



# APECS February 2011 Newsletter

The highlight of January was the Arctic Frontiers Conference in Tromsø, Norway. The conference brought together almost 1000 polar researchers, policy makers, and students! There was a plethora of activities for young researchers through the Young Scientist Forum, which APECS and other partners helped organise, including an ARCTOS PhD school entitled “Arctic Tipping Points: Research as a Driver for Normal Development,” “Shape the Future of Polar Research - A Networking Reception for Early Career Researchers and Senior Mentors,” and “Communicating Arctic Research – a Videomaking workshop with Randy Olson.” You can see the entertaining and education results of the last workshop [here](#)!



January also saw the return of the highly successful APECS Webinar Series. If you missed out on any in the fall, you can always watch the archived presentations on the [APECS website](#). Upcoming presentations this semester include “Working with the Media,” “Designing your research

questions,” and “Selecting and designing your research methods.” Check out the continuously updated schedule and reserve your spot in a webinar [here](#).

As always, check out current and upcoming APECS events, field schools, and other polar conferences at [www.apecs.is/events!](http://www.apecs.is/events!)

Yours in Polar Research,

- Allen Pope, APECS President 2010-2011

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Alexey Pavlov



J. Provencher



J. Provencher

# APECS News & Updates

## Meet 2 New Mentors from Norway

*Contributed by Silje-Kristin Jensen*

Dr. Benjamin Planque

My current research focuses on the ecology and assessment of deepwater fish. I am leading the national project BarEcoRe (Barents sea Ecosystem Resilience under global environmental change, 2010-2013).

Dr. Jofrid Skardhamar

My research experience covers fjords, coastal regions and the Barents Sea, using numerical modelling and field data. Much of my research has focused on coupling physical forcing and biological processes.

Thank you Benjamin and Jofrid for joining us in APECS, looking forward to collaborate more with you.

For more info please visit <http://apecs.is/mentors>

<http://apecs.is/apecs-news/2551-meet-2-new-mentors-from-norway>



## APECS Represented at Annual IASC Canada Meeting in Ottawa in December

*Contributed by Harry Borlase*

The partnership between IASC and APECS got a little stronger last month when APECS was invited to the annual IASC Canada meeting, held on December 14 2010 in Ottawa, in conjunction with ArcticNet's Annual Scientific Meeting.

The need to increase the representation of young researchers was mentioned within several presentation, including from within the Working Groups. At present there is no official representation for young researchers within IASC and its Working Groups. However, Working Group meetings hosted in Potsdam, Germany from January 12-14, 2011, might bring about some changes or at least begin dialogue towards improved young researcher capacity within IASC. The meeting was attended by APECS Member Harry Borlase, questions and details can be sent to him at [harry.borlase@gmail.com](mailto:harry.borlase@gmail.com).

For more information on IASC, visit: <http://www.iasc.info>.

<http://apecs.is/apecs-news/2553-apecs-represented-at-annual-iasc-canada-meeting-in-ottawa-in-december>

## Arctic Sea Ice in Rapid Transition - A Pan-Arctic Network Integrating Past, Present and Future

*Contributed by Allen Pope*



On October 18-20, 2010 the Arctic in Rapid Transition (ART) Implementation Workshop was held at the Freshwater Institute, Fisheries and Oceans Canada, in Winnipeg, Canada, with 20 participants from 7 countries. Half of these participants were early career scientists.

As with all ART activities, a key component of the workshop was career development. Senior scientists shared their experiences in the science planning and implementation process and played a critical role in the development of the implementation plan. The ART Initiative is an integrative, international, interdisciplinary, pan-Arctic network to study the spatial and temporal changes in sea ice cover and ocean circulation over all timescales to better understand and forecast the impact of these changes on the ecosystems and biogeochemistry of the Arctic Ocean.

<http://apecs.is/apecs-news/2597-arctic-sea-ice-in-rapid-transition-a-pan-arctic-network-integrating-past-present-and-future>

## APECS Funding Resources Working Group is looking for volunteers!

*Contributed by Yulia Zaika*

Ever wanted to go to a conference/meeting/workshop or field school and did not know what channels to follow to find travel funding? Did you wish that there was some database that you could consult to help you identify who to contact?

This is what the new APECS Funding Resources Working Group is all about! To work together to create an user-friendly, international and interdisciplinary database of funding bodies... but your help is needed. The new Working Group is looking for enthusiastic APECS members to join the group.

<http://apecs.is/features/2647-apecs-funding-resources-working-group-is-looking-for-volunteers>

# APECS News (cont.)

## Research Sites Working Group

*Contributed by Mariette Wheeler*

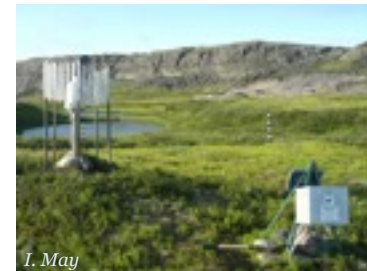
The APECS working group 'Research Sites' intends to set up a database including information about different research field sites and locations around the globe where APECS members are currently working.

This database will help young polar researchers who are planning to undertake research activities in the remote polar regions. In addition to the typical information (e.g. climate, habitat, major logistics) which are readily available through other organizations, we would like to provide further details to help researchers plan their expedition well in advance.

This includes information about things like:

- the available internet connections
- the available telephone connections
- the best type of clothing to bring
- accommodation (Hostels, private, ...are there showers, do you need sleeping bags, do you need towels...etc)

- the possibilities to buy food and other essentials (e.g. batteries)
- expected costs
- fun stuff to do and recreational facilities available in the area



We will help to share all this great information with APECS members by featuring different research sites in future APECS newsletters, as well as through the APECS website. We are also working to develop a virtual map, including all the research sites the additional information as well as the photos.

It will be fantastic if people can share this information.

If interested, please contact Inga May, the Research Sites Working Group Chair, at [i.may@iggf.geo.uni-muenchen.de](mailto:i.may@iggf.geo.uni-muenchen.de)

## Message from the Director

*Highlights from the Arctic Frontiers Young Scientist Forum*

January has been a packed month with lots of planning and great events. The highlight for me and many other young researchers was the Arctic Frontiers Conference (<http://www.arcticfrontiers.com>) here in Tromsø. This year APECS joined the team of organizations organizing the Young Scientist Forum ([http://www2.uit.no/ikbViewer/page/tavla/artikkel?p\\_document\\_id=212662](http://www2.uit.no/ikbViewer/page/tavla/artikkel?p_document_id=212662)) and helped to add many new activities to the line up. This months newsletter features many of these activities.



