



APECS February 2010 Newsletter

The biggest news this month was the incredible response we received for the IPY Oslo Science Conference Stipend Programme – over 850 applicants! This will keep us busy for a while, but shows the high level of enthusiasm and excitement for polar research in the younger generation of researchers. We would like to encourage all IPY National Programmes to consider contributing to the travel support of their young researchers.

Thanks to grants from the Research Council of Norway (RCN) through collaborations with the University of Tromsø (UiT) and the Norwegian Polar Institute (NP) as well as the Tromsø Kommune's RDA programme to support the development of a permanent sustainable funding plan for APECS, the APECS Directorate is able to continue operations in 2010 and 2011. This is great news for our organization and we wish to thank Aase Tveito from UiT for her amazing help with these proposals and to all our supporters for helping us shape the future of polar research!



And a special welcome to the 163 new members who joined this month, from 31 countries around the world.

-Gerlis Fugmann, APECS President 2009-2010

APECS News & Updates

- *Directing future global change research*
- *APECS at next marine polar science Gordon Research Conference*
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- *Call for contributions to SCAR Evolution and Biodiversity in Antarctica*
- *APECS at the International Ice Charting Working Group*
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APECS News & Updates

ICSU invites your participation in directing the future of global change research

Contributed by: Michele Koppes, APECS representative to the ICSU Earth System Visioning working group

Last fall, I attended a visioning workshop to identify the key research questions in Earth System science that need to be addressed over the next decade, and the steps needed to answer them. The workshop was part of a three-step process spearheaded by the International Council of Science (ICSU) in cooperation with the International Social Science Council (ISSC).

The first step involved an online consultation to the international science community last summer that asked: 'What is the most important research question in Earth system research that needs answering in the next decade, and why?'

The consultation process is now at a crucial stage and, once again, ICSU is seeking the opinions of the global community and particularly of early career researchers, like you, who will play an ever greater role in research efforts and funding strategies in the coming decade.

<http://apecs.is/apecs-news/1300-icsu-invites-your-participation-in-directing-the-future-of-global-change-research>



APECS News (cont).

University of Delaware students planning an APECS meeting at the next Gordon Research Conference on Polar Marine Science

Contributed by: Kristin Werner



Three University of Delaware College of Earth, Ocean, and Environment (CEOE) graduate students are not only planning to present their research at an international conference, they are organizing the entire event.

Geography students Penelope Wagner, Rachel Bernstein and Gina Henderson have earned an invitation from Gordon Research Conferences (GRC) to host a two-day student conference as part of its March 2011 Polar Marine Science meeting in Ventura, Calif.

<http://apecs.is/apecs-news/1298-university-of-delaware-students-planning-an-apecs-meeting-at-the-next-gordon-research-conference-on-polar-marine-science>

APECS Director Gives Invited Presentation at the World Science Forum



In November, the APECS Director, Jenny Baeseman, was invited to present our great organization at the World Science Forum in Budapest, Hungary. The World Science Forum, organized by the Hungarian Academy of Sciences in partnership with UNESCO and ICSU was held in Budapest on 5-7 November 2009. The Forum focused on "Knowledge and Future".

APECS was invited to speak in the "Science and Youth" session, coordinated by the World Academy of Young Scientists (WAYS).

<http://apecs.is/apecs-news/1288-apecs-director-gives-invited-presentation-at-the-world-science-forum>

Message from the Director

International Symposium on Sea Ice in the Physical and Biogeochemical System

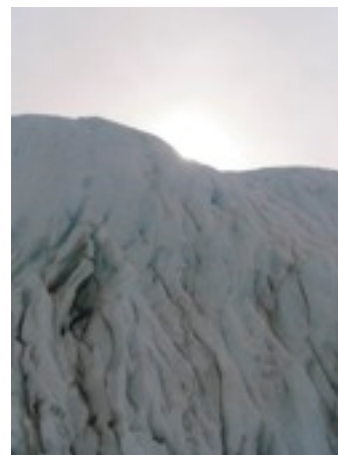


As many of you know, the IPY Oslo Science Conference will be held from 8-12 June and the European Conference on Permafrost the week after on Svalbard. Just in case you want to spend as much time learning about polar research in Norway as possible - I wanted to also tell you about the International Symposium on Sea Ice happening from 31 May to 4 June in my beautiful home of Tromsø.

The conference is sponsored by the International Glaciological Society, a good partner to APECS. There is a great line up of presenters and social activities - including an APECS Mentor Panel coordinated by some of our fabulous APECS Sea Ice Researchers.

For more information on the panel, please contact Angelika Renner (naine2@googlemail.com). For more information on the conference, visit: <http://www.igs2010.org/>

Three weeks of great science being shared in Norway this spring! I hope to see lots of you here - its a great place to be :)

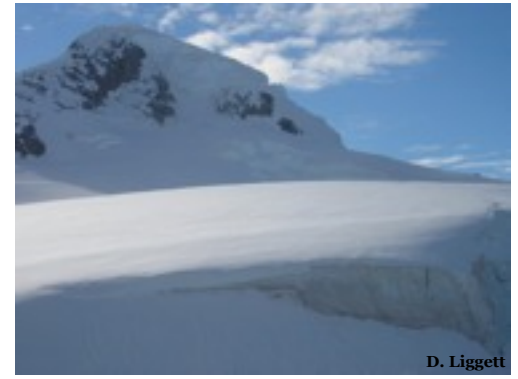




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APECS News (cont).

