

## **2018 Conference & Annual General Meeting**

Fishermen and Scientists Research Society  
Best Western Plus Dartmouth Hotel & Suites  
March 7<sup>th</sup> and 8<sup>th</sup>, 2018

### **Post-Conference Report**

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## I. Introduction

We want to thank everyone who came out to our 25th annual conference on March 7th and 8th, we appreciate all of your support over the years, and welcome and thank you to all of the new comers. The conference started with a wonderful opening ceremony where our M.C, Magali Gregoire presented the organization beautifully. Our FSRS president, Ken Snow began the presentations with a welcoming and a few words about the organization. It is amazing to look back on the past 25 years of the FSRS and see how far we have come as a society.

We are very thankful to our presenters: Ms. Patricia King (The past 25 years- Retrospective of my time at FSRS); Mr. Darren Porter (Fisherman- Third Eye Approach, the Path to Wisdom through the Integration of Traditional, Local and Academic Knowledges); Ms. Lauren Scopel (UNB - Using seabird diets to help estimate recruitment and abundance of Atlantic herring); Dr. Jae Choi (DFO- Snow Crabs); Mr. Robert Freake (Transport Canada) and Ms. Amanda Dedrick (Fisheries Safety Association of Nova Scotia) who presented key points of the *Fishing Vessel Safety Regulations* pertaining to the local FV fleet; and Dr. Adam Cook (DFO- FSRS Recruitment Data). A warm thank you to our discussion panelists, Mr. Sam Elworth (FSRS Founder), Mr. Carl MacDonald (DFO), Mr. Anthony Charles (SMU), Mr. Randy Boutilier (Fisherman) and Mr. John Garland (Clearwater Seafood), as well as, our keynote speakers Dr. Nancy Shackell and Dr. Blair Greenan (DFO – Our Coasts, Our Fish and Our Communities in a Changing Climate: There’s Good News and Bad News...). We would also like to thank our student poster presenters for participating in this year’s student poster competition; Matthew Dunlop (UPEI), Joana Costa (Dalhousie), Sara Kingsbury (Saint Mary’s University), and Jake Poulton (Dalhousie). It was wonderful to see all of the research being done to help ensure the sustainability of Atlantic fisheries.

This year we added a Panel Discussion and “Break Out Groups” during the conference to allow those from different industries to interact and discuss given topics. This went over very well and highlights/key points from the panel discussion and break out groups can be found within the report. A report of the conference attendance, sponsorship totals and survey responses can also be found within the report.

Once again, thank you to all of those who came out to support this milestone year for the FSRS. We look forward to working with all of you in the future.

- The Fishermen and Scientist Research Team

## I. General Numbers

**Registered Guests:** 118 vs. 126 in 2017

**Final attendance:** 105 (estimate; excludes those who did not sign in) vs. 121 in 2017

**Number of post-conference surveys completed:** 29 (24% response rate) vs. 41 (43% response rate) in 2016

**Total sponsorship amounts:** \$9,537 (cash), \$5,320 (in-kind) vs. \$8,625 (cash), \$3,858 (in-kind) in 2017

**Cash raised by Dutch auction:** \$630 vs. \$811 in 2017

**Cash raised at door (donations):** \$823 vs. \$820 in 2017

## II. Conference Agenda

### 2018- 25<sup>th</sup> Annual Conference Agenda

#### Day 1: March 7

8:15-9:00 AM	Registration Open
9:00 AM	Opening & Welcome from FSRS President <b>Ken Snow</b>
9:30 AM	<b>Patty King</b> <a href="#"><i>Retrospective of My Time with the FSRS</i></a>
10:00 AM	<b>Darren Porter</b> <a href="#"><i>Third Eye Approach, the Path to Wisdom through the Integration of Traditional, Local and Academic Knowledges.</i></a>
10:30 AM	Nutrition Break (Poster Viewing)
10:45 AM	<b>Lauren Scopel</b> <a href="#"><i>How can seabird diets be used to inform fisheries management?</i></a>
11:15 AM	<b>Dr. Jae Choi</b> <a href="#"><i>Snow crab and environmental variability in Maritimes Region</i></a>
11:45 AM	<b>Robert Freake and Amanda Dedrick</b> <a href="#"><i>Key Points of the Fishing Vessel Safety Regulations as they pertain to the local FV fleet.</i></a>
12:15 PM	<b>Dr. Adam Cook</b>

	<a href="#"><u>FSRS Recruitment Data and How it is Used</u></a>
12:30 PM-13:30 PM	Lunch (Provided)
13:30 PM	FSRS Projects Update
13:45 PM	<b>Panel Discussion:</b> <i>Randy Boutilier, Dr. Tony Charles, Carl MacDonald, Sam Elsworth, John Garland</i>
14:45 PM	<b>Break Out Groups</b>
13:30 PM	Student Poster Session
16:30 PM	Closing Remarks
18:00 PM-20:00 PM	Evening Reception with Live Auction and Munchies

### Day 2: March 8

9:00-10:30 AM	FSRS AGM
10:30 AM	Recap of 1 <sup>st</sup> Day
10:45 AM	Nutrition Break
11:00 AM	<b>Dr. Nancy Shackell and Dr. Blair Greenan</b>  <a href="#"><u>Our Coasts, Our Fish and Our Communities in a Changing Climate: There's Good News and Bad News...</u></a>
11:30 AM	Closing Remarks and Student Awards

### III. Summary of Posters and Presentations for Public Release

The Fishermen and Scientists Research Society (FSRS) held its 25<sup>th</sup> Annual Conference on March 7<sup>th</sup> and 8<sup>th</sup>, 2018 at the Best Western Plus hotel in Dartmouth, NS. The conference included a range of presentations on topics surrounding the topic of 25 years of change in the fishing industry. This year's conference also included a panel discussion on the topic of climate change and break out groups. In addition to these sessions, the conference included posters and displays and a reception/Dutch auction.

