



Canadian Operational Research Society
Société Canadienne de Recherche Opérationnelle

CORS Forestry SIG 2018 Annual Meeting

June 4, Halifax

Agenda

- **Approval of the agenda (5 mn)**
- **Approval of 2017 annual meeting minutes (5 mn)**
- **Review of FSIG activities & initiatives July 2017 - May 2018 (15 mn)**
 - 2017-2018 Period – Summary
 - 5th David Martell Student Paper Prize in Forestry
 - OR in Forestry Cluster
 - FSIG Communications
- **FSIG membership (5 mn)**
 - Current FSIG Members
 - How to become a member
- **Vote on the amendment to Bylaw article 8.f (5 mn)**
- **2019-2020 Period – Next President election (5 mn)**
- **INFOR Special Issue (5 mn)**
- **Continuous improvement of FSIG**
 - Results of the survey (SurveyMonkey) (10 mn)
 - FSIG-CORS on Basecamp (10 mn)
- **Other topics**

Review of FSIIG activities & initiatives

July 2017 - May 2018

2017-2018 Period - Summary

- 5th edition of David Martell Student Paper Prize in Forestry
 - 3 finalists
 - Jury members: David Martell, Gregory Paradis, Tassedra Boukherroub
- OR in forestry cluster:
 - 17 presentations in 3 regular sessions, one special session and the DMSPPF session at CORS 2018, Halifax
 - Chairs: Mikael Rönnqvist & Tassedra Boukherroub
- Regular communication with FSIG members:
Regular channels: E-mail, CORS Bulletin, CORS FSIG Website, and FSIG LinkedIn and (new) Basecamp
- [FSIG members satisfaction survey](#)
- [New networking platform: FSIG-CORS basecamp](#)

5th David Martell Student Paper Prize in Forestry

Moderator: Tassedra Boukherroub

Jury: David Martell, Gregory Paradis (replacement of Mikael Rönqvist),
Tassedra Boukherroub

Finalist	Paper title
Foroogh Abasian	Forest bioenergy network design under market uncertainty
Maha Ben Ali	Configuration and evaluation of an integrated demand management process using a space-filling design and Kriging metamodeling
Krishna Malladi	Development of a decision support tool for optimizing the short-term logistics of forest-based biomass

Room: 603

OR in Forestry Cluster

Three regular sessions, 12 presentations

Forestry and OR Cluster chairs: Mikael Rönnqvist, Pr., Université Laval Tassed Boukherroub, Pr., ÉTS			
Session	Title	Session chair	Nb. of presentations
FOR 01	Biomass-based supply chains	Taraneh Sowlati, Pr., UBC	4
FOR 02	Forest management and harvesting	Gregory Paradis, Postdoc, UBC	4
FOR 03	Supply chain and logistics optimization	Sattar Ezzati, Postdoc, ULaval	4

Room: 603

OR in Forestry Cluster

Special session: OR applications in forestry: industry and education

Session Chair: Jules Comeau, Pr., Université de Moncton

Presenters	Presentation title
Shawn McGrath & Jules Comeau	The challenges in managing private wood lots in New Brunswick
Mikael Rönnqvist	The hierarchical transportation game - a serious game as an educational tool

Room: 604

FSIG Communications

2017/2018 Communications included:

- Minutes of 2017 FSIG annual meeting
- Announcements related to DMSPPF (call for papers, finalists, etc.)
- Announcements related to OR Forestry Cluster (call for abstracts, Cluster chairs, session chairs, etc.)
- Invitations to join CORS FSIG on Basecamp
- FSIG members satisfaction survey

To receive FSIG news, send email to :
Tassed.Boukherroub@etsmtl.ca

And, **very encouraged**, join CORS FSIG on Basecamp
All information/news related to FSIG is there

FSIG Communications

- FSIG-CORS Website: www.cors.ca/SIG/Forestry

Calls, guidelines, current finalists and previous winners

DMSPPF, CORS Conference, FSIG President, Members contributions

Focus of FSIG
Current and
past
presidents

CORS SIG guidelines,
FSIG bylaws, minutes
and slides of
presentations at FSIG
annual meetings

