



Issue: 2016-4

Winter 2016



**FISHERMEN & SCIENTISTS
RESEARCH SOCIETY**

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Latest News

Welcome to the latest edition of the Fishermen and Scientists Research Society newsletter.

We are getting closer and closer to our annual conference! How exciting! We hope that we will see you there February 23, 2017 in Dartmouth, NS.

As mentioned at the general meeting last February, we continue to think about ways to make the FSRS better for our members and collaborators. We are working on our Strategic Plan and we are looking for your suggestions on how to increase membership and keep the FSRS moving forward! A short survey was sent out and we would appreciate your participation to help us develop and grow.

[PARTICIPATE IN SURVEY HERE](#)

If you know anyone who is interested in receiving more information about the FSRS, please direct them toward signing up for our newsletter: <http://fsrs.ns.ca/newsletter.php>



We are looking for volunteers to help out on our Communication Committee!! This [committee](#) meets 4 times a year via conference call or in person and thinks about ways to make the FSRS work better for its members, plan the annual conference and any other outreach events for the coming year.

Let us know how we can make the Fishermen and Scientists Research Society better for our members and our supporters. Please feel free to send your thoughts to info@fsrs.ns.ca.

Wishing you all the best this holiday season,

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ANNUAL CONFERENCE UPDATE

Our 24th Annual conference will be held on **February 23rd, 2017** at the Best Western Plus Hotel and Suites in Dartmouth.

The conference will be held in one day with the AGM as a working lunch. Don't

forget to [Register!](#) An [agenda](#) is available on the conference webpage. The day will begin with a keynote address from Dr. Megan Bailey (Dalhousie University/Ocean Frontier Institute) and will continue with learning more about fisher engagement and collaboration with presentations by Dr. Allain Barnett and Dr. Melanie Wiber and Donna Curtis Maillet as well as getting updates from various community groups on their projects. There will be a [Student Poster Competition](#) once again so we encourage student participation. Submissions will be judged for the Best Scientific Poster Award with a cash prize of \$250!

IMPORTANT: Remember to book your hotel room by January 22, 2017 to get the special conference rate. There are a limited number of rooms blocked at the conference rate of \$121+tax/night, so book your room as soon as possible. This rate includes a hot buffet breakfast as well as free parking. The room release date is January 23, 2017. Please visit the FSRS [conference page](#) for details on how to get the group rate. Find all of the details on the website!

Please plan to join us next February for our 24th Annual Conference.



Keep on the look out for updates on the conference regarding registration and agenda on [Facebook](#), [Twitter](#) and the FSRS [website](#) .

We are looking for more [sponsors](#) for this great event. If you are interested in sponsoring the conference contact us at fsrs.conference@gmail.com

Lobster Settler Sponsorship (\$100 - \$249 cash or \$150 - \$399 in kind)

Juvenile Lobster Sponsorship (\$250 - \$499 cash or \$400 - \$749 in kind)

Adult Lobster Sponsorship (\$500+ cash or \$750+ in kind)

[See here for the full list of sponsor benefits.](#)

[Thank you to our current list of sponsors!](#)

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SCIENCE UPDATE

Elizabeth Baker – Acting Science Projects Manager

It has been a busy and exciting Fall season here at the FSRS, let me update you on what's been happening!

Communicating Results -

FSRS staff attended post and pre-season **advisory meetings** throughout the province in LFAs 31-35. At many of these meetings we presented the results of the Lobster Recruitment Project and Nearshore Temperature Monitoring Program to those in attendance. This also gave us the opportunity to hear about current issues and changes being brought forward in the lobster industry. We look forward to attending more pre-season meetings in the Spring!

Ready for Recruitment -

With the opening of the lobster season in LFAs 33 and 34, we held meetings along the South shore of Nova Scotia to present last year's [Lobster Recruitment](#) findings and distribute materials for this year's study. We were happy to see many familiar faces while meeting some new additions to the project who we are confident will give valuable contributions to our dataset. If you or anyone you know is interested in becoming more involved in the various science projects conducted by the FSRS, please don't hesitate to contact us at info@fsrs.ns.ca, or phone Elizabeth at 1-800-226-3777.