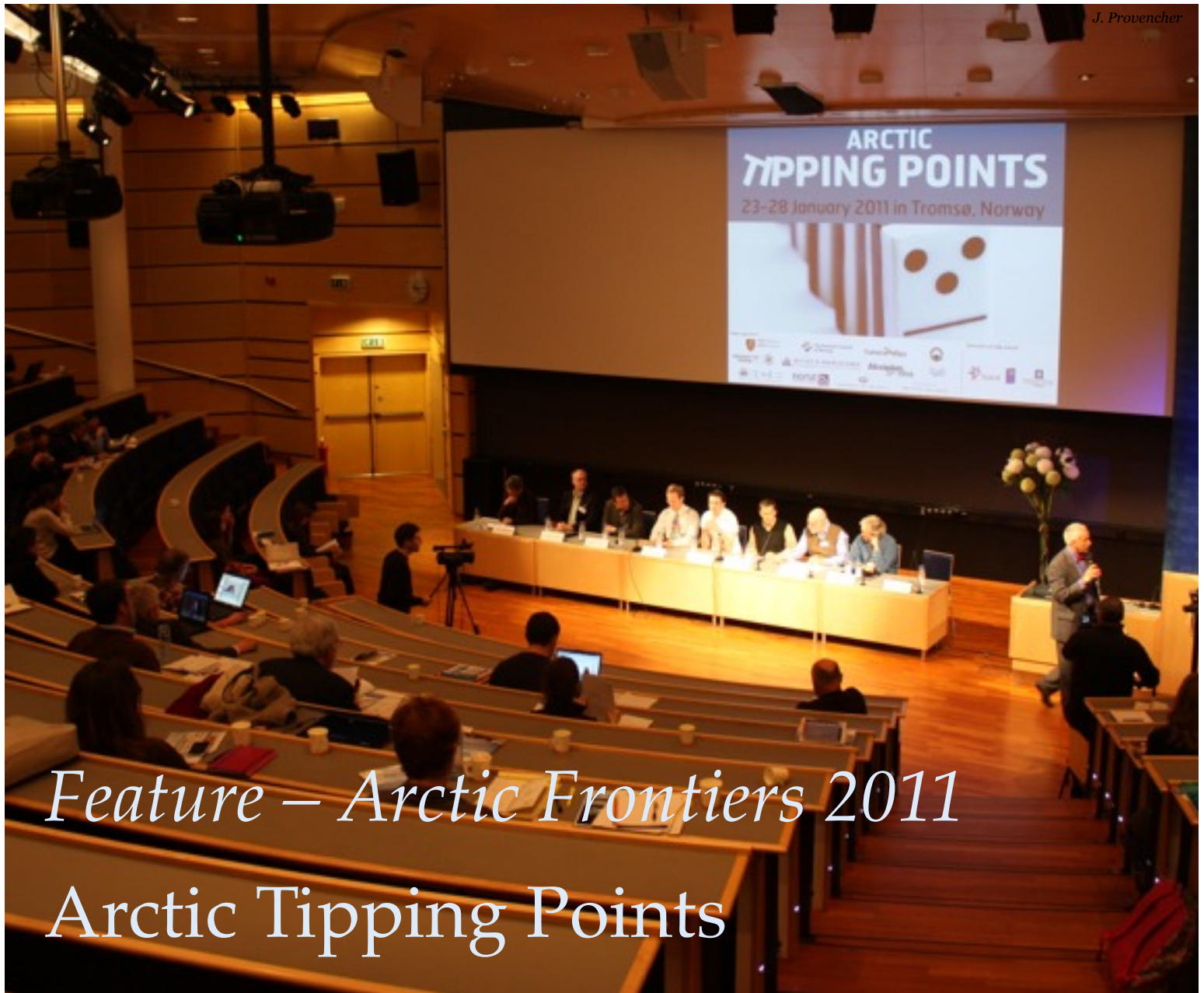
The Young Scientist Forum was started by ARCTOS (<http://www.arctosresearch.net/>) a few years ago, as a PhD course that incorporated students participating in the conference and then a few days of a proposal writing workshop in Lofoten. This year we added a few more things: a video making workshop where students made 5 1-minute great videos about Arctic Science, a workshop on the importance of strengthening the science collaboration between Norway and Russia, the screening of a global warming comedy called Sizzle (by Randy Olson - Scientist turned film-maker; <http://vimeo.com/16956883>), a speed dating night with some great mentors, a lecture on communicating your science, another lecture on thinking beyond the lab through entrepreneurship, a full afternoon for a research funding workshop featuring people from the Research Council of Norway, Marie Curie, and the Fulbright Foundation -and a great lecture by Paul Renaud (these will be online soon)... and the proposal writing course in Lofoten.

It was an amazing 2 weeks here in Tromsø and we are looking forward to more create events for next year - so mark your calendars!

<http://apecs.is/leadership/international-directorate/a-great-norwegian-life/2660-aft-ysf-2011>







# Feature – Arctic Frontiers 2011

## Arctic Tipping Points

The 5th International Conference “Arctic Frontiers” opened on 24 January 2011 in Tromsø, Norway. Featuring scientific, policy, management, political, and indigenous leaders, the conference is a key forum for discussing the past, present, and future of the High North.

Confronting and adapting to the changes occurring in the North due to changing climate, economics, and geopolitics, is an important issue for many northern countries. The conference brings together many of the important minds in the North to discuss and explore the peaceful and sustainable future for the Arctic.

Part of the mandate of the conference is to develop the next generation of Arctic leaders – scientific, political, and social. Featured in this issue of the APECS newsletter are some of the events devoted to early career researchers as part of the Arctic Frontiers conference.

This issue of the APECS newsletter features images of the Arctic Frontiers conference, early career researcher events, and the beautiful city of Tromsø. Many thanks to Jennifer Provencher, Silje-Kristin Jensen, Liliana Keslinka, and Danilo Comba for their images.





# Feature – Arctic Frontiers 2011

## Arctic Frontiers Conference Recognizes Outstanding Young Researchers

*Contributed by Jenny Baeseman*



The Arctic Frontiers Young Scientist Forum had a full week of amazing activities. Read more about them [here](#). Through all the activities students were able to develop new collaborations and friendship and learn important new skills. Along with these extra activities, they also presented outstanding Arctic research.

The APECS worked with the ARCTOS Network to provide awards for outstanding presentations based on content, presentation, and the importance of providing a context to their research and society.

### Outstanding Oral Presentation Awards

Part 1: Eli Anne Ersdal - On the Tidal Forcing of an Arctic Coastal Polynya

Part 2: Øystein Varpe - Adaptations to Temporarily Separated Food Sources

Part 3: Emily McGlynn - EU-Arctic Footprint and Policy Assessment

Part 4: Torsten Risør - Climate Change and Primary Health Care

### Outstanding Poster Awards

Benjamin Merkel - Do we underestimate Calanus glacialis? - A High Arctic Study

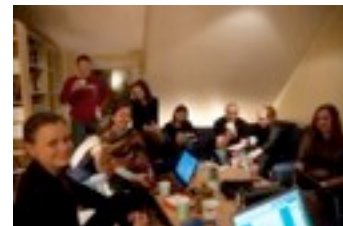
Magdalena Łacka - Modern Foraminiferal Assemblages as Bioindicators of Recent Hydrological Changes in Hornsund Fjord

<http://apecs.is/apecs-news/2617-aft-2011-awards>

## Lomonosov-Nansen Heritage Workshop Summary

*Contributed by Anne Helene Tandberg*

Friday afternoon (Jan 21st) 25 young scientists of several fields gathered at the Fram centre to partake in a workshop that had stated the intention to examine the heritage from the great scientists, artists and humanists Mikhail Lomonosov and Fridtjof Nansen - what inspiration from these great scientists and statesmen can we find today to address today's challenges in the High North?