SCAR Evolution and Biodiversity in Antarctica: committee information and call for newsletter articles

Contributed by: Louise Newman, APECS representative on the SCAR EBA Committee



The March Evolution and Biodiversity in Antarctica (EBA) Newsletter is being put together by the SCAR EBA Committee. Inspired by several of the presentations at the SCAR Biology Symposium in Sapporo, they would like to highlight how technology has helped to advance our knowledge and understanding in the areas we study – e.g. the use of submersibles, Google Earth imaging, GIS, genetic sequencing advances etc.

If you would like to contribute to the next newsletter on this topic, or if you have something else you would like to contribute, please contact Louise Newman (louise.newman[at]pages.unibe.ch) or Shulamit Gordon (S.Gordon[at]antarcticanz.govt.nz) by 1st February. Submissions will not be due till the end of February and can be from 200-900 words long.



<http://apecs.is/apecs-news/1297-scar-evolution-and-biodiversity-in-antarctica-committee-information-and-call-for-newsletter-articles>

APECS at the International Ice Charting Working Group

Contributed by: Penny Wagner



The 10th meeting of the International Ice Charting Working Group (IICWG) was held at the headquarters of the World Meteorological Organization in Geneva October 12-16, 2009. The theme for the meeting was “Expanding Domains and Services” to help focus discussion on the increasing ship traffic in new regions and new seasons in the Arctic and the resulting increase in the need for ice information services.

APECS will be creating collaborations with the IICWG and their operational groups for next year’s workshop.

If you would like to get more involved with helping APECS do more about Alternative Careers in Polar Research, please contact Penelope Wagner (penelopewagner[at]live.com).

<http://apecs.is/apecs-news/1286-apecs-at-the-international-ice-charting-working-group>

Arctic in Rapid Transition (ART) Workshop Report

Contributed by Carolyn Wegner



On 7-9 November, the ART Initiation Workshop was held in Fairbanks, Alaska. The workshop was unique in that it was entirely planned by early career scientists and over half of the participants were early career scientists or students. It was sponsored by AOSB/IASC, the US NSF, the Norwegian Research Council, the Department of Fisheries and Oceans Canada, the Association of Polar Early Career Scientists, and IFM-GEOMAR.

The Arctic in Rapid Transition Initiative is a proposed integrative, multi-disciplinary, long-term pan-Arctic program to study changes and feedbacks with respect to physical characteristics and biogeochemical cycles of the Arctic Ocean and its biological productive capacity.

Workshop discussions and reports will be used to develop a science and implementation plan that integrates, updates, and develops priorities for Arctic Marine Science over the next decade. Our focus within the ART Initiative will be to bridge gaps in knowledge not only across disciplinary boundaries, but also across geographic and temporal boundaries.

<http://apecs.is/apecs-news/1291-art-report>



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APECS News (cont).

Antarctic Field School Underway at Bellingshausen

Contributed by Francisco Fernandoy



We are happy to announce the the APECS Antarctic Field School is underway - and the 15 students and lecturers made it to Bellingshausen Station on the Antarctica Peninsula on 16 Jan 2010. The Field School is organized by the Institute for Atmospheric Physics of the Russian Academy of Sciences, and the International Arctic Research Center at the University of Alaska, Fairbanks and APECS. You can read more about this amazing adventure on a blog by Lindsay Bartholomew (<http://lindsayontheice.wordpress.com/>).

Special thanks to Irina Repina, Vladimir Alexeev and Francisco Fernandoy for organizing this great learning experience, which we hope will be the first of many!

We especially thank Hans-Ulrich Peter, Christina Braun, Antja Nordt, Mathias Kopp and Jan Esefeld from the University of Jena (Germany) for their invaluable collaboration and generosity in the field excursion around Fildes Peninsula. This group of German researchers are working for longer than 20 years at King George Island and other places of South Shetland Islands, monitoring different species of birds and plants in this area. Therefore they are first-line witnesses of the climate variation effects on this region, for example detecting a strong diminution of Adelie Penguins in the near colonies.

<http://apecs.is/apecs-news/1292-antarctic-field-school-underway-at-bellingshausen>

UW-Stevens Point Professor heads to Antarctica

Contributed by Kristin Werner

A college professor from Stevens Point will spend the next three weeks in Antarctica researching how climate change affects carbon dioxide levels in the soil. UW-Stevens Point College of Natural Resources professor Dr. Les Werner left Saturday to join 20 other international research scientists and students at a Russian research station on King George Island.

Internal grants will make it possible for Werner to conduct the research. He also credits Jenny Baeseman, a 1998 alumna, with the Association of Polar Early Career Scientists who has made an effort to include UWSP as a collaborating research university.

<http://www.apecs.is/publications/1303-uw-stevens-point-professor-heads-to-antarctica>

APECS Directorate Receives Grants to Continue Operations

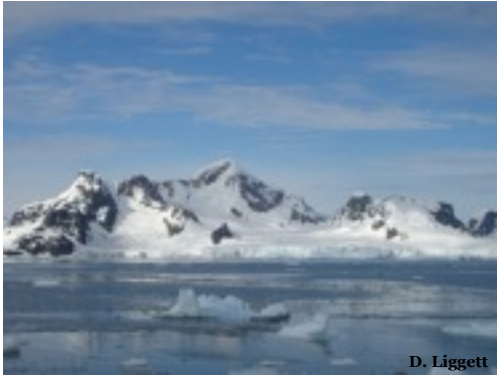
Contributed by Jenny Baeseman



In November, APECS received a grant for 1 Million NOK from the Research Council of Norway (RCN) to continue to operate the International Directorate Office in Tromsø, Norway, through collaborations with the University of Tromsø (UiT) and the Norwegian Polar Institute (NP). The grant covers roughly 1/3 of the total funds needed to continue the current level of APECS activity.