The screenshot shows the website interface for the Forestry Special Interest Group. At the top, there are logos for 'Canada Société' and 'Research Society Recherche opérationnelle'. The main header reads 'Forestry Special Interest Group'. Below this is a navigation menu with items: 'Welcome', 'About Us', 'Student Paper Competition', 'News' (highlighted in green), 'Events', 'Library', and 'How to Join'. The 'News' section is expanded, showing a list of news items on the left and a detailed article on the right. The article is titled 'Forestry SIG sessions at IFORS-CORS 2017' and discusses the upcoming conference in Quebec City, Canada, from July 17 to July 21, 2017. It lists plenary and keynote speakers and provides a link to the conference website. Below the article is a 'Read more' button. Another news item is visible below the article, titled 'In search of a new FSIG President', which discusses the election process for the 2017 president.

News

- Forestry SIG sessions at IFORS-CORS 2017
- Abstract submission to CORS Forestry Cluster at 2017 CORS/IFORS Conference
- Forestry Cluster at CORS/IFORS
- In search for a new FSIG President
- Launch of the Value Chain Optimization (VCO)
- Network Book and Workshop on Nova Scotia Forest Strategic Planning Models

News

Forestry SIG sessions at IFORS-CORS 2017

Dear Forestry SIG members,

As you may know, the IFORS-CORS 2017 conference under the theme of "OR/Analytics for a better world" will be held from **July 17 to July 21, 2017** in Quebec City, Canada (<http://ifors2017.ca/>). As well as being in a very nice location, the conference has great plenary speakers - Egon Balas, Martine Labbe, Alvin Roth and Andres Weintraub - and keynote speakers, <http://ifors2017.ca/keynote-speakers>, and expectations of lively and diverse sessions.

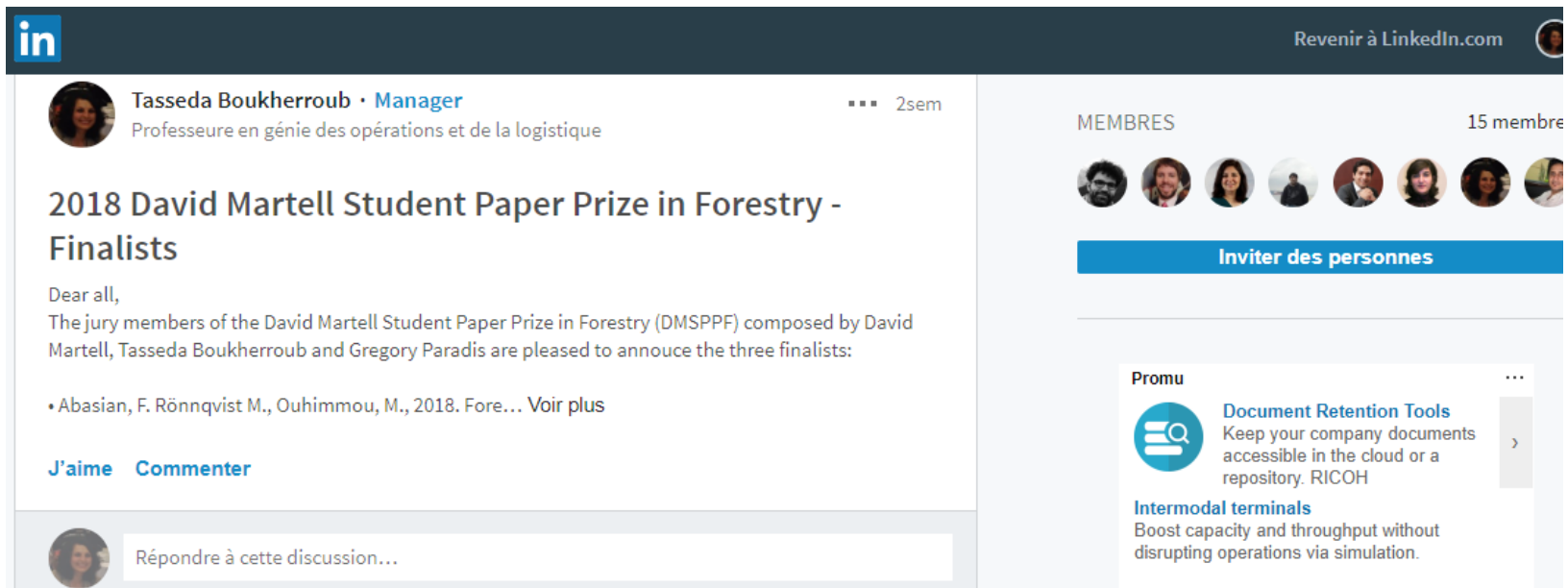
[Read more](#)