The group consisted of people from such sciences as politics, psychology, human geography, energy sciences, anthropology, biology and law in addition to four high school-students, who had all won school-competitions in essay-writing. Thus finding common problems and inspirations alone proved a quite complex task, even with the wonderful mentoring supplied from the University of the Arctic's own people and their invited mentors.

After a very long Saturday (stretching into Sunday for many of the participants), a declaration was formed as a result from the workshop, and this was presented to the participants of the Lomonosov-Nansen seminar marking the official opening of the Nansen-Amundsen celebration 2011 in Norway. Present at this seminar was, in addition to several interested scientists, also the foreign ministers of Norway and Iceland, and the Consul of Arkhangelsk. After the seminar, the workshop was allowed a 15 minute Q&A session with the Norwegian minister, Jonas Gahr Støre.

This event was part of the Arctic Frontiers Young Scientist Forum. For more information, contact Anne Helene Tandberg ([anne.tandberg@uit.no](mailto:anne.tandberg@uit.no)).

<http://apecs.is/apecs-news/2632-lomonosov-nansen-heritage-workshop-summary>





# Feature - Arctic Frontiers 2011

## APECS spreads the love of Speed Dating

*Contributed by Jennifer Provencher*



During the Young Scientists Forum at the Arctic Frontiers meeting in Tromsø, Norway, APECS held another successful young researcher - mentor "speed dating" event.

The night was so successful that 10 minutes after we were supposed to move on to dinner conversations were still going strong and the organisers had to start kicking people out and ushering them on to dinner. Several mentors had so much fun, they decided to join the Young Scientist Dinner instead of the Conference Banquet. Thanks to everyone who helped out and attended, and here's to more speed dating events for polar science.

<http://apecs.is/apecs-news/2622-apecs-spread-the-love-of-speed-dating>



## Research Funding Workshop in the Young Scientist Forum

*Contributed by Silje-Kristin Jensen*

On Friday January 28, APECS arranged a Research Funding Workshop as part of the Young Scientist Forum at the Arctic Frontiers Conference. Over 100 participants attended together with five mentors. The workshop was chaired by APECS Council Chair Silje-Kristin Jensen.



The Norwegian Research Council, Svalbard Science Forum, European Research Council, Fulbright and United Nations University Japan attended the workshop. Each organization gave a presentation about their opportunities to apply for funding.

After the presentations Dr. Paul Renaud was invited to give a talk about tips and tricks on how to write proposal and did that in an excellent way and sharing his experience from the US, Sweden and Norway where he has been working. At the end of the workshop a panel was held with invited mentors together with the organizations to have an open forum with questions from the participants. Each mentor received a gift given by the Institute of Marine Research and The Norwegian Polar Institute.

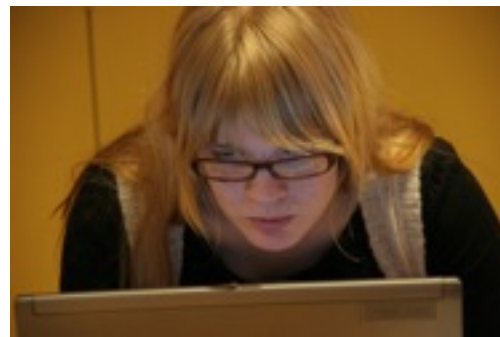
A social event was arranged after the workshop where 60 participants attended with pizza and refreshments sponsored by Akvaplan Niva, ICE, Center for Ice, Climate and Ecosystems, Ica and Coop prix.



Photo: Liliina Keskinen



Photo: Liliina Keskinen



# Feature - Arctic Frontiers 2011

## Proposal Writing Course in Lofoten

*Contributed by Jenny Baeseman*



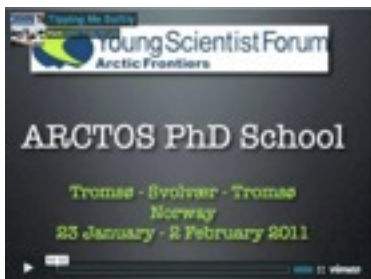
Parallel to the Arctic Frontiers Conference 2011 and in direct connection with the oral presentations, the ARCTOS PhD School and APECS organized an international workshop for PhD students and postdoctoral researchers interested in research and development in the pan-Arctic region.

During the workshop (which took place in Tromsø, on the coastal steamer Hurtigruten and in Svolvær, Lofoten) participants worked in groups on given subjects related to the topics of the Arctic Frontiers Conference: "Arctic Tipping Points". Senior scientists from the ARCTOS PhD School, as well as invited speakers from the conference participated to ensure a good dialogue and progress in the discussions.

<http://apecs.is/apecs-news/2661-aft-course>

## Tipping Me Softly - a tribute to Arctic Tipping Points

Three amazing musicians accompanied the course to Lofoten, and created a 'theme song' for the conference. Michael Greenacre created the lyrics for "Tipping Me Softly" and his daughter Karolien Greenacre and their friend Dany preformed the music - joined by the participants of the course. To see the photo slideshow highlights and listen to the song - enjoy this video below!



<http://apecs.is/apecs-news/2662-tipping-me-softly>

## Clam sex and James Bond bring science alive

*Contributed by Jenny Baeseman*

Hollywood film maker Randy Olson challenged 25 young researchers to tell good science stories through video.

The video workshop was arranged during the Arctic Frontiers Young Scientist Forum. It brought together students from 10 different countries, mostly PhD students at the University of Tromsø. All of them specialize in High North topics from Arctic ecosystems to social sciences. The group went through an intensive creative process in three short days.



"We tried to put away the critical thinking for the weekend. It took some time, but after a while the creativity flourished. And the film scripts evolved into something better than we could ever imagine," says Audun Hetland. His film, *On the Edge*, was 1 of 5 chosen by the students from a total of 20 ideas pitched.



Scientist-turned film maker Randy Olson gave good advice about storytelling. "Film is not an informational medium, it's a motivational medium. You have to think not only with your head, but with your gut," he told the students. The creative and cross-cultural teamwork was the most rewarding experience according to the students. Most of the participants had never made a movie before.

"The workshop has actually changed my life, says "director" Elina Halttunen. "The workshop brought down the glass window I didn't know existed between me as a scientist and the rest of the world."

<http://apecs.is/features/2604-videos-making-workshop>





## Partner News & Updates

### International Polar Year Education and Outreach Survey



What education, outreach and communication activities did you do during the International Polar Year? Can you find them above?

The above shows all the project titles from the Education and Outreach activities from IPY that we have information for. If you have a

project not represented here you need to complete out IPY EOC survey, it will only take a few minutes of your time!

