



APECS November 2010 Newsletter

Although the current ExCom and Council have only been in our roles for a month, time seems to be flying past! Here in Cambridge, the weather is cooling off, the leaves are falling off the trees, and many researchers at the British Antarctic Survey are flying South to start their summer field season. The APECS leadership is settling down and getting more familiar with our roles - new content is continuously being added to our website, the Research Activities Committee held a poster session highlighting polar research in India, the IPY Education & Outreach assessment project is progressing nicely, and the Council just had its first full online meeting.

One particularly exciting APECS initiative I'd like to highlight is the career development webinar series. With packed virtual meeting rooms every time and topics ranging from polar acronyms to field work to scientific writing, these seminars have been very successful in teaching skills and raising discussions! So - make sure to sign up to the next one that gets advertised. And, if you missed one that sounded particularly interesting, recordings of the webinars will all be made available for later viewing on the APECS website.

The ExCom has been working hard to get down in a document what our priorities are for the coming year. Key to continuing the APECS vision will be developing our sustainable recruiting strategy, following through on a strategic plan to ensure the continued financial and institutional support of APECS activities, and continuing to effectively support and communicate with you - our members. The entire ExCom is looking forward to an in-person meeting in Cambridge, UK November where we will start making huge strides in moving these tasks forward. We'll let you know how it goes. As always, APECS is here to make all APECS members the best polar scientists we can be and the ExCom (excom@apecs.is) is always interested in listening to your suggestions for how to better make that happen.

Until then - Yours in Polar Research,

- Allen Pope, APECS President 2010-2011



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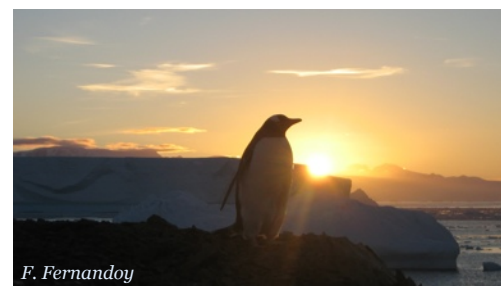
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APECS News & Updates

The UKPN at the IGS British Branch 2010



During the annual IGS British Branch meeting, held at Aberystwyth University by the Institute of Geography and Earth Science, the UKPN held a mentoring session for early career scientists concerning career paths and future employment. The session was held at the end of the first full day of the conference and was attended by over 45 delegates including Masters students, PhD

candidates, post-doctoral researchers and others in full-time employment.

The panel consisted of four leading scientists in cryospheric research; Dr Robert Bingham (University of Aberdeen), Dr Neil Ross (University of Edinburgh), Dr Nick Rutter (Northumbria University) and Maarten Krabbendam (British Geological Survey), all with various backgrounds and career paths.

<http://apecs.is/apecs-news/2159-ukpn-igs-british-2010>

Meet New Mentor from Russia

Contributed by Yulia Zaika



Dr. Vlasova Tatiana, leading researcher from Institute of Geography Russian Academy of Sciences, the member of Russian Geographical Society. Main interests: Arctic, sustainable development, climate change, biodiversity, socially-oriented observations, community-based monitoring, quality of life, human capital development. At present

Tatiana is nominated by the IPY ICSU/WMO Joint Committee as a member to the IPY Sub-Committee on Observations responsible for social directions of monitoring, is leader of the Integrated Arctic Socially-oriented Observation System (IASOS network) which is registered in Russian inventory to SAON network and member of the IPY PPS Arctic (151) Steering board. This project is under the leadership of Annika Hofgaard (Norway, NINA).

Welcome to APECS, Tatiana!

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

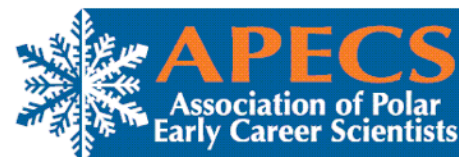
<http://apecs.is/features/2222-meet-new-mentor-from-russia>

APECS joins IASSA and SHARE in supporting early career social scientists

Contributed by Gerlis Fugmann



Representatives of the Association of Polar Early Career Scientists (APECS), the International Arctic Social Sciences Association (IASSA) and the Social Sciences and Humanities Antarctic Research Exchange (SHARE) have signed a memorandum of understanding to emphasize a joint commitment to the professional development of early career social science and humanities polar researchers.