In search of a new FSIG President

As per stated in the FSIG bylaws, a new President must be elected in 2017. The president of the FSIG would like to thank Mustapha Ouimmou (ÉTS) and Jean François Audy (UQTR) who kindly accepted to serve as the Election Committee that will handle this democratic election process. All FSIG members are invited to submit their nominations to the Election Committee through email (Mustapha.Ouimmou@etsmtl.ca; Jean-Francois.Audy@uqtr.ca) by March 30th 2017.

FSIG Communications

- LinkedIn group: www.linkedin.com/groups/12036086



The screenshot shows a LinkedIn group post. At the top left is the LinkedIn logo. In the top right corner, there is a link to "Revenir à LinkedIn.com" and a small profile picture. The post is from "Tassed Boukherroub · Manager", a "Professeure en génie des opérations et de la logistique", posted "2sem" ago. The post title is "2018 David Martell Student Paper Prize in Forestry - Finalists". The text of the post reads: "Dear all, The jury members of the David Martell Student Paper Prize in Forestry (DMSPPF) composed by David Martell, Tassed Boukherroub and Gregory Paradis are pleased to announce the three finalists: • Abasian, F. Rönnqvist M., Ouhimmou, M., 2018. Fore... Voir plus". Below the text are the buttons "J'aime" and "Commenter". At the bottom left, there is a reply box with a profile picture and the text "Répondre à cette discussion...". On the right side of the post, there is a "MEMBRES" section showing "15 membres" and a row of profile pictures. Below this is a blue button labeled "Inviter des personnes". At the bottom right, there is a "Promu" section for "Document Retention Tools" and "Intermodal terminals".

in Revenir à LinkedIn.com

Tassed Boukherroub · Manager
Professeure en génie des opérations et de la logistique 2sem

2018 David Martell Student Paper Prize in Forestry - Finalists

Dear all,
The jury members of the David Martell Student Paper Prize in Forestry (DMSPPF) composed by David Martell, Tassed Boukherroub and Gregory Paradis are pleased to announce the three finalists:

- Abasian, F. Rönnqvist M., Ouhimmou, M., 2018. Fore... Voir plus

J'aime Commenter

Répondre à cette discussion...

MEMBRES 15 membres

Inviter des personnes

Promu

Document Retention Tools
Keep your company documents accessible in the cloud or a repository. RICOH

Intermodal terminals
Boost capacity and throughput without disrupting operations via simulation.

FSIG Communications

- Basecamp

FSIG

Welcome to FSIG, the Forestry Special Interest Group of the Canadian Operational Research Society (CORS). FSIG was founded in 2012 with the purpose of advancing the development of applications of OR to forest management planning problems and to forest products industry problems in Canada. For more on FSIG, please visit our website <http://www.cors.ca/SIG/Forestry/?q=content/welcome>

[q=content/welcome](http://www.cors.ca/SIG/Forestry/?q=content/welcome)



Campfire

- Dirk Kloss 8:23am
great Team/project ever...
- ziffication 8:55am
Hi
- Luc Lebel 11:41am
Great idea Tassedala!
- Tassedala Boukherroub 11:45am
Hi :-) Basecamp is a sugges...
- Greg Paradis 1:59pm
Welcome to the FSIG Basec...

