



APECS May 2010 Newsletter

One month to go until the IPY OSC in Oslo! While the preparations for this big event are keeping us all busy, there are still a lot of other things happening in APECS right now. The Field School Networks website was relaunched, a number of very successful panels were held and the Virtual Poster Session is attracting more and more people to its calls. And of course, congratulations to our Design Contest winners! Enjoy the May edition of the APECS newsletter!



-Gerlis Fugmann, APECS President 2009-2010

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APECS News & Updates

Welcome to Allen Pope on the Executive Committee

Contributed by Daniela Liggett

We would like to extend a warm welcome to Allen Pope, who has recently joined the Executive Committee to support our efforts. The Executive Committee invited Allen, who has amazed us for quite some time with his relentless enthusiasm, motivation and tireless work on



the APECS Council, to join the Committee in order to take some of the burden off our shoulders. Allen will take over many of Kate Sinclair's duties, who will give birth to our youngest APECS member in June (Congratulations, Kate!!!). Allen has already worked extensively on the APECS field schools website - you may have witnessed the changes this site has undergone over the last few weeks. Allen, just as the rest of us, will welcome your input, ideas, questions. So, don't hesitate to drop him or us a line at any time.

<http://apecs.is/apecs-news/1569-welcome-to-allen-pope-on-the-executive-committee>



APECS News (cont).

This issue features images of Samoylov Station and the environment of Samoylov Island within the Lena Delta, where the Lena River flows into the Arctic Ocean in northeastern Siberia. The station is a joint project between the Lena Delta Reserve and the Alfred Wegener Institute.

For more information please visit: http://www.awi.de/en/infrastructure/stations/samoylov_station/

The featured images of Samoylov are courtesy of Torsten Sachs.



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.

Information Needed on Research Field Sites and Locations

Contributed by Jenny Baeseman

As part of our ongoing efforts to increase the amount of useful information on our website, as well as to help you learn more about polar research as you begin your careers, we are gathering information on the various locations where polar research is conducted. This includes established field camps, ships used in research efforts, major research laboratories and communities where you work with people to learn more about life and traditions in the North.



We are looking for a few things to help with this effort:

- Photos of the location and facilities.
- Short descriptions of locations.

<http://apecs.is/apecs-news/1315-information-needed-on-research-field-sites-and-locations>

APECS Design Content Winners

Contributed by Allen Pope

APECS is happy to announce Fátima Gullino Frazão and Bruno Bôto da Cruz as the winners of the APECS promotional materials design contest – there were so many good contributions that we just couldn't settle with one! Fátima and Bruno will be working together to put together a final set of publicity materials for the Oslo Conference and beyond. Once complete, the stunning results of their collaboration will be available on the APECS website.

90 APECS members voted in the competition. The first place submission (Fátima Gullino Frazão) won 31 votes and second place (Bruno Bôto da Cruz) earned 21 votes. All other submissions received fewer than 15 votes each. Many thanks to all those who participated!



APECS RSS Feed Available

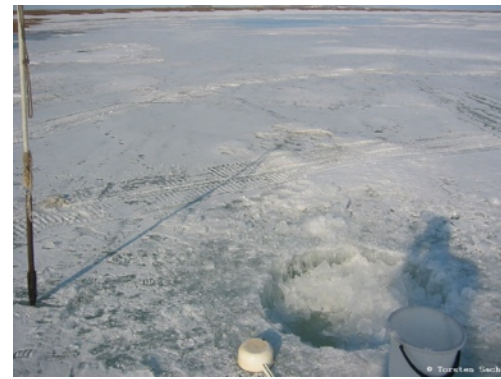
Contributed by Jenny Baeseman



Thanks to the great support we receive at the Arctic Portal in Iceland, we have a new RSS feed that integrates all the features of our website.

Everytime something new is added to the website, it shows up on the feed - jobs, events, literature articles, posters, and much more. To subscribe to this feed, go to <http://www.apecs.is/feed>.





APECS News (cont).

Education and Outreach Lessons from IPY

Contributed by Kirstin Werner



The Scientific Committee on Antarctic Research (SCAR) with the Association of Polar Early Career Scientists (APECS), and the International Arctic Science Committee (IASC) have won funding from the International Council for Science (ICSU) for a project "Education and Outreach Lessons from IPY". This project will involve an assessment and compilation of recommendations that capture

Education and Outreach lessons from the IPY.

<http://apecs.is/apecs-news/1577-education-and-outreach-lessons-from-ipy>

Position Available: IPY Education and Outreach Assessment Project

Contributed by Jenny Baeseman

We are seeking a project assistant on a part-time basis to help coordinate an initial assessment of the outcomes of International Polar Year (IPY) Education and Outreach. The scope of the project is to help outline the lessons learned and any internationally coordinated efforts that should continue after the closure of the IPY International Programme Office. Please visit the link below for a detailed job description as well as project background in the text below and the document attached. Ideally the position will be located in Tromsø, Norway, but those wishing to work on contract remotely are also encouraged to apply.