<http://apecs.is/apecs-news/2563-international-polar-year-education-and-outreach-survey>

### Polar Research Board - U.S. Scientific Access to the Russian Arctic Recap

*Contributed by Allen Pope*

In the fall of 2009, the Polar Research Board (PRB; <http://dels.nas.edu/prb>) hosted a short discussion of impediments to science caused by difficulties accessing territories in the Arctic. Because the discussion evoked considerable interest, the PRB organized a second, more in-depth discussion forum to better engage the scientific community and facilitate discussion between researchers and agency representatives and thus better understand the problems encountered and how international collaborations can help promote access to conduct Arctic science.

<http://apecs.is/apecs-news/2598-polar-research-board-us-scientific-access-to-the-russian-arctic-recap>

### Reviewers needed for Climate Literacy Project



The US National Science Foundation (NSF)-funded Climate Literacy and Energy Awareness Network (CLEAN; <http://cleanet.org/>) is recruiting scientists to serve periodically as science reviewers. Please forward this request to everyone in your group with expertise in climate and energy science.

<http://apecs.is/apecs-news/2599-clean>

### IPY Summary Report published by ICSU-WMO Joint Committee for IPY

*Contributed by Allen Pope*

In April 2011, the ICSU-WMO Joint Committee for the International Polar Year (IPY) will publish a summary of IPY activities in which the Committee and associated teams were directly involved. Comprising 38 chapters in five parts (Planning, Research, Observations, Outreach, and Legacies), the report covers the development of IPY 2007–2008 for almost a decade, from 2001 till summer 2010.



It has engaged hundreds of contributing authors from all disciplines and more than 20 nations. This broad overview demonstrates the extensive and essential contribution made by participating nations and organizations, and provides a prospective blueprint for future polar research.

<http://apecs.is/apecs-news/2601-ipy-summary-report-published-by-icsu-wmo-joint-committee-for-ipy>







# Meetings & Workshops

## Arctic Science Summit Week 2011

28 March - 1 April 2011

Abstract Submission Deadline: 15 January 2011



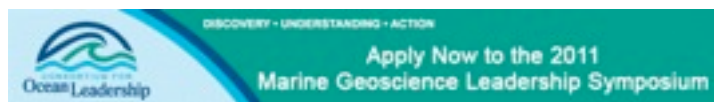
For the second time, the ASSW will include not only annual meetings of the Arctic organizations, but also an exciting international science symposium. The symposium, organized under the aegis of the International Arctic Science Committee, is the main venue for arctic science and is held every two years. It will take place on March 28 – April 1, 2011 in Seoul, Korea.

The day prior to the start of the Science Conference, the Association of Polar Early Career Scientists (APECS) will organize a career development workshop to help young researchers learn important skills and create new collaborations and contacts with both early career colleagues and senior mentors. The workshop will include presentations on Arctic Science organizations and programs, helpful tools and advice for young researchers as they start their careers, hands on training in effectively presenting and communicating research results and maximizing publication potential.

For further information, please visit:

- <http://www.assw2011.org>
- <http://apecs.is/events/details/296-arctic-science-summit-week-apecs-reception-workshop-and-networking-events>

## Apply Now to the 2011 Marine Geoscience Leadership Symposium



18 - 22 April 2011

As global headlines focus on climate change, ocean acidification and tsunamis, marine geoscientists stand well positioned to serve the needs of society while pushing the frontiers of scientific research. To solve these challenges and forge the necessary links between science and society, marine geoscientists must reach beyond their individual laboratories, form interdisciplinary collaborations, and communicate their discoveries to the public and to policymakers.

The Marine Geoscience Leadership Symposium introduces these skills to early career marine geoscientists. Meeting April 18-22, 2011 in Washington, DC, participants will engage in small group discussions, participate in proposal workshops, and meet with funding agencies, media representatives, and policymakers. The symposium will provide leadership and communications training and begin the process of forming interdisciplinary research collaborations.

<http://apecs.is/apecs-news/2196-marine-geoscience-2011>

## Career Development Panel at the Conference on Polar Meteorology

3 May 2011

The Association of Early Career Polar Scientists (APECS) will host an evening panel discussion at the 11th Conference on Polar Meteorology and Oceanography in Boston, MA on 3 May 2011. Early career scientists are invited to ask panelists questions about a variety of topics related to choosing the right career path, writing better research grants, tips to make yourself more attractive to potential employers, balancing family and career, and any other topics relevant to young scientists. Panelists will comprise a variety of scientists in a number of different fields in varying stages of their careers. This will be a great opportunity for networking and meeting other scientists in the field. Early career scientists are encouraged to attend. For further information, please contact Shelley Knuth ([shelley.knuth@colorado.edu](mailto:shelley.knuth@colorado.edu)) or Melissa Nigro ([melissa.nigro@colorado.edu](mailto:melissa.nigro@colorado.edu)).

## 2 APECS PORTUGAL workshop

11 April 2011

In 2011, we wish to stimulate the education of polar early career scientists from Portugal. An APECS Portugal workshop will take place at the University of Coimbra on 11 April 2011. Its goals are fairly straight forward: who does polar science, what early career scientists are doing, understand their goals for the future as well as their strategy to achieve it. Also job, scholarships and thesis opportunities will be discussed. It will have the presence of the Executive Director of the Scientific Committee for Antarctic Research (SCAR) Mike Sparrow. It will be a great day for Portugal Polar Science!

<http://apecs.is/events/details/341-2-apecs-portugal-workshop>





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# Meetings & Workshops

## APECS Workshop at the AMAP 2011 Conference

3 – 6 May 2011



APECS is happy to announce Shaping the Future of AMAP early career researcher (ECR) workshop presented by APECS in association with AMAP this spring. This one day workshop will be held before "The Arctic as a Messenger for Global Processes - Climate Change and Pollution" in Copenhagen, 3-6 May 2011, hosted by AMAP, the University of Copenhagen and Aarhus University.

AMAP is an international organization established in 1991 to implement components of the Arctic Environmental Protection Strategy (AEPS). Now a programme group of the Arctic Council, AMAP's current objective is "providing reliable and sufficient information on the status of, and threats to, the Arctic environment, and providing scientific advice on actions to be taken in order to support Arctic governments". If you are interested in Arctic environments this workshop will help you learn about how science and policy work together in this area.

The workshop will take place at the University of Copenhagen on May 3rd and will introduce early career researchers to AMAP as an organization that communicates science to policy makers and others. ECR and AMAP mentors will discuss the different fields of science AMAP is interested in, and ECR will work together for formulate a message of their concerns for future directions of study in AMAP. All workshop participants are encouraged to take part in the workshop and in the larger meeting from May 4th to 6th.

Limited travel funds will be available for early career researchers on a competitive basis, with priority for those who have submitted an abstract to the meeting (please submit abstract to [amap@amap.no](mailto:amap@amap.no) - for questions on funding contact Jennifer Provencher).

<http://apecs.is/workshops/amap-2011>

## APECS Panel at the International Symposium on Interactions of Ice Sheets and Glaciers with the Ocean

5 - 10 June 2011

More details to come in the new year, but definitely look forward to an APECS presence at the 2011 International Glaciology Society Symposium (<http://www.igsoc.org/symposia/2011/California/>).