Message Board

- 2018 David Martell Student Paper Prize in Forestry - 1
- Extension for abstract submission deadline
- 4th David Martell Student Paper Prize in Forestry
- What are you up to (January 2018)? 2
- Welcome to Basecamp!
Hi everyone! I am excited

To-dos 0/2

FSIG members satisfaction survey

- Survey Jan 15
- Vote the new bylaw article 8f (i.e., David Martell Student Paper Prize in Forestry) 2

Schedule

- Mon, Jun 4**
CORS 2018
Jun 4 - 6
Presentation of the 4th DMSPPF finalist papers 1
Jun 4 - 6
- Tue, Jun 5**
CORS 2018 |
Presentation of the 4th DMSPPF...

Automatic Check-ins

Create recurring questions so you don't have to pester your team about what's going on.

Docs & Files

- Forestry SIG bylaws....
- Proposed amend... to the bylaw article 8f (i.e., David)
- Slides of Present... at 2017 FSIG Annual

FSIG membership

Current FSIG Members (54)

Foroogh	Abasian	foroogh.abasian.1@ulaval.ca	Corinne	MacDonald	corinne.macdonald@dal.ca
Irène	Abi-Zeid	irene.abi-zeid@osd.ulaval.ca	Fereshteh	Mafakheri	f.mafakheri@concordia.ca
Hamid	Afshari	afsharih@myumanitoba.ca	Krishna Teja	Malladi	kmalladi@alumni.ubc.ca
Mohammad Rahim	Akhavan Kazemzadeh	rahimakhavan@gmail.com	Mark	Manser	mark.manser@dal.ca
Najmaddin	Akhundov	nakhundo@uwaterloo.ca	Javier	Maturana-Ross	javier.maturana@pucv.cl
Stéphane	Alarie	alarie.stephane@ireq.ca	Jeff	McGill	jmccgill@business.queensu.ca
Tina	Arabian	arab6000@mylaurier.ca	Azadeh	Mobtaker	azadehmobtaker@gmail.com
Jean-Francois	Audy	jean-francois.audy@uqtr.ca	Violaine	Mongeau-Pérusse	vio_mp@hotmail.com
Olivier	Bahn	olivier.bahn@hec.ca	Arka	Mukherjee	arkamukherjee80@gmail.com
Opher	Baron	opher.baron@rotman.utoronto.ca	Lori	Murray	lori.murray@uwo.ca
Tassedà	Boukherroub	Tassedà.Boukherroub@cirreлт.ca	Siamak	Mushakhian	siamak.mushakhian@gmail.com
Satyaveer Singh	Chauhan	satyaveer.chauhan@concordia.ca	Mark	Nassar	mnassar@ualberta.ca
Jules	Comeau	jules.comeau@umoncton.ca	Gregory	Paradis	greg@globaloptimality.com
Matt	Davison	mdavison@uwo.ca	Fabiola	Regis Hernández	fregisher@gmail.com
Luana	Dessbesell	ldessbes@lakeheadu.ca	Mostafa	Rezaei	mrezaei@ualberta.ca
Mohamed	Dia	mdia@laurentian.ca	Catalin	Ristea	catalin.ristea@fpinnovations.ca
Shervin	Espahbod	Espa9610@mylaurier.ca	François	Sarrazin	francois.sarrazin@forac.ulaval.ca
Sattar	Ezzati	sattar.ezzati.1@ulaval.ca	Stanley L.	Sclove	slsclove@uic.edu
Shuva	Gautam	shuva-hari.gautam.1@ulaval.ca	Shashi	Shahi	skshahi@lakeheadu.ca
Daniel	Gemara	dgem94@gmail.com	Wayne	Solomon	esolomon@redeemer.ca
Bernard	Gendron	Bernard.Gendron@cirreлт.ca	Taraneh	Sowlati	taraneh.sowlati@ubc.ca
Dror	Hermel	dror.hermel@ryerson.ca	Tamas	Terlaky	terlaky@lehigh.edu
Armann	Ingolfsson	armann.ingolfsson@ualberta.ca	Manish	Verma	mverma@mcmaster.ca
Yoon	Kim	yoonsk92@my.yorku.ca	Vedat	Verter	Vedat.Verter@mcgill.ca
Luc	LeBel	luc.lebel@sbf.ulaval.ca	Cheng-Marshall	Wang	cheng-marshall.wang@canada.ca
Jinghua	Liu	demiliu001@gmail.com	Guoqing	Zhang	gzhang@uwindor.ca
			Jian	Zhang	jian.zhang9@mail.mcgill.ca
			Yun	Zhou	zhouy185@mcmaster.ca

Not a member?