#### **Presentations**

The FSRS would like to thank the following presenters for their very informative presentations:

**Patty King, PMD Services** (pmdservices@bellaliant.net) - Retrospective of My Time with the FSRS

**Darren Porter, MINAS** (darrenporter1@hotmail.com) – Third Eye Approach, the Path to Wisdom through the Integration of Traditional, Local and Academic Knowledges

**Lauren Scopel, University of New Brunswick** (L.scopel@unb.ca) – How Can Seabird Diets be used to Inform Fisheries Management?

**Dr. Jae Choi, DFO** (Jae.Choi@dfo-mpo.gc.ca) – Snow Crab and Environmental Variability in Maritimes Region

**Robert Freake and Amanda Dedrick, Transport Canada and Fisheries Safety Association of Nova Scotia** (rob.freake@tc.gc.ca; amanda@fisheriessafety.ca) – Key Points of the *Fishing Vessel Safety Regulations* as they Pertain to the Local FV Fleet

**Dr. Adam Cook, DFO** (Adam.Cook@dfo-mpo.gc.ca) – FSRS Recruitment Data and How it is Used

**Elizabeth Baker, Fishermen and Scientist Research Society** (Elizabeth.Baker@dfo-mpo.gc.ca) – FSRS Science Projects Update

**Dr. Blair Greenan and Dr. Nancy Shackell, DFO** (Blair.Greenan@dfo-mpo.gc.ca; Nancy.Shackell@dfo-mpo.gc.ca) – Our Coasts, Our Fish and Our Communities in a Changing Climate: There's Good News and Bad News...

### **Panel Discussion**

This year, based on survey respondents from previous conferences, the communications committee decided to host a panel discussion to discuss the past 25 years in the fishing industry, and to highlight how climate change has and will have an impact on the fishing industry. To help discuss these topics the following questions were asked:

1. What is one positive and one negative change from climate change that you have seen in the industry over the past 25 years?
2. There is a lot of talk about changes in species' distribution as temperatures start to change; how will this impact the work that you do?
3. What do you think we need to work on/change to best manage and adapt to these impacts?

Great discussions were had surrounding these questions from all of our panel discussion guests. These guests included: **Dr. Tony Charles**, a professor at Saint Mary's University whose research focuses on community based conservation and resource management in particular surrounding coastal resources such as fisheries, **Sam Elsworth**, a founding member of the FSRS who now works with the South West Nova Tuna Association, **Carl MacDonald**, a former employee of the FSRS who is now in the Resource Management Division of DFO, **Randy Boutilier**, a fishermen and board member of the FSRS, and **John Garland**, senior biologist for Clearwater Seafoods. The facilitator for the panel was Dr. Megan Bailey from Dalhousie University whose research is in the field of fisheries economics, also got in on the conversation. All our panelists gave great insights into the questions. A few key points that were brought up in regards to the questions asked were, positive changes that have occurred include a change in fishermen's attitude towards the environment, better cohesion between different groups, and an increase in technology that has helped in improving management of fisheries. They also discussed that a negative, but also positive part of changes cause by climate change is that new species have become harvestable and we do not understand the models we once used to make stock estimates, but

that this has led to a better understanding and learning of our environment. Another big take away that the panel discussed was that communities need to be more involved with the management of their resources as the changes that have and are going to continue to the fishing industry impacts their direct community.

Following this panel discussion the panelists and conference attendees were divided into 12 different small groups to discuss various topics relating to the fishing industry and climate change.

### **Break Out Groups**

#### **Topic 1: Climate Change and Fishing.**

It is evident climate change is occurring and is noticeable within the fisheries. Predominantly, climate change can be seen in changing water levels, resulting in the adjustment of wharfs and other near shore structures to accommodate for the rise in sea level. There is a noticeable change in species composition in some areas, specifically invasive species. With warming waters there has been an increase in jellyfish and tunicates. Fishermen are noticing a difference in their directed species. There are years when there seems to be an abundance of the species sought and other years where there is nothing - they are noticing extreme variability within the fishery.

A key take away point for the climate change and fishing topic was that there is data out there proving that climate change exists. However, there needs to be a way to access this data. This would help both fishermen and scientists learn more about the current climate change status.

#### **Topic 2: Research.**

Research is important and data sources should be combined and shared across borders (e.g. Canada and U.S.A). Social science is currently an afterthought to DFO and there needs to be an improvement in organization between everyone involved with the fishing industry. For the continuation of scientific studies, there needs to be stable funding. It is difficult to make an impact with research when funding is unpredictable, leading to a potential gap in data. It is important to involve local communities in data collection and increase the education programs available. It is believed that these steps will help explain current research and its future implications.