## Call for Abstracts: ICASS VII 2011, Akureyri, Iceland

22 - 26 June 2011

ICASS VII: Circumpolar Perspectives in Global Dialogue: Social Sciences Beyond the IPY



The Seventh International Congress of Arctic Social Sciences (ICASS VII), to take place in Akureyri, Iceland, June 22-26, 2011, hereby calls for individual paper and poster proposals.

A special paper and poster abstract submittal form together with a more complete list of sessions and themes can be found at the website of IASSA <http://iassa.org/icass-vii>

Submission Deadline: December 20, 2010

<http://apecs.is/apecs-news/2246-call-for-abstracts-icass-vii-2011-akureyri-iceland>

If you know of a conference coming up and would like to organize an APECS meeting, we are happy to help you, just let us know ([apecsinfo@gmail.com](mailto:apecsinfo@gmail.com)). Organizing a meeting is a great way to gain experience and meet senior researchers who can help in the next steps of your career. For more events, including upcoming summer field schools with open applications, visit <http://apecs.is/events>.





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# Meetings & Workshops

## APECS Workshop at IUGG 2011

27 June 2011

APECS is organizing a Career Development Workshop in association with the General Assembly of the International Union of Geodesy and Geophysics (IUGG; <http://www.iugg2011.com/>) at Melbourne University, Melbourne, Australia on 27 June 2011.



The purpose of the workshop is to bring together early career polar researchers, those interested in starting a polar research project, and senior mentors with the experience to help them. The workshop will consist of plenary lectures, hands-on breakout sessions, and panel discussions.

<http://apecs.is/workshops/iugg-2011>

## APECS at the 11th International Symposium on Antarctic Earth Sciences (ISAES XI)

10 – 16 July 2011



The International Symposium on Antarctic Earth Sciences (ISAES) promises to be one of the major events in the polar science calendar of 2011, and APECS and the UK Polar Network will be there in force!

As well as reduced conference registration fees, funding support is also available for Early Career Researchers thanks to ISAES and supported by the Scientific Committee on Antarctic Research (SCAR) to part-cover travel and accommodation expenses. This will be allocated using the Funding Support Application Form on the ISAES website, so make sure you download and fill this in and email it to [S.F.Henley@sms.ed.ac.uk](mailto:S.F.Henley@sms.ed.ac.uk) when you submit your abstract.

To be eligible for this funding support, you must be a PhD student or a post-doc or academic staff still within three years of PhD completion. Full instructions are given on the ISAES 2011 website (<http://www.isaes2011.org.uk/earlycareer.html>).

## Tenth International Conference on Permafrost: First Circular and Expression of interest

25-29 June 2012

Help us shape the conference by registering your interest at: <http://bit.ly/TIPCOP>

The International Permafrost Association and the Tyumen Oil and Gas University are excited to present the first circular on the Tenth International Conference on Permafrost, to be held in June 2012 for the first time in Russia since 1973. The International Conference on Permafrost, held every four years, is the premier venue for all research related to permafrost.

You will find the first Circular for the conference online at: [http://ipa.arcticportal.org/images/stories/ticop\\_first\\_circular.pdf](http://ipa.arcticportal.org/images/stories/ticop_first_circular.pdf). The circular outlines the themes proposed for the sessions, the abstract policy, the registration, and the excursions planned around the conference.

<http://apecs.is/apecs-news/1866-ticop-expression-of-interest>



## 1st Circular out for IPY 2012 Montréal

22 - 27 April 2012



The steering committee for the IPY 2012 Conference in Montreal, Canada, April 22 - 27, has announced its first circular. Join us in an exciting dialogue on the highlights and synthesis of polar research and how this new knowledge can be used to advance programs, policies and actions on critical global issues, such as human and environmental health, biodiversity, resource development and marine transportation, to name a few.

<http://apecs.is/apecs-news/2277-1st-circular-out-for-ipy-2012-montreal>



J. Provencher



J. Provencher



J. Provencher

# Career Development Webinars

The Association of Polar Early Career Scientists (APECS) is currently working with mentors and partners to develop a webinar series for our members in order to assist them with their career development goals. This online lecture series is a joint effort between APECS, US NSF ARCSS Thermokarst Project (<http://thermokarst.psu.edu/>), and the University of Canterbury (<http://www.canterbury.ac.nz/>).

The schedule of upcoming webinars and access to recordings of previous webinars are available on the APECS website (<http://apecs.is/webinars>).

## Preparing for a Conference? Still Working on that #\* & Poster?

Are you getting ready to present your research at a conference? In need of some tips on how to make that poster really attract people and tell the story of your great project - without overwhelming them with graphs and text? Maybe you are ahead of the game and finished with your presentation and just need a little advice on how to make some good contacts and maybe find your next employer?.... or perhaps you are stuck at home wondering why you didn't score enough extra points to get that travel scholarship you applied for...

Well... we have a treat for you! Three new webinars are available from the Polar Career Development Webinar Series: The Art of the Poster Session presented by Jenny Baeseman and Kristin Timm (<http://apecs.is/webinars/videos/2467-201012007-baeseman-timm>), Tips for Networking at Conferences by Hugues Lantuit (<http://apecs.is/webinars/videos/2468-20101012-lantuit>), and Creating a Skill Set to Put You On Top by Jennifer Provencher (<http://apecs.is/webinars/videos/2472-20101012-provencher>). All 3 of these videos will help you gain that extra edge when trying to create your successful career profile.



J. Provencher

## Planning and Coordinating Field Work Logistics

Torre Jorgenson

In this webinar, Torre Jorgenson (Senior Scientist at ABR Environmental Research and Services) and Alice Orlich (Graduate student at the University of Alaska Fairbanks International Arctic Research Center) share with participants tips on working in extreme Arctic conditions and insight regarding what types of things to consider when planning and coordinating fieldwork logistics in polar regions. Since every country has their own particular requirements, this webinar focuses mainly on overall guidance on field work.

<http://www.apecs.is/webinars/videos/2521-20101026-jorgenson>

## Working with Northern Communities

Gary Kofinas

In this seminar Dr. Kofinas addresses considerations when working within Northern communities—such as going through the proper channels to obtain permission to work in the communities, identifying and coordinating with local interests, ways to ensure involvement of the local community in the research, how to reciprocate knowledge back to the community, and how to ensure personal safety for researchers working in remote communities.

<http://www.apecs.is/webinars/videos/2520-20101123-kofinas>

## Gaining Momentum - Women in Polar Research

- Polar Research may be a historically male dominated field, but women are gaining momentum and more are becoming leaders in their field, in international organizations, and lead PIs on projects and cruises. As early career researchers, many young women are taking on key leadership roles in APECS and other committees and projects as well as producing outstanding research. However, there are many things that are unique to women working in some of the most remote areas of the planet. This webinar was an open discussion to begin to identify the issues that are unique to women in polar science careers hosted by Jenny Baeseman, Michelle Mack, and Elena Sparrow.