Registration process

- CORS Membership renewal (Forestry box)
- Send an email to : Tassed.Boukherroub@etsmtl.ca

Once you are FSIG member, join us on basecamp and join our linkedIn group!

Vote on the amendment
to Bylaw article 8.f

Bylaw article 8f (related to the jury for the DMSPPF)

- **Current Bylaw article 8f:** Applications are judged by a three members committee chaired by David Martell or by a delegate nominated by him or otherwise by the SIG President. The two other judges are, preferably, the Forestry SIG President and the OR in forestry program chair but delegate could be nominated by the Forestry SIG President
- **Proposition of Jean-François Audy and David Martell, modified by Gregory Paradis**

The Forestry SIG President, in consultation with David Martell, should form a PRELIMINARY jury panel of three FSIG members. If needed, the latter will make the final choice (decisional). The composition of the jury should aim for complementary expertise/experience/background among the jury members and one of the jury members should be a junior researcher. It is desirable that jury members are rotated after serving a few years.

Phase 1 of the competition: selection of up to 3 finalists among the applications (note: eligibility of the applications has been validated by the Forestry SIG President)

If a member in the PRELIMINARY jury panel is co-author in one (or more) of the applications, this member should be substituted by a FSIG member that has no co-authorship on the applications. The selection of this substitute is discussed among the remaining member(s) of the preliminary jury panel and David Martell. If needed, the latter will make the final choice (decisional). [The FSIG President should address any conflicts of interest within the jury before distributing submitted papers to jury members.](#)

Phase 2 of the competition: selection of the winner(s) among the finalists by the jury panel in phase 1.

[\(initial sentence: The full list of papers submitted should not be sent by the Forestry SIG President to anyone that will be asked to withdraw from the jury panel because one of their students has submitted a paper that he or she has co-authored.\)](#)

Bylaw article 8f (related to the jury for the DMSPPF)

- **Proposition supported by 10 FSIG members:**

1. Jean-François Audy (UQTR)
2. Gregory Paradis (UBC)
3. Mustapha Ouhimmou (ÉTS)
4. Foroogh Abasian (Université Laval)
5. Marc Manser (Dalhousie University)
6. Claudia Cambero (FPInnovations)
7. Tassedra Boukherroub (ÉTS)
8. Taraneh Sowlati (UBC)
9. David Martell (UofT)
10. Azdeh Mobtaker (ÉTS)

2019-2020 Period – Next President election

To Do:

- Identify the members of the Election Committee (two FSIG members at list)
- Nominate potential candidates
- Vote for the candidates (SurveyMonkey)

INFOR Special Issue

- Previous INFOR Special Issue: Volume 54, 2016 - Issue 3: Forestry Applications

Guest Editor: Gregory Paradis

Published online: 27 Jul 2016

- New INFOR Special Issue every two years
- Guest editors for next special issue

Jean-François Audy

Mustapha Ouhimmou

Continuous
improvement of FSIG

Results of the survey (SurveyMonkey)

<https://www.surveymonkey.com/r/XLL5D3K>

Dear (current or former) FSIG members,

We are setting up on a new web-based platform called Basecamp to improve networking, collaboration, and information sharing for FSIG members.

To optimize the future use of this platform, we designed a survey to collect information on your satisfaction regarding current communication tools (FSIG website, social networks, email, meetings, etc.) and FSIG activities in general.

Please take a few minutes to answer this anonymous survey. Thank you for your collaboration!
You will soon receive an invitation to join our new shiny FSIG basecamp! We hope to see you there.