The agreement will strengthen the commitment of each of the partner organizations to supporting the next generation of polar social science and humanities researchers in creating a continuum of leadership in polar research and will serve as a framework to guide future collaborations. Among others, the organizations agreed to collaborate on ensuring representation of early career social sciences researchers in all aspects of the respective organizations including business, strategy, planning, other meetings and activities and collaborative research. In addition, all parties agreed to increase the sharing of information in their organizational newsletters as well as the dissemination of information on activities, projects and requests for participation.

<http://apecs.is/features/2238-apecs-joins-iassa-and-share-in-supporting-early-career-social-scientists>

APECS News (cont.)

Giving Your Best Presentation Webinar Available

Contributed by José Xavier and Miriam Almeida

This video is part of the International Polar Year (IPY) Early Career Research Symposium held in Victoria, BC, Canada from 4-8 December 2009. The event was a career development workshop that brought together 100 international young Arctic and Antarctic researchers and mentors together for a series of career development training sessions to develop professional skill, work with senior mentors, and develop international and interdisciplinary collaborations. More information can be found at apecs.is/victoria2009

This webinar, given by Dave Carlson, Director of the IPY International Program Office *Communication 101: Giving your best presentation* is designed to help you use powerpoint and keynote to your advantage as well as give you the proper 'scope' in which to present your science is given by Dave Carlson, Director of the IPY International Programme Office.

<http://apecs.is/apecs-news/2176-giving-your-best-presentation>

Mentoring Workshop at the IPY Understanding Circumpolar Ecosystems in a Changing World Conference

Contributed by Alex Taylor

APECS and the University of Alberta's Circumpolar Students Association (CSA) are organizing a 1.5 hour lunch mentoring session to be held at the IPY Understanding Circumpolar Ecosystems in a Changing World Conference in Edmonton, Canada on November 4th.

The theme of the session will be "Polar Careers Post Graduation" and our mentors include Prof. Pat Webber, (Professor Emeritus of plant biology at Michigan State University and IASC Medal winner), Dr. John England (Professor in earth sciences and NSERC Northern Research Chair at University of Alberta), Dr. Anita Dey-Nuttall (Associate Director, Research Advancement, Canadian Circumpolar Institute at University of Alberta), Dr. Donald McLennan (National Monitoring Biologist for Parks Canada Agency) and Peggy Holroyd (Director, Arctic Energy Solutions, Pembina Institute).

All conference attendees are welcome!

<http://apecs.is/apecs-news/2245-mentoring-workshop-at-the-ipy-understanding-circumpolar-ecosystems-in-a-changing-world-conference>

Message from the Director

The R/V Lance – An Important Norwegian Marine Vessel

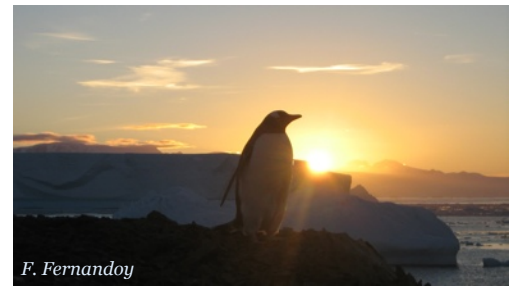
A few weeks ago I had the opportunity to meet up with two APECS Council members, Alexey Pavlov (Russia) and Ella Darlington (UK) after they returned from a cruise in the Arctic onboard the Norwegian ship, the R/V Lance. Alexey and Ella along with Paul Dodd gave me a nice tour of this old, but sturdy vessel, which perhaps some of you have been on.



"The Lance was launched in 1978 as a combined fishing and sealing vessel for arctic waters. At the time she proved too large and expensive to run, and her career as a fishing vessel was brief. Seeing Lance's potential for other tasks, the Norwegian Hydrographic Service acquired her in 1981, and she was rebuilt to meet requirements as a hydrographic survey vessel also suitable for research, expeditions and oil recovery purposes. She was rebuilt again in 1992 to meet requirements for research expeditions in the Antarctic and the Arctic. The Norwegian Hydrographic Service operated Lance until 1994, using her both as a survey vessel and as a research vessel for the Norwegian Polar Institute and other institutions. In 1994 she was handed over to the Norwegian Polar Institute. In the period 1995-2000 Lance also served as a coastguard vessel in the Barents Sea for parts of the year (hence the grey colour scheme in some pictures)." - from the Lance website, and to read more about this important vessel, visit <http://lance.npolar.no/en/>.