In addition, thanks to Aase Tveito (Senior Advisory at UiT), APECS received ~1.7 Million NOK from the Tromsø Kommune's RDA programme to support the development of a permanent sustainable funding plan for APECS. APECS would like to thank Aase and many others at UiT, NP, RCN and the Tromsø Kommune who have helped APECS establish our international office in Tromsø and look forward to a long and prosperous partnership.

<http://apecs.is/features/1287-apecs-directorate-receives-grants-to-continue-operations>



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Partner News & Announcements

Registration open for PolarCINEMA at the IPY Oslo Science Conference

Contributed by Kirstin Werner



The PolarCINEMA in Oslo 8-12 June 2010 will showcase and celebrate unique productions that are inspired by, and increase the awareness of the polar regions. We invite all filmmakers, reporters, scientists and educators to send in their polar productions and be part of this inspiring festival at the IPY Oslo Science Conference.

<http://apecs.is/apecs-news/1304-registration-open-for-polarcinema-at-the-ipy-oslo-science-conference>

SCAR Report 37

Contributed by Kirstin Werner

The latest SCAR Report (number 37) is now published on the SCAR website. It contains the reports of the first joint meeting between SCADM (SCAR's Standing Committee on Antarctic Data Management) and SCAGI (SCAR's Standing Committee on Antarctic Geographic Information), and of their individual business meetings, which were held in Amsterdam in September 2009.

Report 37 is available to view and download at: <http://www.scar.org/publications/reports/>.



Travel Grants for US Researchers to IPY Oslo Science Conference - Deadline 15 Feb

Contributed by Kirstin Werner



Applications are sought from students, post-doctoral researchers, faculty, and investigators at U.S. institutions for partial travel support for expenses to participate in the IPY Oslo Science Conference. Young investigators, students and members of under-represented groups are especially encouraged to apply.

<http://apecs.is/apecs-news/1295-travel-grants-for-us-researchers-to-ipy-oslo-science-conference-deadline-15-feb>

Inuit Knowledge Centre Launched, Ottawa, Canada - Inuit Qaujisarvingat

Contributed by Kirstin Werner



Through providing tools to help Inuit access the systems of western science, aiding southern based scientists in interacting fully and appropriately within Inuit communities and with using Inuit knowledge, and, through securing secure key partnerships with foundations, governments, NGO's and private sponsors, the aim of Inuit Qaujisarvingat will be to help Canada build on its inherent advantage as the steward of

remarkable human and natural resources that are of vital global importance, help Canada fulfill its international obligations, and help Canada become a leader in the exchange and use of Inuit and scientific knowledge.

<http://apecs.is/apecs-news/1289-inuit-knowledge-centre-launched-ottawa-canada-inuit-qaujisarvingat>

Northern Research Forum - Young Researcher Support

Contributed by Jenny Baeseman

The 6th Open Assembly of the Northern Research Forum (NRF), Our Ice Dependent World, is to be held on October 24th - 27th, 2010 in Oslo and Kirkenes, Norway.



The main theme of the 6th NRF Open Assembly, Our Ice Dependent World, aims to address the impact of dwindling ice -- terrestrial as well as ocean-bound -- on the complex interface of nature and society in all climatic zones of the world.

Young researchers and professionals who have passed their MA and plan to complete a doctoral degree or have recently completed a doctoral degree, are eligible to receive full or partial travel funding from the NRF in order to participate.

<http://apecs.is/apecs-news/1306-northern-research-forum-young-researcher-support>



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Meetings & Workshops

Arctic in a changing climate: Connection to permafrost

24 - 28 May 2010

The event will begin with lectures given in Fairbanks by experts in permafrost sciences and other disciplines with ties to permafrost (engineering, biology, ecosystem modeling, disturbance, climate modeling, social sciences, and hydrology). Over the course of 7–10 days, our expert guides will offer an in-depth view of the landscapes and research along one of the most remote and scenic highways in North America.

http://apecs.is/events/details/118-IARC_Permafrost

APECS at IPY Oslo Science Conference

6-12 June 2010

LOADS Of Stuff - 850 Stipend applications are currently under review. Registration is now open.

<http://apecs.is/oslo2010>

Symposium on the Politics of Antarctica

From 8-10 July 2010 an international symposium on Antarctic politics will be held at the University of Canterbury in Christchurch, New Zealand. This symposium shall encourage the discussion of challenges and controversies with regard to the politics of Antarctica and will look at questions such as:

- Will the Antarctic Treaty be able to last another 50 years?
- Will the emergence of new actors with interest in Antarctica upset the current system?
- Does Antarctic governance need to democratise?

<http://apecs.is/workshops/340-call-for-papers-antarctic-politics>

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). 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>.

4th Open Science Conference at the XXXI SCAR meeting, Buenos Aires, Argentina

3 - 6 August 2010

The 1st Circular and call for abstracts for the 4th SCAR Open Science Conference, which takes place on 3-6 August 2010 in Buenos Aires, is now available. The conference theme is "Antarctica - Witness to the Past and Guide to the Future". The science programme of the OSC will consist of up to 53 sessions on 4 themes: (i) Connectivity and cross-scale interactions; (ii) Tipping points; (iii) Ecosystem health; (iv) Continuity and change. At this time the draft programme contains some 53 sessions. The final distribution of sessions will depend on the number of abstracts, which will be called for in the 1st Circular and on the conference web site.