Best regards,

Tassedra Boukherroun (FSIG president) and Gregory Paradis (former FSIG president)

OK

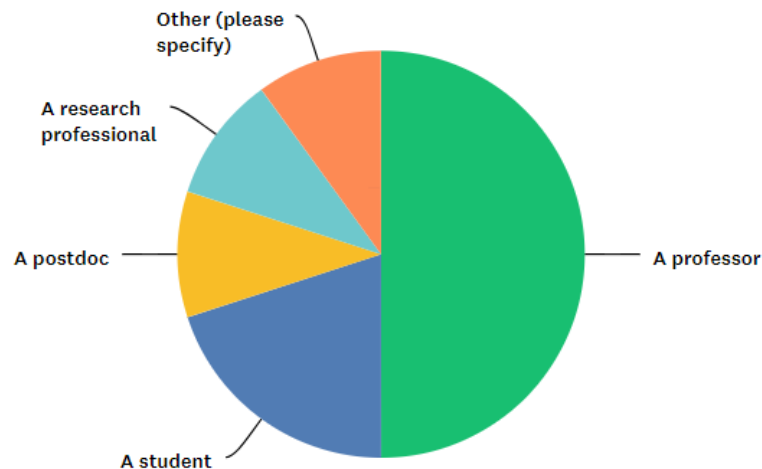
- Anonymous survey
- 56 current and former members – 6 short questions
- Period: October 2017-February 2018

Results of the survey (SurveyMonkey)

20 respondents over 56 (36%)

Q1: Who are you?

ANSWER CHOICES	RESPONSES
▼ A professor	50.00% 10
▼ A student	20.00% 4
▼ A postdoc	10.00% 2
▼ A research professional	10.00% 2
▼ Other (please specify)	Responses 10.00% 2
TOTAL	20



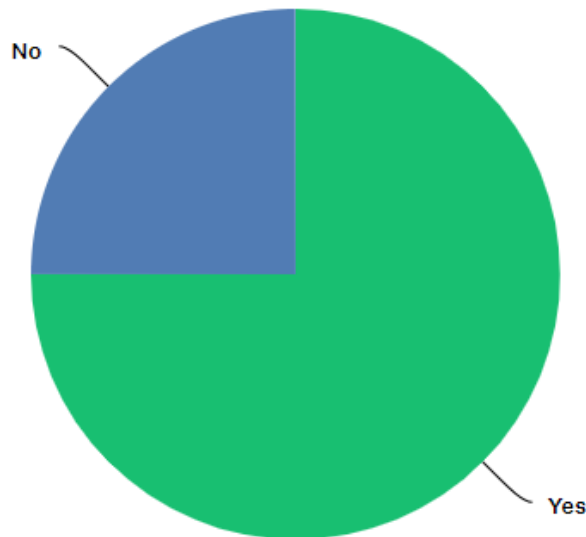
Other:

1 Government practitioner
1 Was student when I joined,
now I work as a Data Analyst

Results of the survey (SurveyMonkey)

20 respondents over 56 (36%)

Q2: Have you participated in FSIG activities (e.g. CORS special sessions in forestry, FSIG meetings, etc.) in the past?