<http://www.apecs.is/webinars/videos/2522-20101019-women>





# Virtual Poster Session

This effort focuses on bringing the concept of the poster presentation beyond the four walls of the conference hall and creates an online database of polar research poster publications. This project allows members with similar goals and interests to exchange information on Arctic, Antarctic and Cryospheric research, policy, and education activities.

Please visit <http://www.apecs.is/virtual-poster-session> to view these new posters and all contributions.

## Get to know APECS

*Contributed by: Angelika Renner, Penelope Wagner, Sílvia Lourenço, Alexey Pavlov, Jennifer Provencher, and Kim Jochum*

## Local Floras Network as a Tool for Reviewing Floristic Boundaries in the Asian Arctic

*Contributed by: Olga Khitun*

## Innovative Management of a Case of Lumbar Disc Prolapse in Antarctica

*Contributed by: Abhijeet Bhatia*

## Physical Morbidity during the 27th Indian Scientific Expedition to Antarctica

*Contributed by: Abhijeet Bhatia*

## Black Carbon aerosols and their snow scavenging over coastal Antarctica during Austral summer of 2008-2009

*Contributed by: Jai Prakash Chaubey*



The Virtual Poster Session is sponsored by:

<http://www.norden.org/en>

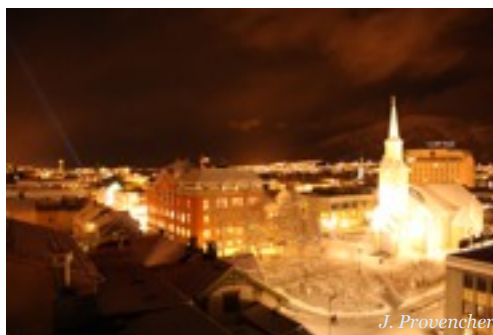


## APECS Leadership

APECS is lead by a wonderful group of early career researchers from around the globe. The Executive Committee are responsible for many of the activities as well as overall direction of the organization. The Executive Committee are all members of the Council and highlighted in bold below. The Council is responsible for the strategic direction of APECS and Council members serve a vital role in facilitating communication between the Executive Committee, the Director, and the membership. For more information on the APECS leadership, and perhaps how to join, please visit <http://www.apecs.is/leadership>.

Tosca Ballerini  
Punyasloke Bhadury  
Claudia Maturana Bobadilla  
Erli Costa  
Eleanor Darlington  
Bryany Denning  
José Araos Espinoza  
Francisco Fernandoy  
**Gerlis Fugmann**  
Jenny Fisher  
Emily Jateff  
Silje-Kristin Jensen  
Kim Jochum  
Dubrava Kirievskaya  
Sílvia Lourenço  
Inga May

Oliver Marsh  
Alexey Pavlov  
**Allen Pope**  
**Angelika Renner**  
Jennifer Rhemann  
Julian Schmale  
Nikolas Selheim  
**Suhas Shetye**  
Matt Strzelecki  
Alexandra Taylor  
Rosa Rut Thorisdottir  
Begoña Vendrell-Simón  
Anna Wagner  
Penelope Wagner  
**Mariette Wheeler**  
Yulia Zaika



# Jobs & Positions

Please visit the APECS website (<http://apecs.is/jobs>) for many more position announcements and career development opportunities. For details on each position, follow the hyperlink to the position on the website.

## Two Faculty Positions

University of California Los Angeles, Los Angeles, California, U.S.A.

Posted by: Kim Jochum

## Postdoctoral Geospatial Analyst

Manomet Center for Conservation Sciences, Anchorage, Alaska, U.S.A.

Posted by: Kim Jochum

## General Secretary ICES

ICES, Copenhagen, Denmark

Posted by: Silje-Kristin Jensen

## Postdoctoral Fellowship

Japan Society for the Promotion of Science, Japan

Posted by: Jenny Fisher

## Postdoctoral fellow in the framework of the IPCC WG1 AR5 Ch.12

The Georges Lemaître Centre for Earth and Climate Research, Louvain-la-Neuve, Belgium

Posted by: Francisco Fernandez

## 9 PhD-positions for outstanding young scientists in the topical field of earth system science

Earth System Sciences Research School, Bremen, Germany

Posted by: Silje-Kristin Jensen

## Graduate Student in Aquatic Geochemistry/Chemistry

University of Alaska, Anchorage, Alaska, U.S.A.

Posted by: Allen Pope

## Scientific Data Manager

British Antarctic Survey, Cambridge, U.K.

Posted by: Matt Strzelecki

## PhD Programme in Science and Management of Climate Change

University of Venice, Venice/Bologna, Italy

Posted by: Francisco Fernandez

## Three PhD projects: biomineral isotope

School of Ocean and Earth Sciences, University of Southampton, Winchester, Hampshire, U.K.

Posted by: Francisco Fernandez

## Assistant Professor, Coastal Physical Process

University of Massachusetts, Boston, Massachusetts, U.S.A.

Posted by: Tosca Ballerini

## Tenure-track position in Physical Climatology

Florida International University, Miami, Florida, U.S.A.

Posted by: Jenny Fisher

## Post-doc in modelling carbon stores

Parks Canada Agency, Gatineau, Québec, or Vancouver, British Columbia, Canada

Posted by: Jenny Fisher

## PhD - Permeable Pavements for Climate Change Adaption Including Flood Reduction and Water Quality Improvement

The University of the Sunshine Coast, Queensland, Australia

Posted by: Silje-Kristin Jensen

## Full-time Assistant Professor in Oceanography

The School of Fisheries and Ocean Sciences, University of Alaska Fairbanks, Fairbanks, Alaska, U.S.A.

Posted by: Francisco Fernandez

## Traditional Knowledge Specialist - Subsistence Mapping

Northwest Arctic Borough, Kotzebue, Alaska, U.S.A.

Posted by: Nikolas Sellheim

## Department Director/Full Professor

Department of Biology, University of Alaska Fairbanks, Fairbanks, Alaska, U.S.A.

Posted by: Nikolas Sellheim

## Antarctic Meteorologist

British Antarctic Survey, Cambridge, U.K.