#### **Topic 3: Fishing Practices.**

A key point that was mentioned various times throughout the discussion surrounding fishing practices, was that there needs to be an improvement in the access ability of technology in the fishing industry. As well, waste management was an important conversation piece in these two groups. When considering fishing practices, it is important to consider the preparation for fishing season, the practices undertook while fishing and the practices that occur at the end of the day, such as waste management. There should be waste management practices in place at the wharfs, allowing for better sorting at the harbour. Having a waste management strategy in place will allow for increased education about the proper disposal of waste at the wharfs. .

#### **Topic 4: Industry Adaptive Strategies.**

It was discussed within these groups that there needs to be increase involvement with data collection and collaboration with DFO. It is key to have communication, collaboration, respect and equality for all those within the industry, no matter your position. To allow for an integration of science, there needs to be improvement in the different management styles to allow equal collaboration to occur.

**Topic 5: Past Challenges.**

In the past there has been lack of adaptive capacity within the fisheries. Policies and quotas have always been a challenge and only a handful of individuals have allocation to said quotas. A major past challenge in the fishery has been a lack of communication between science, stakeholder, industry and communities.

**Topic 6: Future Challenges.**

A future challenge that the fishing industry will face is overcapacity. With increases in technology and increase availability into the fishery, the ocean will become overcrowded. This could potentially lead to the decentralization of management, allowing for a more flexible licensing system. It is important that in the future there are policies and measures in place that incorporate adaptive planning and community based knowledge sharing in fisheries management.

The overall take away from this year’s conference: **communication, collaboration, respect** and **equality** are needed within the fishing industry.

**Posters**

We would also like to thank the following student poster presenters for their contributions:

Joana Costa, Dalhousie University - [Community Survey of Potential Protected Area Near Sambro, NS](#)

Sarah Kingsbury, Saint Mary’s University - [Chinese Mystery Snail: An Invasive Species to North America](#)

Jake Poulton, Dalhousie University - [A comparison of the food web structure of intertidal mudflat ecosystems in the Minas Basin](#)

Matthew Dunlop, Prince Edward Island University - [Isolating Nanocrystalline Cellulose from Invasive Island Tunicates](#)

**IV. Donations, Donors and Use**

*Cash and In-Kind Sponsors*

<b>Organization</b>	<b>Amt. pledged</b>	<b>Amt. Pledged (in kind)</b>
NSERC Connect Grant	\$2,412	
Marine Affairs Program	\$1,000	
Atlantic Catch Data	\$500	
Bakers Point Fisheries Ltd.	\$500	
Campobello Whale Rescue Team	\$500	
Ecology Action Centre	\$500	
Prospect Area Fulltime Fishermen’s Association	\$500	
VEMCO	\$500	\$1,000



Caldwell Roach Insurance	\$300	
Maritime Aboriginal Peoples Council	\$300	
Sambro Fisheries/HWCFA	\$300	
Centre for Ocean Ventures and Entrepreneurship (COVE)	\$250	
Dalhousie Association of Marine Biology Students (DAMS)	\$250	
Oceana Canada	\$250	
Select Nova Scotia	\$250	
The Nova Scotian Institute of Science	\$250	
COINAtlantic	\$175	
Alliance Envelope Limited	\$150	
Ocean Tracking Network	\$150	
Perennia	\$150	
WWF-Canada	\$150	\$100
Barrington Catch Monitoring	\$100	
Lobster Council of Canada	\$100	
TriNav Fisheries Consultants		\$800
DSS Marine Incorporated		\$580
Navigator		\$500
Hines Marine Service Ltd.		\$250
Keith's Brewery		\$165
Fisheries Museum of the Atlantic		\$150
Rainbow Net and Rigging Ltd.		\$100
Wade's Wire Traps		\$100
Fisheries Safety Association of Nova Scotia		\$80
Ambassatours/Murphy's The Cable Wharf		\$80
Bread and Butter Pottery		\$80
O'Regans		\$60
The Discovery Centre		\$40
Good Robot Brewery		\$25
NSLC		\$20
<b>TOTAL (\$)</b>	<b>\$9,537</b>	<b>\$4,130</b>

*In-Kind Donation Use*

**Prize Items**

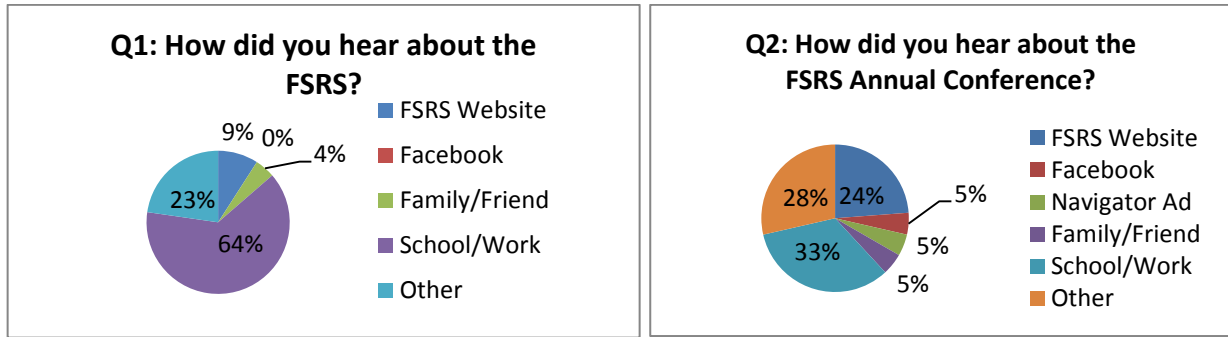
Vemco Data logger & Minilog	Lunch door prize
The Discovery Centre Family Day Pass	End of night door prize
\$250 donated by NSIS	Scientific merit award (poster)
Cineplex Gift Card	People's choice award (poster)
Newfoundland Chocolate Company & BIO	Gifts to presenters
Oceanography Book, FSRS Mug	