Settling in for Collectors -

It was a busy field season in October and early November when I took part in the **DFO-FSRS Lobster Settlement Collector Project**. We traveled to St. Mary's Bay (Digby Co.), Whitehead (Canso), and False Bay (Louisbourg) to retrieve collectors

and look for Stage-IV settlers in both deep and shallow waters.



photo credit Tricia Pearo Drew

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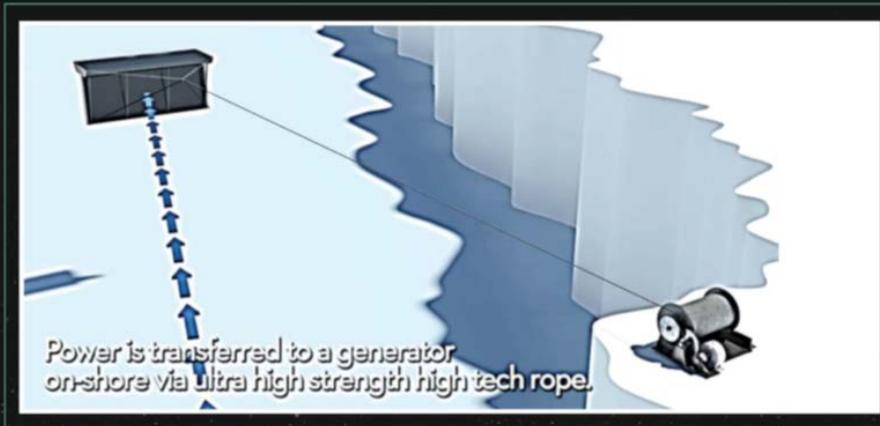
BIG MOON FOCUS GROUP – Looking for your Input!

The FSRS has been contracted to host focus groups in the upper Bay of Fundy with local, knowledgeable fishermen. If you are interested in the project below and fish in the upper Fundy area, we would love to hear from you!

BigMoon is a new company developing a unique Kinetic Keel™ technology, which is designed to have minimal impacts on the environment (see Figure below). The FSRS has been contracted by BigMoon Canada Corporation to record fishermen's local ecological knowledge, so that Big Moon can understand the potential impacts of their technology on the Upper Bay of Fundy. From this, they can gain a better idea of how they might best integrate the Kinetic Keel™ (i.e., with as little environmental, social, and economic impact as possible). This is also a great opportunity for fishermen to learn about this tidal energy technology.

TECHNOLOGY

OPERATING PRINCIPLES



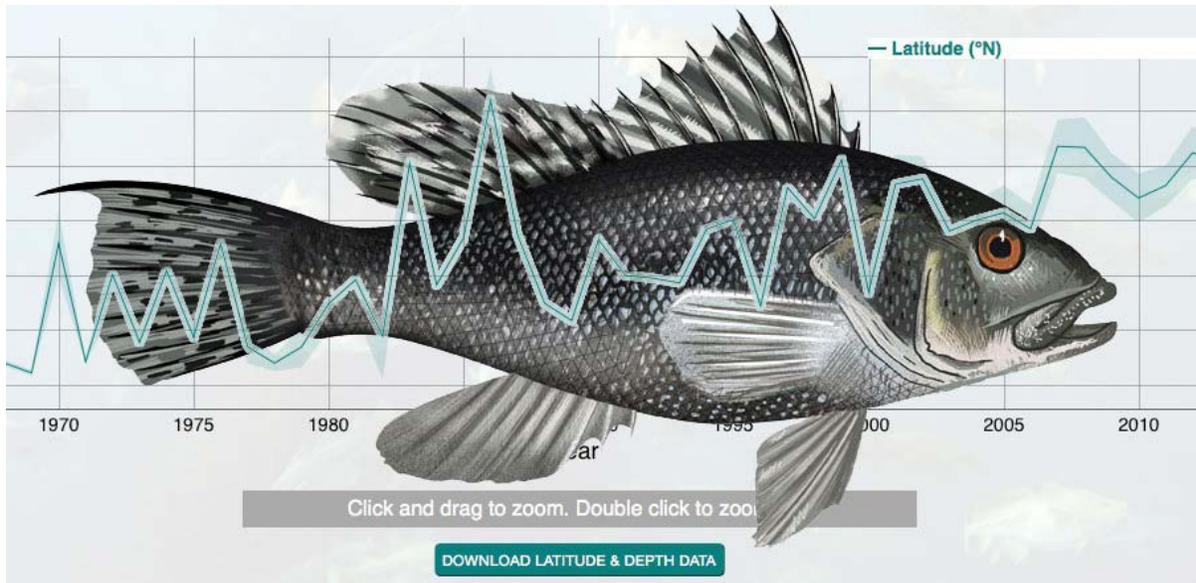
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**Happy Holidays From The FSRS Board of Directors and Staff
(Elizabeth, Shannon and Jessica) We are looking forward to more
conversations in the New Year!**