<http://apecs.is/features/1640-position-available-ipy-education-and-outreach-assessment-project>



Launch of the APECS Working Group Programme

Contributed by Gerlis Fugmann

Are you wondering what the various projects are that we are working on? Have you been wondering how to get more involved with APECS?

Working on projects and ideas together is the main way APECS works towards shaping the future of polar research. Ideas such as the Virtual Poster Session, The APECS Mentorship Programme, the Literature Discussion Forum and the many workshops and panel discussions we have - all started with a few talented people working together with a special aim - helping each other and to create a better way to conduct polar research and to help others learn about the polar regions.



The APECS Council recently approved the new APECS Working Group Programme to create a way for all APECS members to take their ideas, find colleagues with similar interests and make those great thoughts in your heads into something that can help shape the future of polar research. Find out more about already established Working Groups at www.apecs.is/working-groups or if you have your own idea, follow the simple steps on how to create your own Working Group under www.apecs.is/create-a-working-group!

Please contact Gerlis Fugmann (g_fugmann@hotmail.com) or any of the other APECS Executive Committee members (excom@apecs.is) if you have questions!

<http://apecs.is/apecs-news/1435-launch-of-the-apecs-working-group-programme>

Summary from APECS RUSSIA Panel at Great Geographical Festival in St. Petersburg Now Available!

Contributed by Dubrava Kirievskaya



The report summary from the APECS RUSSIA Panel at the Great Geographical Festival in St. Petersburg is now available! Please visit http://apecs.is/images/stories/apecs_russia/apecs-russia-report.pdf



APECS News (cont).

APECS Field Schools Network Relaunch

Contributed by Allen Pope



APECS is happy to announce the relaunch of our Field Schools Network website: <http://www.apecs.is/field-schools>

Field schools are enjoyable, exciting, and highly educational experience for those lucky enough to attend them. The APECS

Field Schools network is an effort to share field school opportunities with APECS members and also bring together those who have had these experiences with those who wish to.

<http://apecs.is/features/1614-apecs-field-schools-network-relaunch>

Gain Important Skills by Joining the Virtual Poster Session Working Group

Contributed by Alexey Pavlov

As many of you know, a project called the Virtual Poster Session (VPS) was launched at the beginning of this year. So far, it has been run solely by the members of Research Activities Committee.



Over the past few months we have had many discussions on how to get more people involved in this exciting project that offers many opportunities for our members to gain valuable skills, such as chairing a session, reviewing others work, and developing communication skills. So to open up this project for all APECS members and mentors to participate in, we have created a VPS Working Group (<http://www.apecs.is/current-projects/1619-virtual-poster-session-working-group>).

<http://apecs.is/features/1620-gain-important-skills-by-joining-the-virtual-poster-session-working-group>

Recording of April Virtual Poster Session Call

Contributed by Kim Jochum

The April Virtual Poster Session call is now available at <http://connect.canterbury.ac.nz/p71666658/>. The call took place on the 28th of April at 22GMT, and its focus was Education and Outreach.



The presenters were:

- (1) Kári Fannar Lárússon from Iceland talking about his poster on Arctic Students and Educators Requirements in E-learning (<http://apecs.is/virtual-poster-session/outreach/1606-karilarusson2010a>), and
- (2) Matteo Cattadori (<http://www.apecs.is/virtual-poster-session/outreach/1103-matteocattadori2009a>) talked about his poster on ANDRILL education activities in Italy.

The session was conducted through an online meeting system (Adobe Acrobat Connect) hosted by the University of Canterbury. The May VPS call will focus on Terrestrial Research. Thanks for the great presentations, discussions and everyone who joined!

<http://apecs.is/features/1648-recording-of-april-virtual-poster-session-call>

New National Committee Websites Available

Contributed by Jenny Baeseman



We are very happy to announce the launch of APECS Brazil, APECS Italy, and APECS Russia's new websites. You can find them, and the other great national committees at <http://www.apecs.is/national-committees>. Special thanks to Erli Costa, Tosca Ballerini, Dubrava Kirievskaya, Ivan Sudakov, and Alexey Pavlov for making these sites possible!

<http://apecs.is/apecs-news/1462-arctic-virtual-learning-tools-project-joint-workshop>

APECS News (cont).

Gordon Conference Participation for March 2011

Contributed by Penelope Wagner

The Gordon Research Conference (GRC) for Polar Marine Science is an invaluable and unique forum for researchers to network, exchange ideas, and explore the complex systems of polar science. This conference will be held on March 20-25, 2011 in Ventura California, and we have an incredible opportunity to plan a Graduate Research Seminar (GRS) the weekend before the conference.



We need the help of APECS members to shape this Polar Marine Science Graduate Research Seminar workshop into a great success. How can YOU get involved? Don't be shy! We want to hear from you!

Do you know any exceptional speakers with wide-ranging polar marine research interests? We need your input to invite the keynote speakers and session discussion leaders that will shape the direction and focus of the GRS.