**Dutch Auction Items**

Drawings of SeaLife	60	John's Lunch gift card (\$20)	20
Mooseheads Jersey Signed	150	BBQ over	30
Quickshelter Tent	70	Rescue Tow Bag	20
FMA Gift Basket	150	Adopt-A-Stream Gift Basket	20
Oil Pants	80	First Aid Kit	80
O'Regans Toyota gift Card (bronze level detailing)	60	Iron Lobster Lawn Ornament	50
The Rock Cooking Set	50	Home Hardware Sweater and Tshirt	40
Expandable Dish Rack	45	Good Robot Gift Card	25
Oil Jacket	80	Knife, Light and Sunglasses	40
Bread and Butter Pottery	80	Tidal Salt Starter Kit	20
Brewery Tour and Swag	165	31 Gifts Gift Pack	60
Cummins Gift Pack	60	WWF-Canada Gift Basket	100
ICOM VHF and Hat	200	1 Night Stay at the Comfort Inn Dartmouth	175
Custom Lobster Trap	100	Tall Ship Silva Tour	80
Wire Trap	100	Olex or Max Remote	250
PFD and Gloves	150	Immersion Suit	580
<b>TOTAL (\$)</b>			<b>\$3,190</b>

**V. Conference Survey Results/Feedback**

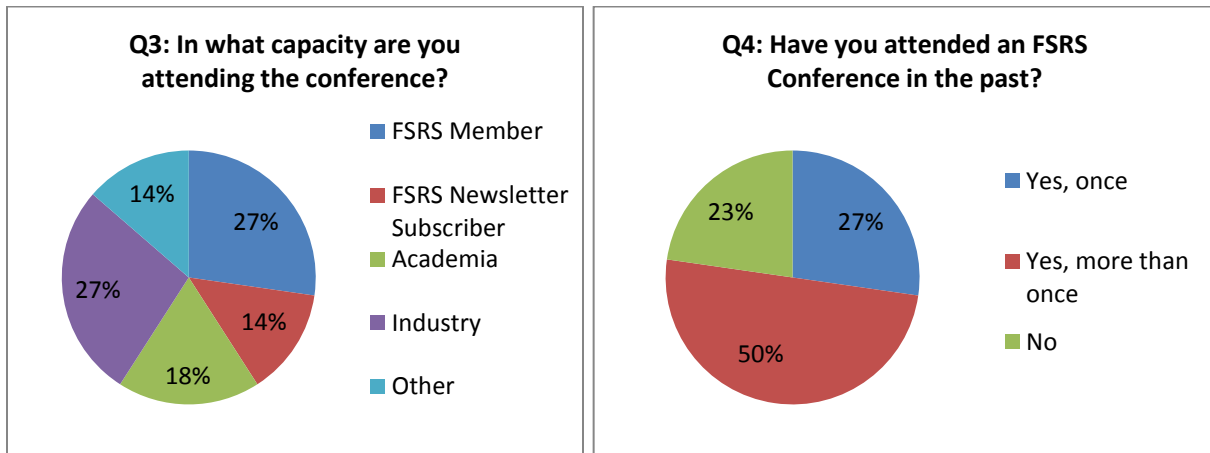
**Results: Post-Conference Survey**



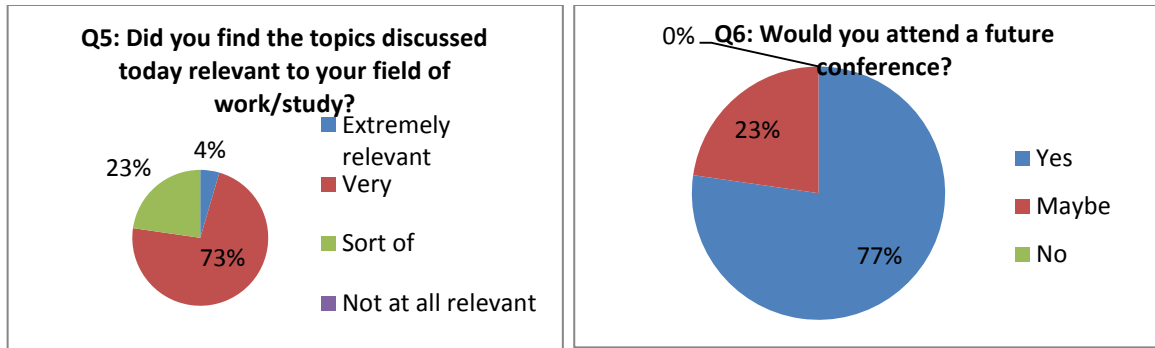
**Q1:** Most people heard about the FSRS through work/school or other means. This year with it being the 25<sup>th</sup> anniversary, many attendees were founders or early members of the FSRS.