<http://www.apecs.is/leadership/international-directorate/a-great-norwegian-life/2251-rv-lance>





APECS News & Updates

Recording September VPS call - Health problem increase in the Arctic

Contributed by Kim Jochum



The first Virtual Poster Session call after our summer break took place on Thursday the 30th of September at 20 GMT. The call focussed on 'Health problem increase in the Arctic', including biological and social science posters. For anyone who missed the call and would like to listen to it, the link to listen to the recording is: <http://connect.canterbury.ac.nz/p88054030/>

[p88054030/](http://connect.canterbury.ac.nz/p88054030/)

Our three presenters are from Norway and Canada: Silje-Kristin Jensen, Jennifer Provencher, and Bryanny Denning.

<http://apecs.is/apecs-news/2155-recording-september-vps-call-health-problem-increase-in-the-arctic>

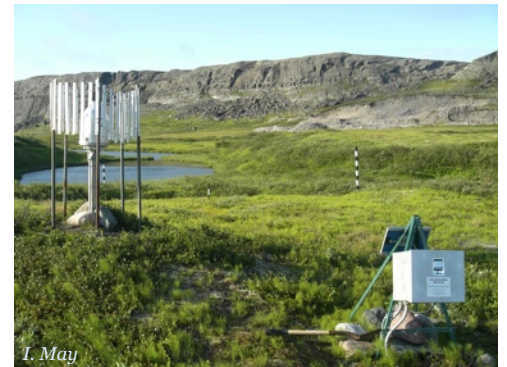


Research Sites Working Group

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 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





K. Timm



K. Timm



J. Rhemann

APECS News (cont).

Welcome to the new members of the 2010-2011 APECS Council

Contributed by Jenny Baeseman

It is our great pleasure to let you all know (on behalf of the ExCom) that we are welcoming five new members to the APECS Council for the 2010-2011 term. We are quite certain these wonderful young researchers will help us grow our organization as well as be great colleagues for all of you as you work on developing your own activities and initiatives within APECS.



Inga May is a PhD student in the Department of Geography at the University of Munich. She is studying permafrost changes in the Canadian Arctic using remote sensing.

Yulia Zaika works at the Khibiny Educational Station of the Geography Department of Lomonosov Moscow State University. Her areas of interest

include avalanches, snow, weather conditions, and social observations on the quality of life of people in the changing Arctic.



Sílvia Lourenço is a PhD Student at the Centro de Oceanografia/Laboratório Marítimo da Guia, Departamento de Biologia Animal, Universidade de Lisboa, Portugal and will be representing APECS Portugal.



Jenny Fisher, a PhD Student at Harvard University, and Julia Schmale from the Max Planck Institute for Chemistry in Mainz, Germany are sharing the role of Atmospheric Sciences Discipline Coordinator.



We are very happy to have these talented young researchers on board to help us shape our organization for the coming year. To read more about them, and the many other amazing APECS Council members, visit: <http://apecs.is/leadership/council/2010-2011>.



News from APECS Polska - first discussion panel and new promotional poster

Contributed by Matt Strzelecki

Welcome back after hopefully good field season.

In the name of APECS Polska I would like to share with some facts regarding our development.



Straight after amazing IPY OSC our group met in Poland and organised the first APECS Polska discussion panel which took place on 19.06.2010 during the XXXIII International Polar Symposium in Łódź. The discussion, which gathered not only the APECS Polska members and mentors, but also many other researchers attending the Symposium, was moderated by Małgorzata Korczak Abshire, the President of APECS Polska. Firstly, Matt Strzelecki introduced the international and Polish APECS. After the presentation the mentors - Piotr Głowacki Ph. D., Prof. Jacek Jania, Prof. Maria Olech and Prof. Jacek Siciński - were invited to give a talk on what kind of young researchers are needed in the Polish polar science.

<http://apecs.is/apecs-news/2169-news-from-apecs-polska>

APECS Information Meeting and Film Screening

Contributed by Emily Jateff

On 3 June 2010 at the Flinders University Central Library in Adelaide, Australia, 30 people attended an APECS information meeting and movie night.



This event was a 'first run' at pushing APECS on the Flinders campus. Event advertising was sent to all three Adelaide campuses (University of South Australia, University of Adelaide, Flinders University) but the remoteness of the Flinders campus really restricted this event to Flinders students (specifically those in the Archaeology and Screen and Media departments).

The event was a brief introduction to APECS by Emily Jateff, APECS' Polar Archeology Discipline Coordinator, followed by an introduction and screening of Ed Powell's polar film From Tall Grass to Tundra. Ed and his assistant Leila Serjevic answered questions following the screening.