ANSWER CHOICES	RESPONSES	
Yes	75.00%	15
No	25.00%	5
TOTAL		20

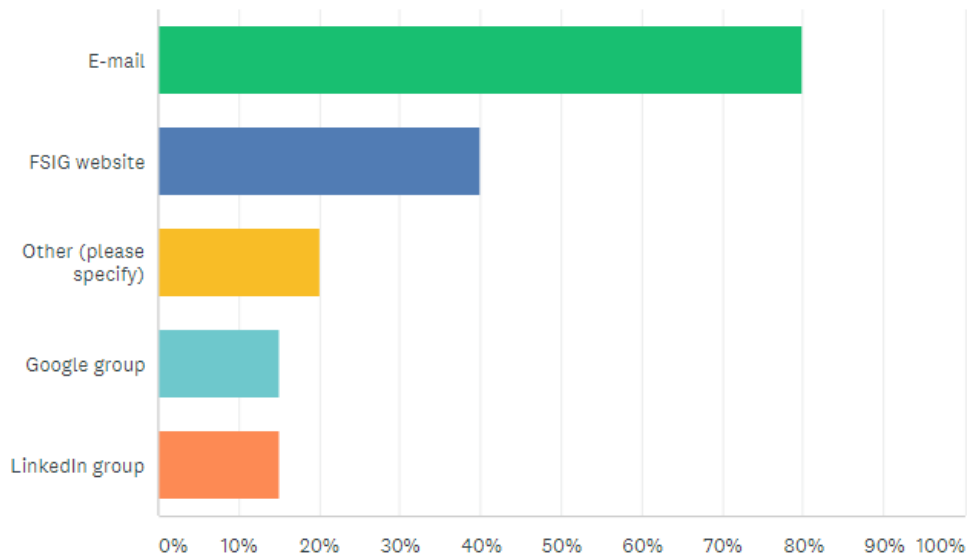
Results of the survey (SurveyMonkey)

20 respondents over 56 (36%)

Q3: How do you access to FSIG information and news?

ANSWER CHOICES	RESPONSES
E-mail	80.00% 16
FSIG website	40.00% 8
Other (please specify)	Responses 20.00% 4
Google group	15.00% 3
LinkedIn group	15.00% 3

Total Respondents: 20



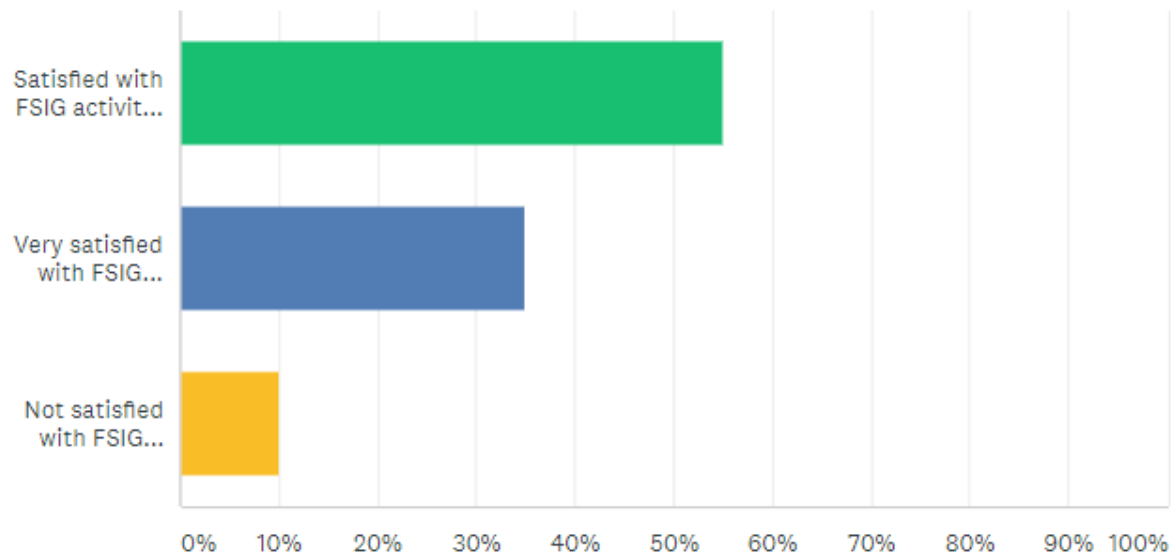
Other:

1. I was not aware of that, I discovered it via IFORS2017 meeting
2. Basecamp!
3. FSIG annual meeting at CORS
4. at CORS

Results of the survey (SurveyMonkey)

20 respondents over 56 (36%)

Q4: What is your satisfaction level?



ANSWER CHOICES	RESPONSES
▼ Satisfied with FSIG activities and information you recieve (e-mails, FSIG website, social networks, etc.)	55.00% 11
▼ Very satisfied with FSIG activities and information you recieve (e-mails, FSIG website, social networks, etc.)	35.00% 7
▼ Not satisfied with FSIG activities or information youou recieve (e-mails, FSIG website, social networks, etc.)	10.00% 2
TOTAL	20

Results of the survey (SurveyMonkey)

10 respondents over 56 (18%)

Q5: What could be improved in FSIG (up to three answers)?