Some early career scientists from APECS have been nominated to serve as Convener and Co-Conveners for the different sessions, giving APECS members principal roles in the organization of this prestigious scientific conference.

Visit the website for the conference to see all the great science being presented: <http://www.dna.gov.ar/scar2010/index.htm>.

<http://apecs.is/apecs-news/1118-xxxi-scar>

UKPN Circumpolar Remote Sensing Workshop

20 September 2010

The 11th International Circumpolar Remote Sensing Symposium will be held in September 2010 at Cambridge's Scott Polar Research Institute. Prior to the conference (Monday, 20 September 2010), there will be a one day UK Polar Network Workshop on Circumpolar Remote Sensing.

Directed at graduate students and other early career researchers, sessions in development include Open source remote sensing and GIS, Imaging climate change, and Innovating new techniques; suggestions from potential participants are encouraged. The day will also feature a career mentoring panel and will culminate with the CRSS Icebreaker Reception.

<http://apecs.is/other-meetings/details/122-ukpn-circumpolar-remote-sensing-workshop>



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Jobs & Opportunities

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.

Marie Tharp Fellowship for Women Scientists

Lamont-Doherty Earth Observatory, Columbia University, New York, New York, U.S.A.
Posted by: Allen Pope

Scientist Position: marine carbon cycle

Max Planck Institute for Meteorology, Hamburg, Germany
Posted by: Dubrava Kirievskaya

Research Associates in the Science of Climate and Climate Change

University of Washington, Seattle, Washington, U.S.A.
Posted by: Alexey Pavlov

Ph.D. position in paleoclimate modeling

University of Bremen, Bremen, Germany
Posted by: Alexey Pavlov

Postdoc in Physical Limnology

Leibniz-Institute of Freshwater Ecology and Inland Fisheries, Berlin, Germany
Posted by: Alexey Pavlov

Postdoctoral positions in Earth Sciences

Oregon State University, Corvallis, Oregon, U.S.A.
Posted by: Tosca Ballerini

Post-doc opportunity at Smithsonian Institution

Smithsonian Institute, Washington, D.C., U.S.A.
Posted by: Chao Tang

Postdoctoral Fellowship in Arctic Regional Modelling

York University, Toronto, Ontario, Canada
Posted by: Gifford Wong

2010 Scripps Postdoctoral Scholars

Scripps Institution of Oceanography at the University of California, San Diego, La Jolla, California, U.S.A.
Posted by: Allen Pope

PhD - Present and future runoff generation on debris covered glaciers in the upper Aksu catchment, China

Bavarian Academy of Sciences and Humanities, Munich, Germany
Posted by: Allen Pope

Science Reporter

L.A. Times, Los Angeles, California, U.S.A.
Posted by: Allen Pope

PhD - Plant ecophysiology and global change

Florida International University, Miami, Florida, U.S.A.
Posted by: Allen Pope

Climate Adaptation Ecologist

The Wilderness Society, Eastern United States, U.S.A.
Posted by: Alex Taylor

Alaska Regional Director

The Wilderness Society, Anchorage, Alaska, U.S.A.
Posted by: Alex Taylor

Postdoctoral Associate -- Data Observation Network for Earth (DataONE)

The National Center for Ecological Analysis & Synthesis (NCEAS) at the University of California, Santa Barbara, California, U.S.A.
Posted by: Alex Taylor

Senior Lecturer in Physical Geography

Stockholm University, Stockholm, Sweden
Posted by: Gifford Wong

Assistant Professor of Landscape Biogeochemistry/ Multi-scale Biogeochemical Modeling

University of Florida, Gainesville, Florida, U.S.A.
Posted by: Kate Sinclair

Scientist (Physicist, Meteorologist, Oceanographer, Mathematician or related fields of expertise)

Alfred Wegener Institute for Polar and Marine Research, Bremerhavn, Germany
Posted by: Allen Pope



J. Baeseman



J. Baeseman



J. Baeseman

Jobs (continued)

MSc in Climate Change and Policy

University of Sussex, Sussex, U.K.
Posted by: Kate Sinclair

Faculty Position in Atmospheric Chemistry

The Massachusetts Institute of Technology, Cambridge, Massachusetts, U.S.A.
Posted by: Kate Sinclair

Assistant/Associate Research Professor - Ecosystem Modeler

Desert Research Institute, Reno, Nevada, U.S.A.
Posted by: Kate Sinclair

Project Manager

Arctic Research Consortium of the U.S., Fairbanks, Alaska, U.S.A.
Posted by: Kristin Timm

Post Doc - Measurements of black carbon in Polar regions

Norwegian Polar Institute, Tromsø, Norway
Posted by: Silje-Kristin Jensen, Allen Pope, & Nathalie Morata



The Virtual Poster Session is sponsored by:

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

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.