<http://apecs.is/apecs-news/1624-gordon-conference-participation-for-march-2011>

Polar Information Commons and APECS

Contributed by Kim Jochum



First I really want to thank all of you that filled out the data sharing survey in February. We had a great response of 74 participants, and what puzzled me most – from 18 different countries! We already are a truly international and interdisciplinary organization, and still growing. I am delighted to see that. Between the 20th and the 23rd of March 2010 the Steering Committee of the Polar Information Commons (PIC, www.polarcommons.org) and others,

including IPY data managers and World Data System representatives (WDS, <http://wds.geolinks.org>) met in Paris at ICSU headquarters to move forward Polar data sharing ideas based on 'open access' and 'best practices', with the important goal of building a long-term data access legacy of the IPY, and all polar data. The PIC goal is to rapidly enhance international and interdisciplinary research, education, planning, and management for the polar regions.

At the IPY Oslo Science conference in June 2010, PIC will have an exhibit to inform about the PIC idea and data management. Additionally a presentation on PIC will be held in the data session (T5.4). Please take advantage of these possibilities to learn about PIC, and provide feedback to the PIC steering group. Building a long-term open-access community will only work when getting actively feedback from the user community to improve current shortcomings and facilitate a widely used cyberinfrastructure.

<http://apecs.is/features/1608-pic-and-apecs>

Message from the Director

Norwegian Centre for Science Education at the University of Oslo



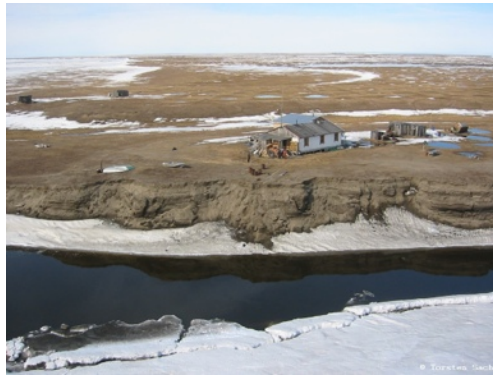
Many of you know how important your science education experiences have been for you and the impact that a single teacher or a field trip has on your career choices. For some it meant the difference between going in to the natural sciences or choosing social sciences and humanities. Next month, as you are probably aware, is the IPY Oslo Science Conference in Norway. APECS will be hosting a Career Development Workshop in parallel to an international PolarTEACHERS conference just prior to this conference. We plan to make sure our two groups interact and share experiences and excitement of the Polar Regions.

Our workshops will be held at the University of Oslo, thanks to the assistance of the Norwegian Centre for Science Education. This month I wanted to share with you a little bit more about this great resource here in Norway to help inspire the next generation of researchers. If you have questions about this programme, please contact Lise Faafeng <lise.faafeng@naturfagsenteret.no> or Karl Torstein Hetland <karlth@online.no>.

The Norwegian Centre for Science Education is a national resource centre for science education (kindergarten, primary and secondary school, adult education and teacher training). Its main objective is to enable pupils and teachers to consolidate competence and motivate interest in natural science. This is achieved by developing and improving content and methods through research, experiment and development projects. Furthermore, the centre contributes to actions aimed at increasing the recruitment to scientific and technical studies and works to contact with societies of science education on a national, Nordic and international level.

Looking forward to seeing many of you next month in Oslo!





APECS News (cont).

Arctic Science Summit Week 2010 in Nuuk / Copenhagen

The Arctic Science Summit Week 2010 was held from in Nuuk (Greenland) this year - and in Copenhagen - from April 15 - 18, 2010 (plus a week thanks to Iceland's volcano!). APECS Director Jenny Baeseman and President Gerlis Fugmann both attended the event in Nuuk.



The programme contained three days of meetings by the International Arctic Sciences Committee (IASC), Arctic Ocean Sciences Board (AOSB), European Polar Board (EPB), Pacific Arctic Group (PAG) and Forum of Arctic Research Operators (FARO), as well as one Common Day with scientific presentations and a boat excursion. However, the volcanic eruption in Iceland turned this into an unusual event for all participants. Only half of the delegates were able to travel to Nuuk (before the eruption) and the rest was stuck in Copenhagen. Therefore, meetings had to be held either with a reduced number of participants in Nuuk or via video conference with the rest of the delegates in Copenhagen.

<http://apecs.arcticportal.org/apecs-news/1691-arctic-science-summit-week-2010-in-nuuk--copenhagen>

APECS Panel in Nuuk, Greenland - Report

Contributed by Jenny Baeseman

APECS held a mentor panel at the University of Greenland (Ilisimatusarfik) on April 16, 2010, organized by APECS Director, Jenny Baeseman, and President Gerlis Fugmann as a side event during the Arctic Science Summit Week in Nuuk. The event was made possible through the local coordination of Ole Marquardt, professor at Ilisimatusarfik. We were very fortunate to have two wonderful and helpful mentors: Magnus Tannerfeldt (Swedish Polar Research Secretariat) and Bernard Coakley (University of Alaska) and we wish to thank all three for their support!



Magnus Tannerfeldt

<http://apecs.is/apecs-news/1651-apecs-panel-in-nuuk>

Partner News & Announcements

Invitation to participate in a survey on wilderness and aesthetic values of Antarctica

Contributed by Rupert Summerson

I am writing to ask for your help with circulating an invitation to participate in a survey on wilderness and aesthetic values of Antarctica. The survey, which is part of my PhD research, investigates perceptions of wilderness and aesthetic quality in Antarctic landscapes. I was wondering whether you might be able to include an item on your website inviting your members to take part?