- Nothing at this time (2)
- Networking among members (4)
- More communication (2) throughout the year (not only at CORS annual meeting)
- More active discussion online
- Collaborate more with the members
- Information sharing
- More clear information what FSIG can do and doing
- May be a news letter

Results of the survey (SurveyMonkey)

10 respondents over 56 (18%)

Q5: What could be improved in FSIG (up to three answers)?

- Increased breadth of topics covered
- More SIG activities (2), during the year (not only at CORS annual meeting)
- Frequent meeting, like once in a semester, even remotely
- Shorten the cycle time on the INFOR Special Issue on Forestry Applications
- More active recruitment of new members (there are many non-CORS-member graduate students in Canadian labs doing good OR... let's go find them and sign them up to CORS and the FSIG!)
- Social activities
- Have some special activities at CORS like pub meeting

Results of the survey (SurveyMonkey)

7 respondents over 56 (13%)

Q6: Do you have any suggestions for improving FSIG work?

- Not at this time (2)
- Continue to organize sessions at CORS meetings
- More communications
- and try to be in touch with members to become a huge society for all researchers in this trajectory all around the world
- Basecamp is a good start
- Create teams to think and work on common projects
- At the annual conference, plan an evening supper and announce it to everyone through email

Results of the survey (SurveyMonkey)

7 respondents over 56 (13%)

Q6: Do you have any suggestions for improving FSIG work?

- Prepare a special forestry issue for INFOR
- Be more strict with reviewer deadlines, and the special issue review lead time can be shortened considerably
- Propose more activities for students (e.g. webinars, summer school, seminars)
- Reach out to individual members who are profs, and supervise students. Also, reach out to prof researchers who are not CORS members. We could challenge all FSIG members to recruit as many new members as possible before the next meeting in Halifax. For each new member recruited, you get one ballot in a draw for a cool prize. We might even get support from the CORS exec, as this would automatically boost CORS membership, which is a strategic goal

FSIG-CORS Basecamp

FSIG

Welcome to FSIG, the Forestry Special Interest Group of the Canadian Operational Research Society (CORS). FSIG was founded in 2012 with the purpose of advancing the development of applications of OR to forest management planning problems and to forest products industry problems in Canada. For more on FSIG, please visit our website <http://www.cors.ca/SIG/Forestry/?q=content/welcome>



Campfire

- Dirk Kloss** 8:23am
great Team/project ever...
- ziffification** 8:55am
Hi
- Luc Lebel** 11:41am
Great idea Tassedá!
- Tassedá Boukherroub** 11:45am
Hi :-) Basecamp is a sugges...
- Greg Paradis** 1:59pm
Welcome to the FSIG Basec...

Message Board

- 2018 David Martell Student Paper Prize in Forestry -** 1
- Extension for abstract submission deadline**
- 4th David Martell Student Paper Prize in Forestry**
- What are you up to (January 2018)?** 2
- Welcome to Basecamp!**
Hi everyone! I am excited

To-dos 0/2

FSIG members satisfaction survey

- Survey Jan 15
- Vote the new bylaw article 8f (i.e., David Martell Student Paper Prize in Forestry) 2

Schedule

- Mon, Jun 4**
CORS 2018
Jun 4 - 6
Presentation of the 4th DMSPPF finalist papers 1
Jun 4 - 6
- Tue, Jun 5**
CORS 2018 |
Presentation of the 4th DMSPPF

Automatic Check-ins

Create recurring questions so you don't have to pester your team about what's going on.

Docs & Files

- Forestry SIG bylaws....**
- Proposed amend... to the bylaw article 8f (i.e., David)**
- Slides of Present... at 2017**



Canadian Operational Research Society
Société Canadienne de Recherche Opérationnelle

Thanks for your attention!

Tassedda Boukherroub, FSIG President

Tassedda.Boukherroub@etsmtl.ca