Reanalyses performance of surface energy budget variables over Arctic pack ice: Comparisons with observations from the year-long SHEBA field campaign

Contributed by: Cassandra Wheeler

Sediments from the World's northern-most permanent lake

Contributed by: David Mazzucchi

The Southern Annular Mode in the 21st Century: The effect of contrasting greenhouse gas emission scenarios

Contributed by: Graham Simpkins

The summer perennial pack-ice in the Southern Beaufort Sea was not as it appeared in the summer of 2009

Contributed by: David Barber

Take it from the top

Contributed by: Suzanne Robinson

Creative Arctic? The economic geography of talent and creative capital in the Canadian North

Contributed by: Andrey Petrov

Canadian Arctic policies - A Canadian strategy for the Arctic Region

Contributed by: Marcel Sachse

A negotiation of two rivers: Anthropology of water and dam resistance movements

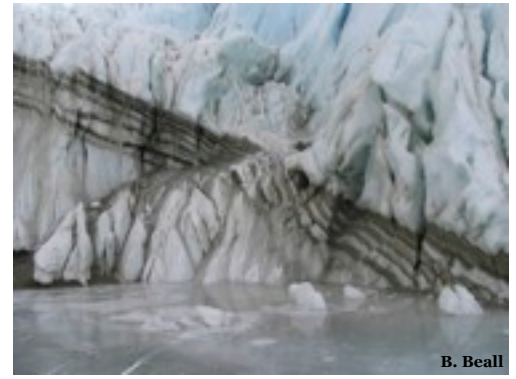
Contributed by: Michelle Borowitz



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Virtual Poster Session, continued

Comparative whaling research: North and South

Contributed by: Russell Fielding

Finding method in the madness: Creating a standardized model for vole abundance indices

Contributed by: Alexandra Taylor

Colonization of mites on glacier-free areas on King George Island (South Shetlands, Antarctica)

Contributed by: Grzegorz Gryziak

Using remote sensing for the monitoring and modelling of snow cover dynamics and permafrost decline in Northern Quebec

Contributed by: Inga May

Are shrubs climbing the mountains and marching northwards into the Arctic?

Contributed by: Isla Myers-Smith

Sea ice thickness retrieval using active microwave remote sensing

Contributed by: Yu Jen Lee

Integrated geophysical approach for the detection and assessment of massive ground ice at Parsons Lake, Northwest Territories

Contributed by: Michael Angelopoulos

Effects of deep-soil warming on ecosystem C fluxes in Alaskan tundra

Contributed by: Sue Natali

The Gulf of Finland ecosystem impact assessment in response to the Ust-Luga Port development

Contributed by: Dubrava Kirievskaya

Zooplankton dynamics and active flux of carbon in Amundsen Gulf

Contributed by: Gerald Darnis

One idea of the ice control over Arctic Sea to terminate global warming

Contributed by: Hi-Ryong Byun

Nutrient regulation of bacterial growth and community structure in the Eastern Canadian Arctic Ocean

Contributed by: Kimberley Keats

Wind-controlled export of Antarctic Bottom Water out of the Weddell Sea

Contributed by: Loic Jullion

In situ acoustic analysis of Arctic Cod (*Boreogadus saida*) aggregations during winter in the Amundsen Gulf (southeastern Beaufort Sea)

Contributed by: Maxime Geoffroy

Snow thickness on Antarctic sea ice from a helicopter borne FMCW radar

Contributed by: N. Galin

Comparison of black-legged kittiwake foraging behavior at three colonies in the Bering Sea using GPS tracking

Contributed by: Rosana Paredes

Distributions of in-water solar radiation in Marginal Ice Zone of Canadian Arctic

Contributed by: Tao Li

Diagnostic of the Equatorial Atlantic Upper Layer Turbulence Field

Contributed by: Udo Skielka

Sea ice volume transport in the Southern Ocean

Contributed by: Rachel Bernstein

Investigating the role of sea surface temperature and energy exchange under extreme snow conditions in the Northern Hemisphere

Contributed by: Gina Henderson

The Climate and Cryosphere (CliC) Project and IPY Contributions

Contributed by: Calista Morrison

OOKPIK.org ... your gateway to Arctic networks, knowledge, opinions and events

Contributed by: Napatsi Folger

Microbial succession in Antarctic soil exposed by glacial retreat

Contributed by: Rubens Duarte

Linking science and traditional knowledge: An assessment of climate change impacts on the use of waterfowl by First Nations in the Hudson Bay Lowland

Contributed by: Jennifer Robus



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Latest Videos and Podcasts

Even though we all love reading a good literature paper, from time to time, we like to see science in action or listen to a meeting. This section is created to share fun things that your colleagues have created and to share the podcasts and lectures from our meetings.

<http://www.apecs.is/multi-media>

Check out Polar Bear Rain in the videos section, and photos from the recent IPY Early Career Researcher Symposium, in Victoria, B.C., Canada, will be posted soon.



B. Beall

APECS Leadership

APECS is lead by a wonderful group of early career researchers from around the globe. 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>.