**Q2:** The majority of respondents heard about the FSRS conference through other means, school/work or the FSRS website. ‘Other means’ included email, active involvement in planning the conference (volunteers), as pre-existing members or word of mouth (colleagues).

In both cases, only a small number of people heard of the FSRS/conference via Facebook.



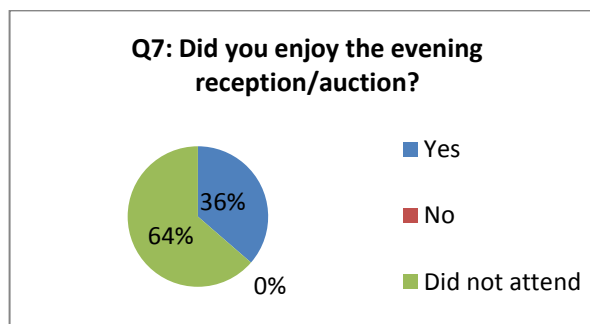
**Q3 & Q4:** The majority of attendees [that filled out the survey] were already FSRS members, or worked in the industry. Those who were members had attended more than one conference. The leading number of survey respondents had attended more than once. With first time attendees being mostly those in the academic community.



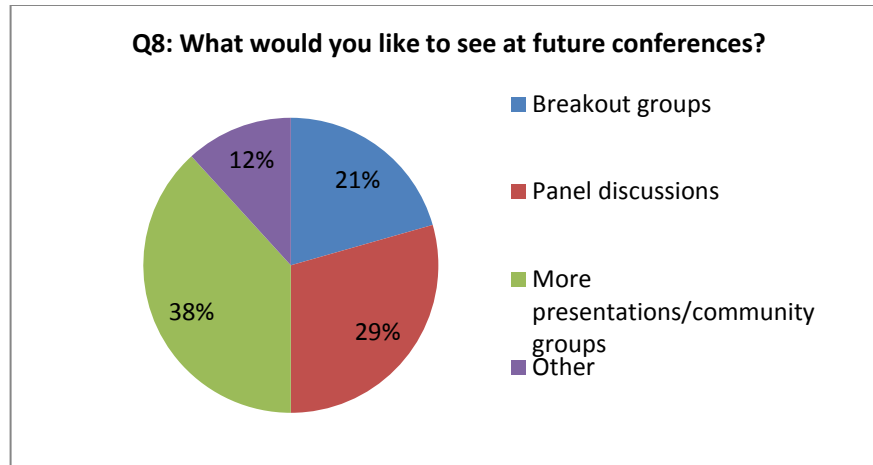
**Q5:** Most people said the subject matter of presentations was very relevant to their field of work/study.

**Q6:** The vast majority of people said they would attend an FSRS conference in the future. Reasons people responded with maybe included:

- Time constraints and deadlines with their job
- Graduating soon, but collaborators would be interested
- They are interested in becoming better informed of fishermen’s knowledge and
- The comradery of the conference



**Q7:** Most people did not stay for the reception/auction, but those who did enjoyed it.



**Q8:** A majority of were interested in more presentations and community group presentations. The panel discussion was well received.

- Other interests included a plenary discussion and open forum format at some point.

***General comments from attendees (summarized):***

- Many people were interested in how the FSRS came to be and its origin story and how it has prevailed. Would be interesting to hear a presentation on that.
- Presentations were of appropriate length (20 minutes with 10 minutes for questions).
- Could do smaller and shorter panel discussions. Maybe a fishermen’s only panel or a survey of some sort to give them more of a voice.
- Have option to view silent auction before reception, might get money from people not attending.
- More emphasis on the presentation of relevant research from industry and academia and areas for collaboration.
- It would be encouraging to see some information on the subject of marine pollution and to see what the fishermen are doing and saying about marine pollution including discarded and lost gear.
- More presentations on invasive species and how to manage them and climate change.
- How fishermen feel about Marine Protected Areas, both from a national and international perspective.
- Would be nice to interact more with attendees than just listening to presentations.
- More information and presentations on community initiatives.
- With tidal power becoming a more prevalent topic for our waters, it would be interesting to include information about tidal energy into the conference.
- More information about lobster and lobster fisheries, specifically LFAs 26-30.
- This year was very science heavy, would be nice for more of a balance.

***General notes/thoughts for future conferences:***

- First year that we extended the conference past a day. It was nice having the AGM on the second day so that the conference was not split up too much but the weather on the second day was less than favourable and not as many people showed up.
- With it being two days, the sponsor booths were only there for day 1, it was suggested putting the student posters in this room too, to try to persuade people into the booths. Also they would like to be up for both days.
- The main podium microphone this year was quiet and hard to decipher in the back of the room.
- A lot of talk about FSRS and how we came to be, would be interesting to dive into that a bit more and to do a photo diary type presentation of a day in the life of a project.
- Only 4 student poster submissions, despite multiple emails being sent to school contacts, might be worth putting up posters on campuses next year.
- Consider a new sponsorship level to promote companies to continue to sponsor (e.g., Golden Lobster for 5+ years of sponsorship). Maybe recognize them in all newsletters or Facebook, small gift...
- Took donations for hats and scarves, did not pull too much in but did sell all of the scarves! People loved them.