<http://apecs.is/apecs-news/2175-apecs-information-meeting-and-film-screening>



APECS News (cont).

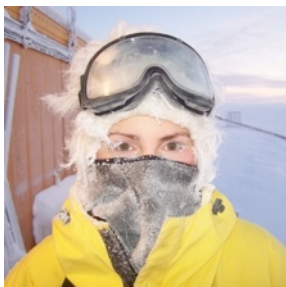
APECS Member Featured On UK Science Careers Website

Contributed by Allen Pope

Tamsin Gray, a former member of the UK Polar Network committee, has recently been featured on the UK science careers website FutureMorph (<http://www.futuremorph.org/>). This site is a great resource for people looking to see exactly what careers in the sciences can be - they might be research, but they might be a lot more!

Feel free to use FutureMorph and Tamsin's profile in future education & outreach events you may be planning.

<http://apecs.is/apecs-news/2185-apecs-member-featured-on-uk-science-careers-website>



APECS Panel during the II PAGES International Symposium at CECS (Valdivia, Chile)

Contributed by Francisco Fernandoy

After the successful experience in February, APECS-Chile and the Centro de Estudios Científicos (CECS) are again organizing a Discussion Panel with highly recognized scientists. The new Discussion Panel will take place along with the PAGES II International Symposium: "Reconstructing Climate Variations in South America and the Antarctic Peninsula over the last 2000 years". The APECS event will take place at the 30th starting at 14:00 local time. The panelist invited to discuss with the young researchers are:

- Margit Schwikowski: University of Bern, Head of the Laboratory of Radio and Environmental research group.
- Mathias Vuille: University at Albany, Department of Atmospheric and Environmental Sciences.
- Mariano Masiokas: Instituto Argentino de Nivología, Glaciología y Ciencias Ambientales (IANIGLA)
- Juan Carlos Aravena: Centro de Estudios del Cuaternario Fuego-Patagonia y Antártica (CEQUA)

<http://apecs.is/apecs-news/2236-apecs-panel-during-the-ii-pages-international-symposium-at-cecs-validivia-chile>

Report from APECS RUSSIA Career Development Workshop at XXIII International Coastal Conference

Contributed by Ivan Sudakov & Dubrava Kirievskaya

The report from the 1st APECS RUSSIA Career Development Workshop at XXIII International Coastal Conference in St. Petersburg is now available.

<http://apecs.is/apecs-news/2206-report-from-apecs-russia-career-development-workshop-at-xxiii-international-coastal-conference>

APECS Joins Arctic Frontiers

Contributed by Jenny Baeseman

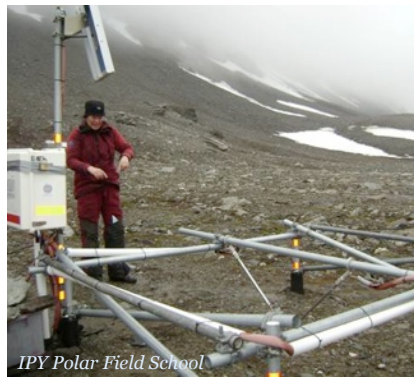


On Monday 5 October at Akvaplan-niva in Tromsø, Norway, the Association of Polar Early Career Scientists (APECS) signed a partnership agreement with Arctic Frontiers.

Both parties recognize the importance of bringing forward and establishing meeting places for young scientists. As part of this agreement, APECS will help to organize a pre-conference career development workshops, the Young Scientist Forum, coordinate outstanding presentation awards for young researchers, and help with a 'speed-dating' reception to help new polar researchers meet more established colleagues. APECS will also be invited to become a member of the Arctic Frontiers Advisory Board.

<http://apecs.is/apecs-news/2220-apecs-joins-arctic-frontiers>





Meetings & Workshops

Workshop for Permafrost Microbiology

8-10 November 2010

An international workshop to initiate the circumpolar integration of permafrost microbiological studies

On behalf of the organizing committee we are pleased to introduce the first workshop series on permafrost microbiology. MicroPerm aims at establishing a research network bringing together early career scientists with expert researchers in the field of permafrost microbiology. The workshop is meant to provide a forum for all scientists interested in permafrost microbiology and to work towards a project integrating results and methods relevant to that topic. Travel grants will be available for early career scientists.