Joscelyn Bailey (U. of Manitoba)
 Tosca Ballerini (U. of Siena)
 Benjamin Beall (Bowling Green State U.)
 Matteo Cattadori (APECS Italy)
 Jason Dave (The Ohio State U.)
 Francisco Fernandoy (Alfred Wegener Institute)
 Gerlis Fugmann (Justus Liebig U.)
 Natalia Goryunova (P.P. Shirshov Institute of Oceanology)
 Claudia Halsband-Lenk (Plymouth Marine Laboratory)
 Emily Jateff (Flinders U.)
 Kim Jochum (U. of Alaska - Anchorage)
 Loic Jullion (National Oceanography Centre, UK)
 Dubrava Kirievskaya (St. Petersburg State U.)
 Elena Kortylo (Umea U.)
 Hugues Lantuit (Alfred Wegener Institute)

Daniela Liggett (U. of Canterbury)
 Natalia Malygina (APECS Russia)
 Cameron McNaughton (U. of Hawaii)
 Nathalie Morota (U. of Tromsø)
 Dirk Notz (Max-Planck Institute)
 Layla Osman (Universidad Austral de Chile)
 Alexey Pavlov (Arctic and Antarctic Research Institute)
 Allen Pope (Scott Polar Research Institute)
 Angelika Renner (British Antarctic Survey)
 Alejandro Veliz Reyes (U. of Magallanes)
 Torsten Sachs (Helmholtz Centre Potsdam)
 Kate Sinclair (New Zealand Ice Core Programme)
 Ivan Sudakov (St. Petersburg State U.)
 Matt Strzelecki (Adam Mickiewicz U.)
 Chao Tang (U. of California - Riverside)

Alexandra Taylor (APECS Sweden)
 Liz Thomas (British Antarctic Survey)
 Rosa Rut Thorisdottir (U. of Paris)
 Tina Tin (Antarctic Southern Ocean Coalition)
 Adrienne Tivy (International Arctic Research Center)
 Begoña Vendrell-Simón (Institut de Ciències del Mar)
 Jose Xavier (Center for Marine Sciences, Portugal)
 Penelope Wagner (U. of Delaware)
 Pablo Wainstein (U. of Calgary)
 Carolyn Wegner (Leibniz Institute for Marine Sciences)
 Cassie Wheeler (U. of Colorado)
 Gifford Wong (Dartmouth U.)
 Jill Zamzow (U. of Alabama)

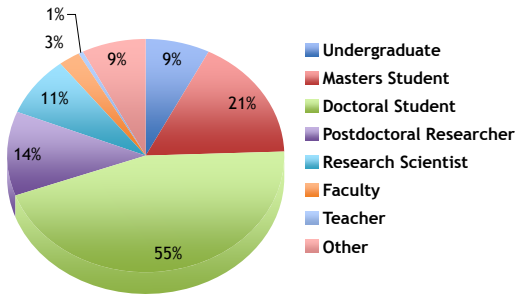


New Members

Contributed by Jenny Baeseman, Gerlis Fugmann, and Ben Beall

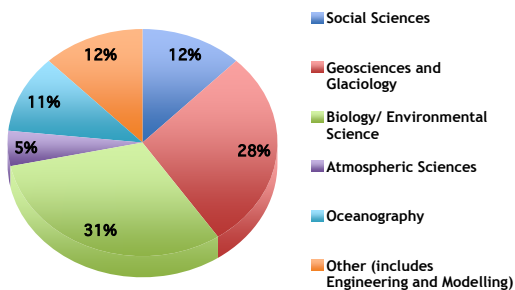
APECS is growing fast. In January, we had 163 new members joining us from 31 different countries. We'd like to welcome each one of you to APECS. Thanks for helping us shape the future of polar research!

Career Stage of Members Joining in January



The majority of new members are doctoral students, but we are nonetheless adding people from a variety of career experiences. Nearly one third of our latest members are post-graduate researchers and faculty, and we are continuing to attract undergraduate students at the beginning of their careers.

Research Areas of Members Joining in January



The research areas of our new members are also widely distributed. Earth sciences and biological sciences comprised almost 60% of the fields represented, but the oceans, the atmosphere and the social sciences also have their devotees.

This variety of experience and interest in our new members is a great statement on the nature and future of APECS. We believe some of the great joys and successes of polar research come from the interactions between different disciplines and backgrounds, and our growing membership reflects this diverse community.

Anna Pienkowski - Doctoral Student - Geosciences Canada

Renata Maria Silva - Research Scientist - Environmental Science Brazil

Luca Spogli - Postdoctoral Researcher - Geosciences Italy

Francis Mani - Doctoral Student - Geosciences United Kingdom

Emily Shroyer - Postdoctoral Researcher - Oceanography United States

Christopher Toles - Geology United States

Paul Dodd - Postdoctoral Researcher - Oceanography Norway

Intissar Keghouche - Doctoral Student - Geosciences Norway

Andrew Lenton - Research Scientist - Oceanography Australia

Lilja Filippusdottir - Masters Student - Urban Studies Iceland

Sigurd Teigen - Doctoral Student - Geosciences Norway

Daphné Buiron - Doctoral Student - Geosciences France

Anna Rodnikova - Doctoral Student - Zoology Russia

Elena Kuznetsova - Geology Russia

Natalie Haussmann - Doctoral Student - Geosciences South Africa

Pernilla Carlsson - Doctoral Student Norway

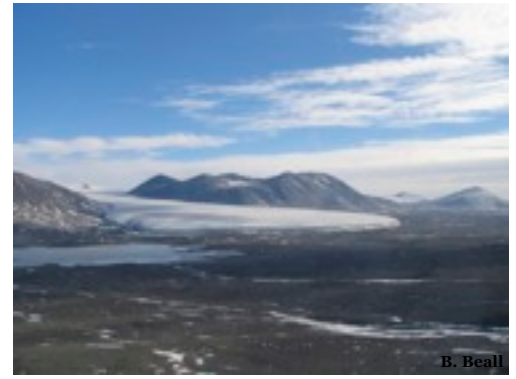
Erin Thommeny - Undergraduate - Environmental Science Canada