Although wilderness and aesthetic values are listed among the environmental values to be protected under the Madrid Protocol there has been little research on how these values should be assessed. The results of this survey will, I hope, contribute to the development of guidelines for the assessment and protection of wilderness and aesthetic values as required by the Madrid Protocol.

<http://apecs.is/apecs-news/1652-invitation-to-participate-in-a-survey-on-wilderness-and-aesthetic-values-of-antarctica>

SCAR Open Science Conference

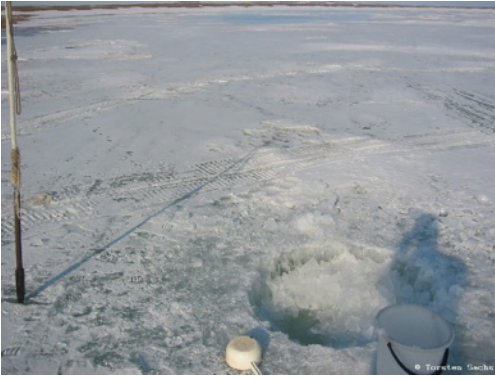
Contributed by Francisco Fernandez



The Deadline for abstract submission for the Open SCAR Science Conference (3-6 August 2010, Buenos Aires) has been extended until the 15th April. We would like to invite you to submit your abstracts for poster or oral presentation. The scientific program is already available under: <http://www.dna.gov.ar/scar2010/sessions.htm>

We especially would like to encourage your participation in the sessions, where several of APECS members have been called to serve as conveners. We thank all of them for their time and effort in organizing this distinguished scientific conference.

<http://apecs.is/apecs-news/1539-scar-open-science-conference-buenos-aires-argentina>



Partner News (cont.)

University of the Arctic newsletter - April 2010

Contributed by Kirstin Werner



In this issue:

- Fourth UArctic Rectors' Forum in Fairbanks - August 2010
- Call for Applications - Triple I Project
- The Calotte Academy 2010 is ready to hit the road
- Office of Undergraduate Studies hosts a Workshop on Circumpolar Studies Core Courses Evaluations
- Funding for the development of Nordic Master Programmes
- Call for Contributions - Northern Notes
- Arctic State Institute is launching Summer School from Mid July to Mid August 2010

<http://apecs.is/apecs-news/1598-university-of-the-arctic-newsletter-april-2010>

David Hik elected new IASC President

Contributed by Allen Pope

David Hik was elected the new IASC President during the annual IASC Council Meeting in Nuuk/Copenhagen. The circumstances were somewhat special considering the fact that half of the IASC delegation was present in Nuuk while the other half was detained in Copenhagen due to the volcanic eruption in Iceland. Luckily modern technology enabled the first (and hopefully last) IASC elections through a videoconference connecting both cities.



<http://apecs.is/apecs-news/1612-david-hik-elected-new-iasc-president>

SCAR Fellowship Scheme 2010-11

Contributed by Kirstin Werner

Deadline Saturday 15th May 2010



Fellowships are intended to allow researchers from one SCAR Member country to undertake short term visits to major international laboratories, field facilities, and/or home institutions in or operated by another SCAR Member country, so as to become acquainted with recent advances in research and/or to develop long-term scientific links and partnerships.

The work must be carried out in a research group of a SCAR nation different from that of the applicant's origin.

Awards will be up to US\$15,000, providing, as needed, economy-class round trip travel and a modest subsistence allowance for the fellowship period. The Fellow's home institute will bear all expenses incurred in his or her own nation (domestic travel, visa costs, etc.), and the host institute will waive any bench fees that they might normally charge trainees. Three to four awards will be made in total depending on the quality of the applications and the budget available.

<http://apecs.is/apecs-news/1647-scar-fellowship-scheme-2010-11>

Research opportunities in Antarctica

Contributed by José Xavier



If considering doing Antarctic Research, please check out the opportunities offered to early career scientists by the National Center for Antarctic and Ocean Research (<http://india.gov.in/outerwin.php?id=http://ncaor.nic.in/>). In case of any queries please contact Rahul Mohan (rahulmohan@ncaor.org) or Rasik Ravindra (rasik@ncaor.org).

<http://apecs.is/apecs-news/1547-research-opportunities-in-antarctica>



Meeting & 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

The program for the IPY Oslo Science conference is now online. Information on accommodations during the Career Development Workshop and other conference details have also been recently added. Please visit the website for more information.

<http://apecs.is/oslo2010>

Tinker Foundation travel grants for Latin American participants at Oslo IPY



Applications are sought from South American researchers for travelling to and attending the Oslo International Polar Year (IPY) conference (8-12th June 2010).

Travel grants will provide partial or full support for travel and related expenses (including the registration fee) to attend the Oslo IPY Conference. The grants will be provided by the Tinker

Foundation and are administered by the Scientific Committee on Antarctic Research.

Eligibility: Applicants must be Citizen and current residents of a South American Country. Successful applicants must have had an abstract (either poster or oral presentation) accepted.