## VI. Minutes of the Annual General Meeting

### 1. Welcome and Introductions

Ken Snow welcomed members to the Annual General Meeting (AGM) and thanked FSRS staff for their contributions over the past year.

### 2. Approval of the Agenda

The agenda (see Appendix A) was reviewed. Line added related to data in agenda by Mary Kennedy. Randy Boutilier motioned to approve the agenda. Courtenay Parlee seconded the motion. None were opposed. The motion carried.

### 3. Approval of Minutes of 2016 Annual General Meeting

The minutes of the 2017 Annual General Meeting were reviewed. Eugene O'Leary motioned to approve the minutes. Hughie Boutilier seconded the motion. None were opposed. The motion carried.

### 4. Annual Board of Directors' Report

Ken Snow read the Board of Directors' Report submitted by Angelica Silva. Ken also gave a brief update on the Board of Directors; the year went well.

### 5. Director of Operations' Report

Shannon Scott-Tibbetts presented the Director of Operations' Report.

The 2017 Work Plan was reviewed (see Appendix B).

### 6. Finance Report

Shannon Scott-Tibbetts presented the Finance Report.

Total Revenues for 2017 equalled \$432,326; total expenses equalled \$363,917 and the Revenue-Expenses totaled to \$68,408. The total surplus in 2017 was \$223,921. Total projected revenue for 2018 is \$300,878 and projected expenses are \$345,550. Projected revenue-expenses for 2018 is -\$44,672. The decrease in the DFO Harvest fisheries contract will only cover Sentinel Survey. The loss of \$140,000 for 2018-2019 means that there will be no outside funding for the LR project. After April 1<sup>st</sup>, 2018 we will have to find other monies to cover the expenses or end the project in the Fall.

The estimated cost of this year's conference is currently at \$14,653, which is a surplus of \$852. The conference is covered by the DFO contract (\$5,000), sponsorships (\$8,875), and projected donations (\$1,630). This total will change slightly as final venue, food, hotel, and mileage expenses are calculated. The cost of the conference in 2017 was \$14,653. Donations in the amount of \$20 were requested at the registration table of this year's conference, with anyone donating receiving a free FSRS hat as a thank you.

Randy Boutilier motioned to approve the budget. Mike Sinclair seconded the motion. None were opposed. Motion carried.

The Work Plan for 2018 was presented (see Appendix C).

## 7. Election and Appointment of Officers & Committee Chairs for 2018-2019

Nominations were as follows:

Position	Nominee
President	Ken Snow
Vice-President	Winford Risser
Treasurer	TBD
Secretary	Peter Hurley
Directors at Large	Josh Fricker Courtenay Parlee William Bond Darren Porter Mike Sinclair Chelsey Karbowski Hubert Boutilier Randy Boutilier Carl Myers Angelica Silva Megan Bailey

Fourteen positions nominated. All nominations were accepted by the nominees. Courtney Parlee moved nominations cease. Shannon welcomed the new Board of Directors.

### 2018 Board of Directors

Position	Elected Member
President	Ken Snow
Vice-President	Winford Risser
Treasurer	TBD
Secretary	Peter Hurley
Directors at Large	Josh Fricker Courtenay Parlee William Bond Darren Porter Mike Sinclair Chelsey Karbowski Hubert Boutilier Randy Boutilier Carl Myers Angelica Silva Megan Bailey

## 8. Appointment of 2017/18 Auditors or Review Engagement

Lyle Tilley Davison is the auditor who did the financial review last year. Shannon believed the same auditors should be kept. Courtenay Parlee motioned to keep the same auditing firm for 2018/19. Hubert Boutilier seconded the motion. None were opposed. The motion carried

## 9. New Business

New business addressed by Mary Kennedy – Data. Look into the access of data, survey of members to determine what they are looking for; promote data shared internationally and OBIS, 2006.

## 10. Close the Meeting

Magali Grégoire motioned to adjourn the meeting at 10:30 am. The motion carried.



## VII. Appendices

**Appendix A**  
**Fishermen and Scientists Research Society**  
**Annual General Meeting**  
**Agenda**  
**March 8<sup>th</sup>, 2018**

1. Welcome and Introductions – Ken Snow
2. Approval of the Agenda
3. Approval of Minutes of 2017 Annual General Meeting
4. Annual Board of Directors’ Report – Ken Snow
5. Director of Operations’ Report – Shannon Scott-Tibbetts
6. Finance Report – Shannon Scott-Tibbetts
7. Election & Appointment of Officers and Committee Chairs for 2018/19
  - a. Executive Officers
  - b. Directors at Large
8. Appointment of Auditors for 2018/19
9. New Business
10. Closing of the Meeting

**Appendix B**  
**Executive Director's**  
**Review of 2017 Work Plan**

**A few accomplishments from the past year:**

- We hosted a successful annual conference and AGM in February of 2017.
- Our Facebook page now has over 300 likes. This is a great platform for our members to share ocean related news from their communities. If you haven't already done so, 'like' the page today!
- Our twitter account is @fsrs\_info, make sure to 'follow' us!
- Our improved Hook, Line and Thinker format is both web and mobile friendly. Keep an eye on your inbox and catch up on FSRS news from wherever you are!