Download the first circular at http://apecs.is/images/stories/files/first_circular_microperm.pdf

UK Polar Network Workshop - Polar Sedimentary Processes and Archives

18-19 November 2010



The UKPN and Loughborough University are pleased to announce the Polar Sedimentary Processes and Archives workshop as the latest in the 2010 series of UKPN career skills workshops.

Sedimentary archives are key indicators of past environmental change across a range of timescales. Coupled with an understanding of contemporary sediment processes, they make it possible to reconstruct terrestrial, cryospheric, atmospheric, marine, and lacustrine conditions, which are vital for accurate modelling of future scenarios for climate change.

We intend to appeal to early career researchers (MSc, PhD and post-doctoral researchers) working in polar, sub polar or alpine regions with an emphasis on sediments. The intention is to cover a range of sub-disciplines within the earth sciences including, glacial and periglacial sedimentology, limnology and palaeolimnology, hydrology, aeolian, marine and atmospheric sciences. This is not an exhaustive list and we welcome all polar researchers.

<http://apecs.is/apecs-news/1885-uk-polar-network-workshop-polar-sedimentary-processes-and-archives>

PRYN-APECS Workshop at AGU

Contributed by Kristin Timm

The Permafrost Young Researchers Network (PRYN) and the Association of Polar Early Career Scientists (APECS) propose to hold a one-day career development workshop on Sunday 12 December 2010, prior to the 2010 Fall American Geophysical Union (AGU) meeting in San Francisco, CA, USA.



This workshop will provide a great opportunity for young researchers working in the polar regions and the cryosphere to meet new colleagues and mentors, and develop skills not often taught during graduate education programs.

<http://apecs.is/features/1932-agu2010>

Arctic Frontiers 2011: Science section

23-29 January 2011

Arctic Frontiers (AFT) holds its 5th annual conference in Tromsø, Norway from 23-29 January 2011, with the title "Arctic Tipping Points".



The scientific section of AFT 2011 takes place from 26-28 January 2011, and is given the title:

"The Arctic in the Earth System perspective: the role of tipping points"

The scientific section is divided into 3 parts: 1. A joint and multi disciplinary first day with 10 invited speakers ending with a panel and plenum debate; 2. Four parallel sessions (included a poster session) on the second and third day; 3. A summary session ending with a plenum debate.

The parallel sessions address 4 connected, interwoven and interdisciplinary themes:

- Sea ice and oceanographic perspectives
- Marine ecosystems and fisheries
- Socioeconomic and institutional perspectives
- People of the North

Interested scientists are invited to submit abstracts to one of these four sessions for both oral and poster presentations.

For more information download the complete Call for Papers on the AFT homepage www.arcticfrontiers.com.



Meetings & Workshops

Young Scientist Forum: Arctic Tipping Points: Research as a Driver for Northern Development

23 January - 2 February 2011

Parallel to the Arctic Frontiers Conference 2011 and in direct connection with the oral presentations, the Association of Polar Early Career Scientists (APECS) and the ARCTOS PhD School (<http://www.arctosresearch.net>) will organize an international workshop for PhD students and postdoctoral researchers interested in research and development in the pan-Arctic region.

During the workshop (which will take place in Tromsø, on the coastal steamer Hurtigruten and in Svalbard, Lofoten) participants will work in groups on given subjects related to the topics of the Arctic Frontiers Conference: "Arctic Tipping Points" (<http://www.arctic-frontiers.com>). Senior scientists from the ARCTOS PhD School, as well as invited speakers from the conference will be present to ensure a good dialogue and progress in the discussions.

<http://apecs.is/events/details/255-young-scientist-forum-2011>

Jokkmokk Winter Conference on Sustainable Development

31 January - 3 February 2011

Register now for Jokkmokk Winter Conference "Pathways to Sustainable Northern Communities - Regional Empowerment for Change"

Jokkmokk Winter Conference is an annual International Climate Forum at the Arctic Circle in Sweden for Students, Early Career Professionals, Environmentalists and Decision Makers. The conference aims at providing up to date information about climate change and at supporting Early Career Professionals, Young Entrepreneurs and Environmentalists to establish relationships with policy makers and sustainable development professionals.

Main issues 2011

- Local food production and eco-tourism - ideal ways to sustainable development in the North?
- Energy efficiency and local renewable energy production to achieve energy autonomy
- Sustainable development, democracy and power



Why should you take part?