<http://apecs.is/apecs-news/1574-tinker-foundation-travel-grants-for-latin-american-participants-at-oslo-ipy>

Interdisciplinary Polar Field School 2010, Longyearbyen, Svalbard

21 June - 9 July 2010

The course will offer a unique field-training experience for internationally recruited students (undergraduate/early graduate) in a high-arctic environment, further on providing them with the latest IPY research data and information to be used for interdisciplinary project work during the field-school.

<http://apecs.is/events/details/164-interdisciplinary-polar-field-school-2010>

APECS SESSION in European Science Open Forum ESOF 2010 in Torino

2-7 July 2010



Energy and Enthusiasm is Contagious: How early career scientists can help the world reach excellence in science? Today, a successful early career scientist has to do brilliant research, publish in top journals, effectively communicate their work at conferences, and be actively involved in policy making, education and outreach activities. However, managing time and prioritizing these facets of a scientist can be challenging.

<http://apecs.is/events/details/148-apecs-session-in-european-science-open-forum-esof-2010-torino-july>

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.

<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>.



Meetings & Workshops (cont.)

Calling Early Career Scientists: NSF Planning Workshop On Land-Ice Contributions To Future Sea Level

11 - 14 July, 2010

A four-day workshop will be convened July 11-14, 2010, in Sterling, VA, to develop a Science and Implementation Plan on Land-Ice Contributions to Future Sea Level. We invite members of the research community who are interested in participating in the workshop to submit a one-page statement of interest explaining their background and how it fits within the context of the workshop goals. For the workshop to be successful, the participating scientists must be able to recognize and acknowledge the relevant contributions of other communities to the specific goal of projecting future sea-level rise.



In addition, balance in stage of career, gender and race will be considered in the selection process, as will the potential to provide new perspectives. To include the youngest perspectives, we encourage graduate students and post-docs to submit documentation to be considered for one of the six spots reserved for them to participate in the workshop. All travel costs will be covered for U.S. participants.

<http://apecs.is/apecs-news/1607-calling-early-career-scientists-nsf-planning-workshop-on-land-ice-contributions-to-future-sea-level>

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/events/details/184-scar-xxxi-aamp-open-science-conference>

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>

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

3 - 6 August 2010



Update: Travel grants are available for students and early career scientists who will be presenting talks or posters at the SCAR Open Science Conference. Grants will provide full or partial support for travel and related expenses. Applications must be submitted on the form available from the SCAR website by 17:00 GMT on Thursday 15 April 2010.

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.

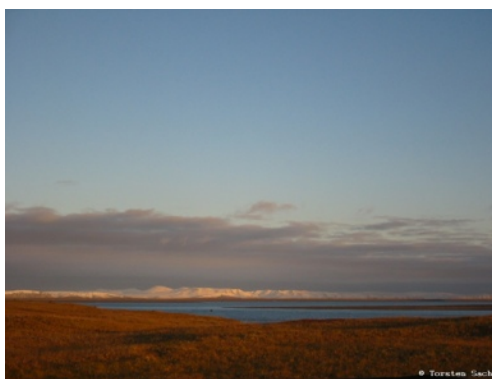
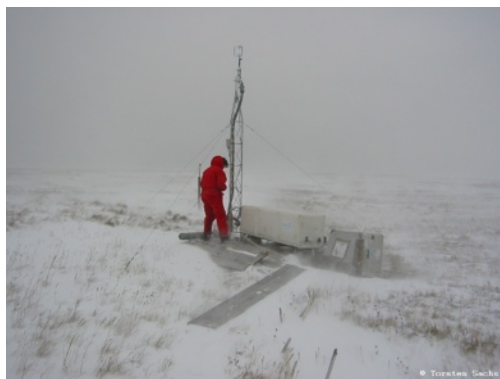
Arctic Science Summit Week 2011, 1st Circular is available

28 March - 1 April 2011

A preparation for Arctic Science Summit Week 2011 that will be held in Seoul, South Korea next spring, is in progress and the organizing committee has just released a 1st Circular for the meeting. Recall that following a successful experience of ASSW 2009 in Bergen, it is planned to combine business meetings with a 3-day scientific symposium. During ASSW 2011, a number of APECS activities and early career scientists' involvement will be supported by the Organizing Committee and IASC.

<http://apecs.is/apecs-news/1582-arctic-science-summit-week-2011-1st-circular-is-available>

Download the circular: http://apecs.is/images/stories/assw2011_circular.pdf



New Members

This month we had 70 new members from 18 countries. Welcome to APECS and we look forward to working with you to shape the future of polar research.