**Membership**

- 541 members to date.
- A broad range of fishermen, scientists, students, and the general public.
- Members from across Canada and internationally.
- Membership continues to be free, although donations are always welcome.

**Committees**

- *Scientific Program Committee*
  - Has met three times in person or via conference call.
  - Reports on all of our projects as part of the annual conference.
  - Reviews proposals for scientific merit, value to fishermen, and acceptability to communities; seeks ideas of interest to members.
  - Staff provide project updates and develop guidelines for reviewing and approving projects.
- *Communications Committee*
  - Has met four times in person or via conference call.
  - Works together on promotion of the FSRS via the e-newsletter, website, Facebook page, and outreach events.

**e-Newsletter**

- Produced quarterly and currently has over 800 subscribers. It can be found online at <http://www.fsrs.ns.ca/newsletter.php>

**Website**

- You can find information on the FSRS and the projects we are involved in on our website: [www.fsrs.ns.ca](http://www.fsrs.ns.ca)
- Updating a new website <https://fsrsns.wordpress.com> – launch to be announced
- You can also become more involved through committees or becoming a member on our website.
- The website does need some maintenance and renewal. Any and all suggestions are welcome!

**Events and Outreach**

- Attended various advisory meetings to present project results and information about the FSRS
- February 2017 FSRS Annual Conference
- March 2017 NSDFA Ministers Conference
- March 2017 Clear Seas Symposium
- May 2017 Maritime Fundraising Conference
- June 2017 International Lobster workshop and conference
- June 2017 H2O (Home to Overseas) Conference
- LFA Advisory meetings
- September 2017 BIO Open House
- October 2017 Right Whale Consortium meeting

- November 2017 Sustainable Ocean Summit

#### **Strategic Plan**

- An online survey was distributed to the membership in 2016 to gauge what is important to members and what they feel the FSRS should pursue or improve upon in the coming years. Had a response rate of 42 surveys.
- Many were interested in seeing more multi-stakeholder workshops.
- Most respondents wanted to see membership engagement, cooperation & education as a focus, in addition to fishery & ecosystem protection/sustainability.
- Top answers for what makes the FSRS unique from other fisheries organizations were;
  - Unbiased party/not a lobby group
  - Inclusiveness – connection/collaboration/communication with fishers and scientists and other groups
- Next steps include planning to restructure the existing membership to promote member engagement & communication; and to plan for securing more research contracts that fit with our mandate.

#### **Research by the FSRS**

- Included in the SPC Update.

**Appendix C**  
**Fishermen and Scientists Research Society**  
**2018/19 Work Plan**

**Contract and Project work**

- As outlined in the budget slides and SPC Update.

**Membership**

- Looking to expand our membership.
- Currently looking for members to help us with membership recruitment. Inquire through FSRS staff and online ([www.fsrs.ns.ca](http://www.fsrs.ns.ca)).

**Social Media**

- We would like to keep Facebook and Twitter active. Like and Follow for FSRS updates!

**Outreach**

- Promotion of the FSRS through outreach to promote collaboration, sustainable fishing and our coastal communities.

**Communications**

- 26<sup>th</sup> Annual FSRS Conference will be held in February of 2019 to continue to promote the great collaborations and important research done by the FSRS and its supporters; looking for sponsors.
  - Will be looking for other funding sources to increase monies received from sponsors.
- Next newsletter will be sent out in March, 2017.
- Looking to update the website to a new web host. Waiting for it to be launched.
- Will continue to attend fishermen's organizations meetings to present project results and promote the FSRS.
- Will continue to submit articles in industry and science magazines.
- Continue to work on strategic plan for 2017-2021; outreach ventures, increasing membership, etc.

**Appendix D**  
**Fishermen and Scientists Research Society**  
**25<sup>th</sup> Annual General Meeting**  
**Attendance List**

	<b>Name</b>	<b>Organization</b>
1.	Mike Sinclair	Retired DFO
2.	Timothy Lambert	Retired DFO
3.	Peter Hurley	Retired DFO
4.	Eugene O'Leary	GCIFA
5.	Randy Boutilier	Fisherman
6.	Junior Risser	Fisherman
7.	Hubert Boutilier	FSRS-ESPA
8.	Sonia Smith	Clean Foundation
9.	William Bond	FSRS/Fisherman
10.	Ken Snow	FSRS/Fisherman
11.	Melissa Bond	FSRS/Fisherwomen
12.	Sarah Delorey	GCIFA
13.	Jamie Delorey	GSIFA/Fishermen
14.	Mark Jeffery	Fishermen
15.	Brandon Fitzgerald	FSRS
16.	Tammy Rose-Quinn	DFO
17.	Philip Groom	Fishermen
18.	Darren Porter	Fishermen/Researcher
19.	Mary Kennedy	Volunteer OBIS Canada
20.	Andrew Sherin	CoinAtlantic
21.	Courtenay Parlee	FSRS Board
22.	Magali Gregoire	FSRS Comms
23.	Jordan Gardiner	FSRS Staff
24.	Lindsay Randell	FSRS Staff
25.	Teresa MacDonald	FSRS Staff

