Even if half of respondents were also members of INFORMS, and they say they remain in CORS because it is distinctly Canadian.

I think the results re-affirm our values and provide excellent guidance as to how we might develop our society in the years to come. Thanks go to those who took the time to complete and return their survey. If you have points you feel strongly about or have other ideas for society events, why not write an article on it. Although there is room for improvement in some areas, the prognosis appears excellent for the future of our society.

## **\* ANNOUNCEMENT \***

For further discussion concerning the results of the CORS Membership Survey, be sure to attend the following session at CORS 2000 in Edmonton:

Monday, May 29, 2000 at 4:10 p.m.

**Title:** Open Session for CORS Members: How is CORS Doing?

### **Abstract**

The findings of last year's survey of CORS members will be presented. All members of the society are encouraged to attend this session to give CORS Council further feedback on how the society is doing and suggest ways it could better serve them professionally.

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