Celsa Almeida - Doctoral Student
- Geosciences India

Maria Kvasova Russia

Artem Bober
- Economics Russia

Alexey Penzin
- Engineering Russia

Meghan Larson - Research Scientist
- Environmental Science United States

Ludmila Lebedeva - Undergraduate
- Hydrology Russia

Parvathy Radhakrishnan - Doctoral Student
- Geology India

Maximiliano Bezada - Faculty
- Geosciences Venezuela

Suhas Shetye - Research Scientist
- Marine & Freshwater Biology India

Niculita Mihai - Doctoral Student
- Geosciences Romania

Kelly Wilhelm - Masters Student
- Geosciences United States

Ethan Schaefer - Undergraduate
- Geology United States

Marianna Badini da Costa Brazil

Mahadi Mohammad - Research Scientist
- Marine & Freshwater Biology Malaysia

Sazlina Salleh - Research Scientist
- Environmental Science Malaysia

Douglas Riff - Teacher
- Paleontology Brazil

Shailesh Pednekar - Research Scientist
- Oceanography India

Mohd. Farooq Azam - Masters Student
- Cryology & Glaciology India

Jeanette Gundersen - Masters Student
- Geosciences Norway

Virna Loana Meccia - Postdoctoral
Researcher
- Oceanography Brazil

Sajjad Ahmad - Masters Student
- Geosciences Norway

Sudipto Mandal - Postdoctoral
Researcher
- Ecology India

Catherine van der Lely
- Geosciences Canada

Eva Hidalgo Pla - Undergraduate
- Zoology Spain

Tatiane Martins - Masters Student
- Meteorology & Atmospheric Sciences Brazil

Anna Kalyuzhnaya - Undergraduate
- Oceanography Russia

Samuel Blanc
- Ecology France

Anika Seidler - Undergraduate
- Environmental Science Germany

Ivan Saushkin - Undergraduate
- Energy & Fuels Russia

Zubov Anton - Masters Student
- Ecology Russia

Esther Jimenez - Research Scientist
- Marine & Freshwater Biology Mexico

Alexandra Kirshner - Masters Student
- Geosciences United States



New Members, continued

Denis Karlov - Research Scientist
- Microbiology Russia

Vasily Bednenko - Masters Student
- Meteorology & Atmospheric Sciences Russia

Lionel Favier - Postdoctoral Researcher
- Cryology & Glaciology France

Abdelbadea Elhassan - Doctoral Student
- Biodiversity Sudan

Hana Leithgoe - Undergraduate
- Environmental Science United Kingdom

Runa Antony - Research Scientist
- Microbiology India

Roseline Cutting - Research Scientist
- Environmental Science India

Vartika Singh - Research Scientist
- Geology India

Pascaline Bourgain - Doctoral Student
- Oceanography France

Steven Arnfjord - Teacher
- Social Sciences Greenland

Aviaq Jørgensen - Masters Student Greenland

Anna Bulochnikova - Undergraduate
- Geosciences Russia

Marie Porter - Doctoral Student
- Oceanography United Kingdom

Matthew Alkire - Postdoctoral
Researcher
- Oceanography United States

Torborg Haug - Doctoral Student
- Geosciences Norway

Dan Morley - Undergraduate United Kingdom

Rebecka Brasso - Doctoral Student
- Marine & Freshwater Biology United States

John Appleby - Doctoral Student
- Cryology & Glaciology New Zealand

Ailsa Benton - Research Scientist
- Environmental Science United Kingdom

Martin Schneebeli - Research Scientist
- Geosciences Switzerland

Joshua Carmichael - Doctoral Student United States

Ravail Singh - Doctoral Student
- Ecology India

Surya Deb Chakraborty - Masters
Student
- Remote Sensing India

Lene Østvand - Doctoral Student
- Geosciences Norway

Alexander Zapf - Doctoral Student
- Environmental Science Switzerland

Julian G. Klein - Undergraduate
- Meteorology & Atmospheric Sciences Switzerland

Tim Lane - Doctoral Student
- Cryology / Glaciology United Kingdom

Dorte Søgaard - Doctoral Student
- Marine & Freshwater Biology Greenland

Ekaterina Ivanova - Research Scientist
- Meteorology & Atmospheric Sciences Russia

Charles Jones - Doctoral Student
- Environmental Science United States

Isabella Mariani - Doctoral Student Switzerland

Adriane Machado - Research Scientist
- Geology Portugal

Alina Alexandrova - Masters Student
- Environmental Science Russia

Michael Chester - Doctoral Student
- Engineering United Kingdom

Marcel Miraldo - Research Scientist
- Marine + Freshwater Biology Brazil

Fabio Sanches - Research Scientist
- Marine & Freshwater Biology Brazil



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.

Numerical Modeller for Palaeo-Ice-Sheets

British Antarctic Survey, Cambridge, U.K.
Posted by: Allen Pope

Boating Officer - KEP

British Antarctic Survey, Cambridge, U.K.
Posted by: Allen Pope

Boating Officer - Rothera

British Antarctic Survey, Cambridge, U.K.
Posted by: Allen Pope

Biological Science Support

British Antarctic Survey, Cambridge, U.K.
Posted by: Allen Pope

Physical Oceanographer

British Antarctic Survey, Cambridge, U.K.
Posted by: Allen Pope

PostDoc: Ice Core Geobiology/Geochemistry

Montana State University, Bozeman, Montana, U.S.A.
Posted by: Allen Pope

Full or Associate Professor of Physical Geography

Department of Geography, University of Zurich, Zurich, Switzerland
Posted by: Anna Wagner