**Appendix E**  
**Fishermen and Scientists Research Society**  
**25<sup>th</sup> Annual Conference Survey**



**FSRS Annual Conference**

Best Western Plus Hotel and Suites,  
 Dartmouth, NS

**How can we improve?**

Please take a moment to help us improve your experience at the FSRS Annual Conference. **When you've finished, fill out the tab at the top and drop it in the box at our front desk to be entered to win a prize!**

<p><b>1. How did you hear about the FSRS?</b></p> <p><input type="checkbox"/> The FSRS website</p> <p><input type="checkbox"/> Facebook</p> <p><input type="checkbox"/> Navigator Advertisement</p> <p><input type="checkbox"/> Family/Friend</p> <p><input type="checkbox"/> School/Work</p> <p><input type="checkbox"/> Other (please specify) _____</p>	<p><b>2. How did you hear about the FSRS Annual Conference?</b></p> <p><input type="checkbox"/> The FSRS website</p> <p><input type="checkbox"/> Facebook</p> <p><input type="checkbox"/> Navigator Advertisement</p> <p><input type="checkbox"/> Family/Friend</p> <p><input type="checkbox"/> School/Work</p> <p><input type="checkbox"/> Other (please specify) _____</p>
<p><b>3. Describe yourself (Check all that apply)</b></p> <p><input type="checkbox"/> FSRS Member</p> <p><input type="checkbox"/> FSRS Newsletter Subscriber</p> <p><input type="checkbox"/> Academia (non-member student, researcher)</p> <p><input type="checkbox"/> Industry</p> <p><input type="checkbox"/> Other (please specify) _____</p>	<p><b>4. Have you attended an FSRS conference in the past?</b></p> <p><input type="checkbox"/> Yes, one other conference</p> <p><input type="checkbox"/> Yes, more than one other conference</p> <p><input type="checkbox"/> No, this is my first time attending</p>
<p><b>5. Did you find the topics discussed today relevant to your field of work/study?</b></p> <p><input type="checkbox"/> Extremely relevant</p> <p><input type="checkbox"/> Very</p> <p><input type="checkbox"/> Sort of</p> <p><input type="checkbox"/> Not at all relevant</p>	<p><b>6. Would you attend a future FSRS conference?</b></p> <p><input type="checkbox"/> Yes</p> <p><input type="checkbox"/> Maybe</p> <p><input type="checkbox"/> No</p> <p>Why? _____</p>
<p><b>7. Did you enjoy the evening reception/ Auction?</b></p> <p><input type="checkbox"/> Yes</p> <p><input type="checkbox"/> No</p> <p><input type="checkbox"/> Did not stay to attend</p>	<p><b>8. What would you like to see at our 26<sup>th</sup> Annual Conference in 2019?</b></p> <p><input type="checkbox"/> Breakout groups</p> <p><input type="checkbox"/> Panel discussions</p> <p><input type="checkbox"/> More presentations / community groups</p> <p><input type="checkbox"/> Other (please specify) _____</p>
<p><b>9. Do you have any suggestions for our 2019 conference?</b></p>	<p><b>10. What presentation topics would you like to hear about at next year's conference?</b></p>

**Appendix F**  
**Fishermen and Scientists Research Society**  
**Break Out Group Questions**

Topic 1 : Climate Change and Fishing

Key Points:

- What worries you most about the climate change and Atlantic Canada's fisheries?
- What are the biggest impacts you have witnessed due to climate change and how have you adapted to these changes?
- What would you like to know more about regarding climate change and fishing impacts?
- What species do you think are most at risk with a changing climate?

Topic 2: Research

Key Points:

- What are past scientific research projects you have participated in? What were the implications (if any) for the industry?
- What areas of research within the fishing industry would you like to see/do you feel are necessary relative to climate change adaptation?
- Who else needs to be at the table (or represented more) when it comes to research about fisheries?

Topic 3: Fishing Practices

Key Points:

- What are some major changes that have happened over the past 25 years?
- What changes would you like to see moving forward?
- Were there any past changes that you were sceptical/hesitant to make?
- Did these changes end up being positive in the long run?
- Has technology advanced or hindered your fishing practices over the past 25 years? How so?

Topic 4: Industry Adaptation Strategies

Key Points:

- What adaptation strategies have you adopted due to changes in the environment, species distribution, industry changes, etc., over the past 25 years?
- What adaptation strategies have you found to work? What hasn't worked/will need to change again in the future?
- What would you suggest for adaptation strategies and risk management moving forward?

### Topic 5: Past Challenges in Fishing

#### Key Points:

- What have been the biggest challenges you have faced over the past 25 years?
- How did you adapt and/or overcome these challenges?
- What did and did not work when facing these challenges?
- What can we learn from these past challenges for future challenges?

### Topic 6: Future Challenges in Fishing

#### Key Points:

- What do you think will be the biggest challenges moving forward for the fishing industry?
- How can we overcome these challenges?
- What are you willing to change and what are you not willing to change in facing these challenges?

What research would you like to see to help with future challenges?