B. Beall



B. Beall



B. Beall

New Members, continued

Till Hollinger - Undergraduate
- Economics Switzerland

Elena Knyazeva - Doctoral Student
- Law Ireland

Vanini Alecrim - Research Scientist
- Marine & Freshwater Biology Brazil

Jens Tietjen - Masters Student
- Geosciences Germany

Hamid Awong - Research Scientist
- Fisheries Malaysia

Sari Nevala - Masters Student
- Economics United Kingdom

Michael Rawlins - Faculty
- Hydrology United States

Erik Warming - Undergraduate
- Meteorology & Atmospheric Sciences Denmark

Katya Solyanko - Doctoral Student
- Marine & Freshwater Biology Russia

Grant Stott - Undergraduate
- Environmental Science Canada

Evgenia Pinezhskaya - Undergraduate
- International Relations Russia

Cristen Adams - Doctoral Student
- Remote Sensing Canada

Ari-Pekka Leppänen - Research Scientist Finland

Fadzil Mohdnor - Masters Student Malaysia

Mihir Dash - Faculty
- Remote Sensing India

Terry Lathem - Doctoral Student
- Meteorology & Atmospheric Sciences United States

Helene Reinertsen Langehaug - Doctoral Student
- Oceanography Norway

Segun Ajayi - Masters Student Nigeria

Joanne Rapley New Zealand

Renuka Badhe - Doctoral Student
- Marine & Freshwater Biology United Kingdom

Andrew Bresnahan - Masters Student
- Anthropology Canada

Mieke Sterken
- Paleontology Belgium

Maria Cherbunina - Doctoral Student
- Environmental Science Russia

William Teeter - Undergraduate
- Geosciences United States

Sebastian Vivero - Undergraduate
- Cryology & Glaciology Chile

Pascal Tremblin - Doctoral Student France

Chigomezyo Ngwira - Doctoral Student South Africa

Jennifer Sobiech - Doctoral Student
- Geosciences Germany

Pavel Sultanov - Undergraduate
- Oceanography Russia

Ivy Frenger - Doctoral Student
- Meteorology & Atmospheric Sciences Switzerland

Alice Orlich - Masters Student
- Geosciences United States

Olga Stefanova Russia

Kitae Kim - Doctoral Student
- Engineering Korea, South

Mark Seefeldt - Faculty
- Meteorology & Atmospheric Sciences United States

Maria Martins
- Geosciences Sweden

Veronique Dansereau - Masters Student
- Meteorology & Atmospheric Sciences Canada

Valentina Sergeeva - Doctoral Student
- Marine & Freshwater Biology Russia



J. Baeseman



J. Baeseman



J. Baeseman

New Members, continued

Sumazly Sulaiman - Doctoral Student
- Engineering Malaysia

Andrea Walters - Doctoral Student
- Zoology Australia

Brian Gaas - Doctoral Student
- Oceanography Canada

Mette Riger-Kusk - Doctoral Student
- Cryology & Glaciology New Zealand

Colleen Kellogg - Doctoral Student
- Oceanography United States

Terry Palmer - Research Scientist
- Marine & Freshwater Biology United States

Sandra Villarreal - Doctoral Student
- Ecology United States

Vegard Thorset Våge - Masters Student
- Marine & Freshwater Biology Norway

Kurt Smart - Doctoral Student
- Ecology United States

Nataliya Belova - Masters Student
- Cryology & Glaciology Russia

Amy Breen - Doctoral Student
- Plant Sciences United States

Frances Ross - Masters Student
- Social Sciences Canada

Emilia Trudnowska - Doctoral Student
- Ecology Poland

Elizaveta Ershova - Masters Student
- Zoology Russia

Matthias Bernhardt - Postdoctoral
Researcher
- Hydrology Germany

Jean-Rémi Julien - Masters Student
- Ecology Canada

Antonio Gabriel Pontes e Dechiche -
Undergraduate
- Meteorology & Atmospheric Sciences Brazil