Satellite Data Liaison - Earth Processes

University of Alaska Fairbanks, Fairbanks, Alaska, U.S.A.
Posted by: Allen Pope

PhD Position in Physical Geography - Arctic Hydro-climatic Interactions and Carbon Fluxes

Stockholm University, Stockholm, Sweden
Posted by: Johanna Karlsson

PhD position at the Laboratoire de Glaciologie et Géophysique de l'Environnement

Université Joseph Fourier, Grenoble, France
Posted by: Francisco Fernandez

Marine Biological Assistant

British Antarctic Survey, Cambridge, U.K.
Posted by: Allen Pope

PhD Position in Physical Geography - Permafrost

Stockholm University, Stockholm, Sweden
Posted by: Johanna Karlsson

Postdoctoral position on carbon cycling in Arctic Permafros

Department of Geosciences, Princeton University, Princeton, New Jersey., U.S.A.
Posted by: Francisco Fernandez

Deputy Division Director, Arctic Sciences Division

Office of Polar Programs, National Science Foundation, Arlington, VA, U.S.A.
Posted by: Torsten Sachs

PhD student: influence of climate change on biodiversity

University of Alaska Fairbanks, Fairbanks, Alaska, U.S.A.
Posted by: Torsten Sachs

PhD position in ice-ocean modeling

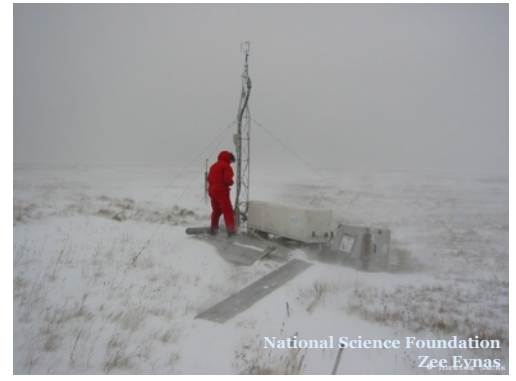
McGill University, Montreal, Québec, Canada
Posted by: Torsten Sachs

Scientific support, engineering, and research positions on a range of topics

Pacific Northwest National Laboratory, Richland, Washington, U.S.A.
Posted by: Torsten Sachs

Post-Doctoral researcher

NASA Goddard Space Flight Center, Greenbelt, Maryland, U.S.A.
Posted by: Francisco Fernandez

National Science Foundation
Zee Eynas

Jobs & Opportunities

Internship - Puccinellia in the European Arctic

University Centre in Svalbard, Longyearbyen, Svalbard, Norway
Posted by: Allen Pope

Ph.D. Position in Sea Ice Geophysics

University of Alaska Fairbanks, Fairbanks, Alaska, U.S.A.
Posted by: Hajo Eicken

Masters Project - Puccinellia in the European Arctic

University Centre in Svalbard, Longyearbyen, Svalbard, Norway
Posted by: Allen Pope

Postdoc - Bioenergetics

USGS Alaska Science Center, Anchorage, Alaska, U.S.A.
Posted by: Layla Osman

Postdoctoral/PhD Research Fellowships (Geology/Geophysics)

Oslo University, Oslo, Norway
Posted by: Matt Strzelecki

PhD in Antarctic hydrological network

Alfred Wegener Institute, Bremerhaven, Germany
Posted by: Matt Strzelecki

Zoological Field Assistant

British Antarctic Survey, Cambridge, U.K.
Posted by: Matt Strzelecki

Ph.D. position in Arctic Marine Ecology

University Centre in Svalbard, Longyearbyen, Svalbard, Norway
Posted by: Matt Strzelecki

Graduate Research Associate Position Available

Byrd Polar Research Center, Columbus, Ohio, U.S.A.
Posted by: Matt Strzelecki

Physical Geography Lectureships (Quaternary Science, and GISc)

University of Manchester, Manchester, U.K.
Posted by: Allen Pope

Database Specialist (3 year position)

Norwegian Polar Institute, Tromsø, Norway
Posted by: Kirstin Werner

Sea-ice scientist/postdoc - 2 years

Norwegian Polar Institute, Tromsø, Norway
Posted by: Kirstin Werner

Phd in Glaciology

University of Oslo, Oslo, Norway
Posted by: Allen Pope

Oceans Project Manager

National Science Foundation Office of Polar Programs, Arlington, Virginia, U.S.A.
Posted by: Allen Pope

Arctic Program Director

Wilderness Society, Anchorage, Alaska, U.S.A.
Posted by: Torsten Sachs

PhD Applicants for Geophysics Program

University of Alaska Fairbanks, Fairbanks, Alaska, U.S.A.
Posted by: Torsten Sachs