THE OCEANADAPT WEBSITE: Tracking Fish Populations as the Climate Changes



Reprinted

from: http://www.nmfs.noaa.gov/stories/2014/12/oceanadapt_trackingfish.html

By [Rich Press](#), NOAA Fisheries Science Writer | Posted: December 9, 2014

Few people see the effects of climate change as clearly as fishermen. As the climate changes and the oceans warm, fish are moving in search of cooler water, and this can have a big effect on fishermen's livelihoods. For some, the evidence of

climate change turns up in the net, such as when they catch longfin squid in the Gulf of Maine, far north of the usual range for that species. For others, the evidence is in what they're not catching. Lobstermen in the Long Island Sound, for instance, have had little to catch since the valuable species that once supported them headed up the coast. Winter flounder, silver hake, and black sea bass have all shifted north as well.

These are just a few examples from the East Coast, but a study released last year that looked at more than 350 species from all over North America found that many are moving, and that their movements closely track changing ocean temperatures.

Read the full story [HERE](#).

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UPCOMING EVENTS



[Canadian Conference for Fisheries Research](#). Jan 5–8, 2017 Montreal, QC

Nova Scotia Institute of Science (NSIS) lecture series. ["Listening in on the deep: the story that whale sounds can tell"](#) by Hilary Moors-Murphy. January 9 2017, Dartmouth, Nova Scotia, Canada.

Aquaculture Association of Nova Scotia Seaweed Cultivation Workshop January 26,

2017 Halifax, NS

[Eastern Canadian Fisheries Exposition](#). February 3-4, 2017 Yarmouth, NS

[Science Atlantic Student Conference on Biology, Aquaculture & Fisheries](#). 10-12 March 2017. St Francis Xavier University, Antigonish, Nova Scotia, Canada

[See Change: Tides of Environmental Learning](#) May 18–21, 2017 Wolfville, NS

[11th International Conference and Workshop on Lobster Biology and Management](#) Portland, Maine, USA, 4–9 June 2017.

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In Memorium: I wanted to pass along condolences to the family of Christian Brun from the Fishermen and Scientists Research Society's Board of Directors, staff and members. Mr. Brun was the Executive Director of the Maritime Fisherman's Union (MFU), president of the Canadian Independent Fish Harvester's Federation. We are saddened by the news of his sudden passing on December 5, 2016.

We lost two other members of our fishing community this year. Clarkson Stevens from Owl's Head, NS and Malcolm MacDonald from Fourchu, NS. Please take a moment to remember these fishing leaders.

If you have comments about the articles or are interested in becoming a [Member of the FSRS](#), please contact Shannon at Shannon.tibbetts@fsrs.ns.ca or download the application form on the [website](#).

Remember, we are on [Facebook](#) and [Twitter](#) now! Please like and follow us for continuous updates on current projects and news.

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