Katarzyna Dmoch - Doctoral Student
- Oceanography Poland

Mikhail Makhotin - Doctoral Student
- Oceanography Russia

Dmitry Golynsky - Doctoral Student
- Geosciences Russia

Lyne Morissette - Postdoctoral
Researcher
- Ecology Canada

Eugenia Miklayeva - Postdoctoral
Researcher
- Cryology & Glaciology Russia

Mughal Shareef - Research Scientist
- Environmental Science Pakistan

Siegrun Ertl - Doctoral Student
- Ecology Austria

Vidar S. Lien - Doctoral Student
- Oceanography Norway

Simon Jessen - Doctoral Student
- Geosciences Norway

Taina Luccas Brazil

Leena Viitanen - Masters Student
- Law Iceland

Olga Povoroznyuk - Research Scientist
- Anthropology Russia

Mariette Wheeler
- Zoology South Africa

Dominique Henri - Doctoral Student
- Social Sciences United Kingdom

Paola Branco - Masters Student
- Marine & Freshwater Biology Brazil

Kathryn Rose - Postdoctoral Researcher
- Cryology & Glaciology United Kingdom

Sally Close - Doctoral Student
- Oceanography United Kingdom



New Members, continued

Mikhail Zimin - Postdoctoral Researcher
- Geosciences Russia

Teresa Gómez Bárcena - Masters Student
- Environmental Science Denmark

Katarzyna Grzelak - Doctoral Student
- Marine & Freshwater Biology Poland

Alison Banwell - Doctoral Student
- Geosciences United Kingdom

Nikolaus Gantner - Postdoctoral Researcher
- Toxicology Canada

Jess Ericson - Masters Student
- Marine & Freshwater Biology New Zealand

Corinne Brunelle - Masters Student
- Oceanography Canada

Hunter Huffman - Undergraduate
- Political Sciences United States

Xin Yuan - Masters Student
- Forestry Canada

Andrey Kokhan - Doctoral Student
- Geosciences Russia

Boris Quennehen - Doctoral Student
- Meteorology & Atmospheric Sciences France

Alexander Morrison - Masters Student
- Anthropology Canada

Tiffany Vance - Research Scientist United States

Vitaly Rogov
- Cryology & Glaciology Russia

Rebecca Cowie - Doctoral Student
- Marine & Freshwater Biology New Zealand

Andrey Tsyganov - Doctoral Student
- Ecology Belgium

May Myklebust - Postdoctoral Researcher
- Ecology Canada

Charles Lee - Postdoctoral Researcher
- Microbiology New Zealand

Lyubov Polyakova - Masters Student
- Cryology & Glaciology Russia

Sherilee Harper - Doctoral Student
- Human & Public Health Canada

Przemyslaw Wyszynski - Doctoral Student
- Meteorology & Atmospheric Sciences Poland

Steven Mamet - Doctoral Student
- Environmental Science Canada

Cody Johnson - Postdoctoral Researcher
- Ecology United States

Jakub Zarsky - Doctoral Student
- Ecology Austria

Diane Winter - Research Scientist
- Geosciences United States

Christian Stepanek - Doctoral Student
- Modelling Germany

Wei Feng - Doctoral Student
- Geosciences China

Carlos Das Neves - Postdoctoral Researcher
- Microbiology Norway

Chiara Gambardella - Doctoral Student
- Marine & Freshwater Biology Italy

Anders Romundset - Doctoral Student
- Geosciences Norway

Jennifer Throop - Masters Student Canada

Neil Swart - Doctoral Student
- Oceanography Canada

Jenny Gales - Doctoral Student
- Geosciences United Kingdom

Åshild Ønvik Pedersen - Doctoral Student
- Biodiversity Norway



New Members, continued

Wieter Boone - Masters Student
- Engineering Belgium

Emily Choy Canada

Benjamin Blazey - Doctoral Student
- Cryology & Glaciology United States

Nathan Vadeboncoeur - Doctoral Student
Student Canada

Michel Tsamados - Postdoctoral
Researcher United Kingdom

Julia Kleinteich - Doctoral Student
- Ecology Germany

Anne Treasure - Doctoral Student
- Ecology South Africa

Sigrid Lind Johansen
- Oceanography Norway

Audrey Wayolle - Doctoral Student
- Agriculture & Soil Sciences United Kingdom

Cedric Chavanne - Postdoctoral
Researcher United Kingdom
- Oceanography

Melissa Moore - Faculty
- Political Sciences United States

Aliea Herbert - Masters Student
- Human & Public Health United States

Mihaela cotarlet - Doctoral Student
- Microbiology Romania

Pablo Zenteno - Masters Student
- Geosciences Chile

Marta López - Doctoral Student
- Toxicology Spain

Mikhail Kalentchenko - Postdoctoral
Researcher Russia
- Law

Sina Muster - Doctoral Student
- Environmental Science Germany

Alexander Sokolov - Postdoctoral
Researcher Russia
- Zoology

Sofia Holmgren - Postdoctoral
Researcher Sweden
- Geosciences

Tania Gibéryen - Doctoral Student
- Economics Canada

Thelma Porres Guatemala

Stephanie Waterman - Postdoctoral
Researcher United Kingdom
- Oceanography

Chengli Xu - Research Scientist
- Human & Public Health China

Dominique Robert - Research Scientist
- Oceanography Canada

Lin Liu - Doctoral Student
- Geosciences United States

Alexandra Tyukavina - Undergraduate
- Geosciences Russia

Julia Schmale - Doctoral Student
- Engineering Germany

Shobhit Agrawal - Doctoral Student
- Biodiversity Germany

Garry Codling - Doctoral Student
- Environmental Science United Kingdom

Catherine Seabury - Doctoral Student
- Social Sciences United States

Adebambo Malik Babatunde - Teacher
- Geology Nigeria

Piotr Demczuk - Research Scientist
- Geosciences Poland

Raquel Melo - Doctoral Student
- Geosciences Portugal

Thorstein Holtskog - Masters Student
- Zoology Norway



D. Liggett



J. Baeseman



J. Baeseman

New Members, continued

Madeleine Doiron - Doctoral Student - Ecology	Canada
Piotr Bartminski - Research Scientist - Environmental Science	Poland
Jenn Robus - Masters Student - Environmental Science	Canada
James Kuptana - Undergraduate - Social Sciences	Canada
Elchin Jafarov - Doctoral Student - Cryology & Glaciology	United States
Marta Głuchowska - Doctoral Student - Oceanography	Poland
Kathryn Nye - Masters Student - Cryology & Glaciology	United Kingdom
Chiu-Pih Tan - Doctoral Student - Social Sciences	New Zealand



J. Baeseman



J. Baeseman

The APECS newsletter is created by Benjamin Beall and the APECS Executive Committee. Please contact Ben (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.

In this issue, the images are courtesy of Benjamin Beall, Jenny Baeseman, Daniela Liggett, and the Association of Polar Early Career Scientists.