Posted by: Silje-Kristin Jensen





## Jobs (cont.)

### Electronics Engineer

British Antarctic Survey, Cambridge, U.K.  
Posted by: Silje-Kristin Jensen

### Postdoc position in Paleoenvironmental history

Alfred Wegener Institute for Polar and Marine Research,  
Bremerhaven, Germany  
Posted by: Jenny Fisher

### Post-Doctoral Position in Earth System Modeling to Inform Decision Making

Penn State University, Pennsylvania, U.S.A.  
Posted by: Jenny Fisher

### Faculty Position in Meteorology

The University of Oklahoma, Norman, Oklahoma, U.S.A.  
Posted by: Jenny Fisher

### Research Experience for Undergraduates: Gulf of Maine and the World Ocean

Bigelow Laboratory for Ocean Sciences, Gulf of Maine, Maine,  
U.S.A.  
Posted by: Sam Rastrick

### Postdoctoral Fellowship in Wildlife Conservation Planning for Climate Adaptation

Yale University, New Haven, Connecticut, U.S.A.  
Posted by: Jenny Fisher

### Junior Professional Officer

Climate and Water Department, WMO Meteorological  
Organization, Geneva, Switzerland  
Posted by: Julia Schmale

### PostDoc in ocean acidification

Leibniz Institute Marine Sciences, Kiel, Germany  
Posted by: Tosca Ballerini

### PostDoc in biogeochemical models

Leibniz Institute of Marine Sciences, Kiel, Germany  
Posted by: Tosca Ballerini

### Graduate Research Position in Experimental Tree-Ring Science

University of Nevada, Reno, Nevada, U.S.A.  
Posted by: Tosca Ballerini

### PostDoc Paleoenvironmental history Chile-Peru current

Marine Geology Section, Alfred Wegener Institute, Bremerhaven,  
Germany  
Posted by: Tosca Ballerini

### Phd in hygroscopicity and volatility of sub-micron particles

University of Helsinki, Helsinki, Finland  
Posted by: Jenny Fisher

### Masters in Earth System Science

University of Bristol, Bristol, U.K.  
Posted by: Silje-Kristin Jensen

### Research Assistant - Climate Effects Monitoring Program

Asiaq, Greenland Survey, Nuuk, Greenland  
Posted by: Nikolas Sellheim

### Tenure position of Associate Professor at LGGE

The Laboratory of Glaciology and Environmental Geophysics,  
Grenoble, France  
Posted by: Francisco Fernandez

### Teaching faculty position in Environment and Sustainability

University of British Columbia, Vancouver, British Columbia,  
Canada  
Posted by: Jenny Fisher

### PhD Studentships 2011 Life in The Cold: Survival in and Adaptations to an Extreme Environment

University of Leeds, Leeds, U.K.  
Posted by: Liane G. Benning

### Postdoc in Atmospheric Sciences

Lawrence Berkeley National Laboratory, Berkeley, California,  
U.S.A.  
Posted by: Jen Rhemann



## Jobs (cont.)

### Postdocs and grad students in hydrologic modeling, watershed biogeochemistry, and climate change

Michigan State University, East Lansing, Michigan, U.S.A.  
Posted by: Jenny Fisher

### Ice Dynamics derived from englacial Radar reflection Architecture (IDyRA)

Laboratoire de Glaciologie, Université Libre de Bruxelles, Brussels, Belgium  
Posted by: Francisco Fernandoy

### Research Associate

University of New South Wales, Sydney, Australia  
Posted by: Francisco Fernandoy

### PhD in plankton molecular ecology

The University of Bergen, Bergen, Norway  
Posted by: Sam Rastrick

### Post-doctoral position in Biosphere-Atmosphere surface interactions

Laboratoire des Sciences du Climat et des l'Environnement, Gif-sur-Yvette, France  
Posted by: Jenny Fisher

### Met. Officer and Climate Scientist

National Environment Agency, Singapore  
Posted by: Jenny Fisher

### Postdoctoral position in ocean salinity remote sensing

Institute of Marine Science, Barcelona, Spain  
Posted by: Jenny Fisher

### Grants Facilitator at Rutgers

Rutgers University, New Brunswick, New Jersey, U.S.A.  
Posted by: Jenny Fisher

### Research Fellow in Atmospheric Chemistry/Air Pollution

University of Birmingham, Birmingham, U.K.  
Posted by: Jenny Fisher

### Assistant Professor, Environmental Science/Atmospheric Sciences

State University of New York College at Plattsburg, Plattsburg, New York, U.S.A.  
Posted by: Jenny Fisher

### Assistant Professor, Environmental Science/Ecology

State University of New York College at Plattsburg, Plattsburg, New York, U.S.A.  
Posted by: Jenny Fisher

### Post Doctoral Position- Plant Ecophysiology

University of Alabama, Tuscaloosa, Alabama, U.S.A.  
Posted by: Jenny Fisher

### Graduate Opportunities in Plant Ecophysiology and Climate Change

University of Alabama, Tuscaloosa, Alabama, U.S.A.  
Posted by: Jenny Fisher

### Associate Professor

LGGE, Grenoble, France  
Posted by: Tosca Ballerini

### Postdoctoral or PhD position available: Ice-sheet modelling and coupling to mass-balance models

University of Lapland, Rovaniemi, Finland  
Posted by: Martina Schäfer

### Python programmer position

Norwegian Institute for Air Research  
Posted by: Jenny Fisher

### Support Scientist

Harvard University, Cambridge, Massachusetts, U.S.A.  
Posted by: Jenny Fisher

### Postdoctoral Position in Atmospheric Chemistry Modeling

Harvard University, Cambridge, Massachusetts, U.S.A.  
Posted by: Jenny Fisher

### Climate Science Center Leaders

U.S. Geological Survey, various in the U.S.A.  
Posted by: Nikolas Sellheim



# New Members

*This month we had 79 new members from 19 countries. Welcome to APECS and we look forward to working with you to shape the future of polar research.*

Ilana Alice – Research Scientist  
– Anthropology Canada

Xylar Asay-Davis – Postdoctoral  
Researcher  
– Modelling United States

Jaana Bäck – Research Scientist  
– Plant Sciences Finland

Kannekara Balaji – Masters Student  
– Geology India

Natasha Barlow – Postdoctoral  
Researcher  
– Geosciences United Kingdom

Helene Barral – Masters Student  
– Modelling France

Joaquin Bastias – Masters Student  
– Geology Chile

Alexandr Benzik – Doctoral Student  
– Marine & Freshwater Biology Russia

Anne-Claire Bihan-Poudec – Masters  
Student  
– Oceanography France

Louise Blight – Doctoral Student  
– Zoology Canada

Katherine Boldt – Doctoral Student  
– Oceanography United States

Line Bourdages – Research Scientist  
– Meteorology & Atmospheric Sciences Canada

Jaqueline Brummelhaus – Doctoral  
Student  
– Ecology Brazil

Natalia Bykova – Masters Student  
– Paleontology Russia

Rachel Carr – Doctoral Student  
– Geosciences United Kingdom

Matteo Cazzanelli – Doctoral Student  
– Marine & Freshwater Biology Denmark

Yueh-Cheng Chang – Masters Student  
– Geosciences Taiwan

Danilo Comba – Doctoral Student  
– Law Italy

Chiara Consolaro – Postdoctoral  
Researcher  
– Geosciences Norway

Stephanie Coulombe – Undergraduate  
– Geosciences Canada

Cécile de Francet de Sérigny –  
Undergraduate  
– Ecology Canada

Bergur Einarsson – Doctoral Student  
– Cryology & Glaciology Iceland

Nora Els – Undergraduate  
– Geosciences Germany

Gunilla Kristina Eriksen  
– Marine & Freshwater Biology Norway

Thomas Ernsdorf – Doctoral Student  
– Environmental Science Germany

Courtney Fidler – Doctoral Student  
– Social Sciences Canada

Anne Gold – Research Scientist  
– Geosciences United States

Joshua Griffiths – Undergraduate  
– Oceanography United Kingdom

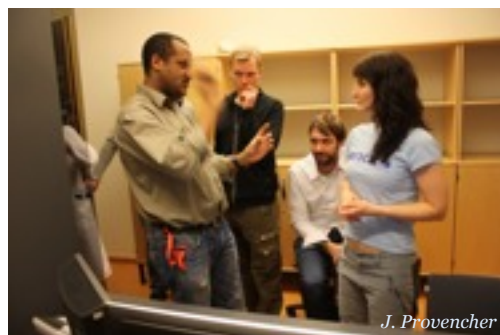
Elina Halttunen – Doctoral Student  
– Ecology Norway