Visiting Assistant Professor

University of Alaska Fairbanks, Fairbanks, Alaska, U.S.A.
Posted by: Jason Davis

Expeditions leader

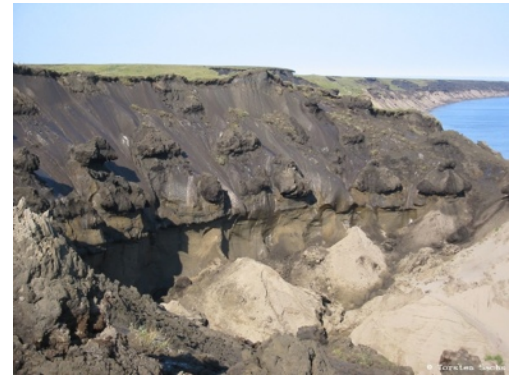
Tunsbergdalsbreen Project, Norway
Posted by: Kirstin Werner

Graduate Student Positions in Human Geography

Memorial University of Newfoundland, St John's, Newfoundland, Canada
Posted by: Torsten Sachs

MSc position - Otariid physiology

University of British Columbia, Vancouver, British Columbia, Canada
Posted by: Layla Osman



Jobs & Opportunities

Pinniped Research Intern

BioPol, Skagaströnd, Iceland
Posted by: Layla Osman

Education and Outreach Lessons from IPY Project Assistant

Tromsø, Norway
Posted by: Kirstin Werner

Ph.D. Opportunities - Arctic Climate Change

School of Geography, University of Plymouth, Plymouth, U.K.
Posted by: Claudia Halsbank-Lenk

Two post doctoral research fellow positions in Marine Ecotoxicology

Department of Arctic and Marine Biology, University of Tromsø, Tromsø, Norway
Posted by: Silje-Kristin Jensen

Post doctoral research fellow position in Marine Ecology (Arctic C flux)

Department of Arctic and Marine Biology, University of Tromsø, Tromsø, Norway
Posted by: Silje-Kristin Jensen

Temporary position for researcher in Marine Ecotoxicology

Department of Arctic and Marine Biology, University of Tromsø, Tromsø, Norway
Posted by: Silje-Kristin Jensen

Post-doctoral Research Associate

NASA Goddard Space Flight Center, Greenbelt, Maryland, U.S.A.
Posted by: Nathalie Morata

Research Fellow in marine ecology

Department of Arctic and Marine Biology, University of Tromsø, Tromsø, Norway
Posted by: Silje-Kristin Jensen

Research Fellow in Insect population outbreaks and damage of sub-arctic birch forests

Department of Arctic and Marine Biology, University of Tromsø, Tromsø, Norway
Posted by: Silje-Kristin Jensen

Post-doc methane isotope biogeochemistry/infrared absorption spectroscopy in an arctic wetland

University of Arizona, Tucson, Arizona, U.S.A.
Posted by: Nathalie Morata

Post doc position

Technische Universitaet Berlin, Berlin, Germany
Posted by: Francisco Fernandez

Recent Literature Discussions

There are so many great research papers to read and so little time to read them all. If you have read an interesting paper and want to tell others about it, or if you have found a new method and want to know if anyone else has tried it - post the article's information and encourage other APECS members to discuss it with you at <http://apecs.is/literature>.

Parameterizing Turbulent Exchange over Sea Ice in Winter

Contributed by Cassandra Wheeler

Kelp gulls, Larus dominicanus (Aves: Laridae), breeding in Keller Peninsula, King George Island

Contributed by Erli Costa

The value of the world's ecosystem services and natural capital

Contributed by Gifford Wong



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.

The Good, the Bad, and the Unknown: How climate change is shaping Greenland's nation branding strategy

Contributed by: Andreea Zugravu

Light and Colour Design Challenges in Extreme Environments

Contributed by: Regina Peldszus

Stable states of an Ice-Ocean System using a Coupled Cell Model

Contributed by: Marc Mueller-Stoffel

Laser Optical Plankton Counter (LOPC) - a new approach in resolving questions about the Little Auks prey distribution on the West Spitsbergen Shelf

Contributed by: Emilia Trudnowska

Toxoplasma gondii in polar bears and their marine mammal prey: evidence for a marine transmission pathway?

Contributed by: Silje-Kristin Jensen

Laser Optical Plankton Counter (LOPC) - a new approach in resolving questions about the Little Auks prey distribution on the West Spitsbergen Shelf

Contributed by: Emilia Trudnowska



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 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>.

Joscelyn Bailey

Tosca Ballerini

Benjamin Beall

Punyasloke Bhadury

Matteo Cattadori

Erli Costa

Francisco Fernandoy

Gerlis Fugmann

Natalia Goryunova

Claudia Halsband-Lenk

Emily Jateff

Kim Jochum

Loic Jullion

Dubrava Kirievskaya

Elena Kortylo

Hugues Lantuit

Daniela Liggett

Natalia Malygina

Cameron McNaughton

Nathalie Morota

Dirk Notz

Layla Osman

Alexey Pavlov

Allen Pope

Angelika Renner

Alejandro Veliz Reyes

Torsten Sachs

Kate Sinclair

Ivan Sudakov

Matt Strzelecki

Chao Tang

Alexandra Taylor

Liz Thomas

Rosa Rut Thorisdottir

Tina Tin

Adrienne Tivy

Begoña Vendrell-Simón

Jose Xavier

Anna Wagner

Penelope Wagner

Pablo Wainstein

Carolyn Wegner

Cassie Wheeler

Gifford Wong

Jill Zamzow