Kristin Heggland – Undergraduate  
– Ecology Norway

Richard Andre Ingebrigtsen Norway

Sadie Iverson – Doctoral Student  
– Ecology United States





# New Members

Alexis Janosik – Doctoral Student  
– Marine & Freshwater Biology United States

Ivy Krystal Jones – Doctoral Student  
– Remote Sensing United States

Maria Kaurin – Masters Student  
– Marine & Freshwater Biology Norway

Tatiana Korobova  
– Cryology & Glaciology Russia

Amit Kumar – Masters Student  
– Marine & Freshwater Biology India

Amrendar Kumar – Undergraduate  
– Engineering India

Jennifer Lamp – Doctoral Student  
– Geosciences United States

Elizabeth Locke  
– Political Sciences Canada

Joel Locsin  
– Engineering Philippines

Cedric Magen – Postdoctoral  
Researcher  
– Oceanography United States

Melissa McKinney – Postdoctoral  
Researcher  
– Environmental Science Canada

Katherine Murray – Undergraduate  
– Environmental Science United States

Chantel Nixon – Doctoral Student  
– Geosciences Canada

Molly Odell – Doctoral Student  
– Anthropology United States

Ingrid Onarheim – Undergraduate  
– Meteorology & Atmospheric Sciences Norway

Rachael Orben – Doctoral Student  
– Ecology United States

Molly Patterson – Doctoral Student  
– Geology New Zealand

Maria Virginia Pety – Research Scientist  
– Ecology Brazil

Alexandra Popova – Doctoral Student  
– Ecology Russia

Kim Præbel – Postdoctoral Researcher  
– Marine & Freshwater Biology Norway

Miriam Richer McCallum –  
Undergraduate Canada

Ibai Ieltxu Rico Lozano – Doctoral  
Student  
– Geosciences Spain

Dena Rosenberger – Teacher  
– Environmental Science United States

George Roth – Undergraduate  
– Oceanography United States

Lucas Ruiz – Doctoral Student  
– Geosciences Argentina

Bjørn H. Samset – Research Scientist  
– Other Norway

Luciana Santoferrara – Postdoctoral  
Researcher  
– Marine & Freshwater Biology Argentina

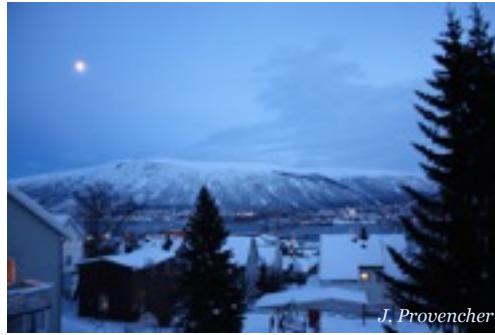
Aili Sarre – Doctoral Student Norway

Ciara Sebastian – Masters Student  
– Political Sciences Canada

Kathryn Semmens – Doctoral Student  
– Remote Sensing United States

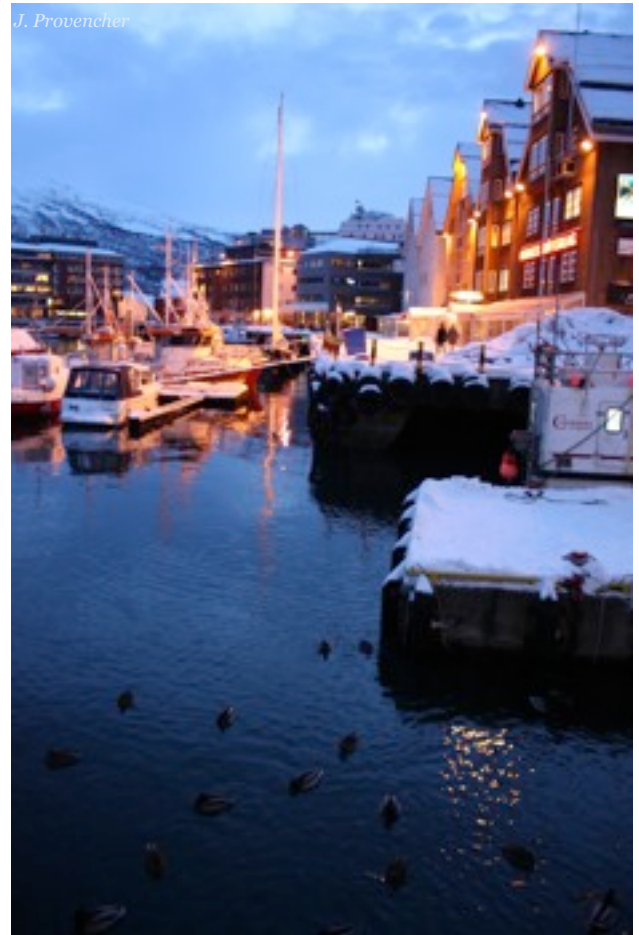
Irina Seneryuk – Masters Student Russia

Olga Smolkova – Doctoral Student  
– Zoology Russia



# New Members

Mariana Soppa – Doctoral Student – Remote Sensing	Germany
Michael Sswat – Masters Student – Marine & Freshwater Biology	Germany
Tyler Sylvestre – Masters Student – Cryology & Glaciology	Canada
Ann Mikaela Tillman – Undergraduate	Sweden
Michelle Trommelen – Doctoral Student – Geosciences	Canada
Davesh Vashishtha – Masters Student – Environmental Science	India
Stephanie Veinot – Undergraduate	Canada
Kristal Verhulst – Doctoral Student	United States
Filipe Victoria – Postdoctoral Researcher – Plant Sciences	Brazil
Mikko Vihtakari – Doctoral Student – Marine & Freshwater Biology	Norway
Josefine Walz – Masters Student – Environmental Science	Germany
Steffen Wiers – Masters Student – Geosciences	Germany
Nina Wittenberg – Doctoral Student – Geosciences	Germany
Shelley Woods – Masters Student – Fisheries	United States
Liyang Zhan – Research Scientist – Oceanography	China



The APECS newsletter is created by Benjamin Beall and the APECS Executive Committee. Please contact Ben ([bbeall@bgsu.edu](mailto:bbeall@bgsu.edu)) or any of the Executive Committee members with comments or questions about the newsletter. We are always looking for contributions, so if you have a story on polar research to share, please send us an email.