- Meet inspiring speaker like Ken Melamed, mayor of Whistler and learn how to make the Olympic Games more sustainable
- Learn about climate change and solutions for a sustainable development
- Present your own activities during the conference and establish new contacts!
- Make new friends and explore the traditional Sámi Winter Market!
- Meet decision makers and make them aware of your demand, questions and requirements!

Programme and more information at:
<http://www.winterconference.se>

Arctic Science Summit Week 2011

28 March - 1 April 2011

State of Glaciers and Permafrost and Associated Feedbacks to the Climate System

Abstract Submission Deadline: 15 December 2010



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.

Organizers of the session "State of Glaciers and Permafrost and Associated Feedbacks to the Climate System" invite contributions to all kind of glacier and permafrost research.

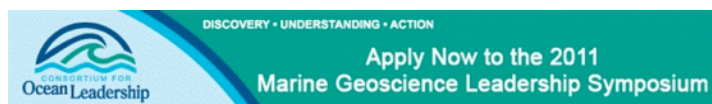
For further information, please visit the website: <http://www.assw2011.org>



Meetings & Workshops

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>

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>

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

25-29 June 2012

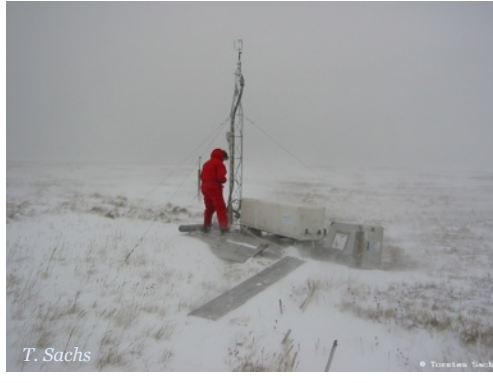
Help us shape the conference by registering your interest at: <http://bit.ly/TIPCOP>

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. 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>

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>.



Partner News & Announcements

IASC Newsletter - Fall 2010

Contributed by Allen Pope

The newest newsletter from APECS partner IASC is now available. This Fall 2010 Progress edition covers:

- The Arctic Science Summit Week (ASSW) 2011 in Seoul
- IPY 2012 Montreal: From Knowledge to Action
- The State of the Arctic Coast Report
- Polar Information Commons
- ... and more.



http://apecs.is/images/stories/files/iasc_progress_fall_edition_2010.pdf

UKPN Contributes to National Training Report

Contributed by Allen Pope



UK Polar Network (<http://www.polarnetwork.org>) Committee provided feedback for a UK Natural Environment Research Council-led report regarding what skills are most wanted for post-graduates to be effective and successful in the UK environment sector. It is reassuring to see a larger body reaffirm the needs which the APECS and the UKPN have identified, including training in fieldwork and science communication.

<http://apecs.is/apecs-news/2179-ukpn-contributes-to-national-training-report>

New AGU Career Center Offers Interactive Features for Employers and Job Seekers

Contributed by Jenny Baeseman

The American Geophysical Union (AGU) Career Center is a home for employment resources in the Earth and space science arena. New interactive features enable employers and job seekers alike to browse, post content, and create search agents targeted to their needs.



Job seekers will like the ability to upload their resumes and keep them "on file" so they can transfer them instantly to employers/advertisers, thus saving time and adding efficiency to the active job application process.

Employers can now post ads that will be instantly accessible, and have options to highlight jobs and purchase display banner ads. They can also track online activity to monitor the effectiveness of their advertisements. Another feature allows employers to browse resumes and receive notifications when resumes matching defined criteria are posted.

Visit the new AGU Career Center today (<http://careers.agu.org/>)!

The images in this issue of the newsletter are contributed by APECS members and chronicle many of the events and people of APECS. The images show the range of APECS and our members – from the research sites at both poles, to the IPY Open Science Conference and SCAR Science Conference, to the IPY Field School.

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.



Partner News (cont.)

Roll out of the 2010 Arctic Reportcard

Contributed by Allen Pope

The 2010 Arctic Reportcard has just been released at <http://www.arctic.noaa.gov/reportcard/>.

Of particular interest this year is a short video! Highlights are:

- Four years of record minimum sea ice extents
- Record temperatures and ice loss in Greenland
- Strong links between the Arctic and mid-latitude weather in winter 2009-2010

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
Suhas Shetye
Matt Strzelecki
Alexandra Taylor
Rosa Rut Thorisdottir
Begoña Vendrell-Simón
Anna Wagner
Penelope Wagner
Mariette Wheeler
Yukia Zaika

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>).

The most recent webinar

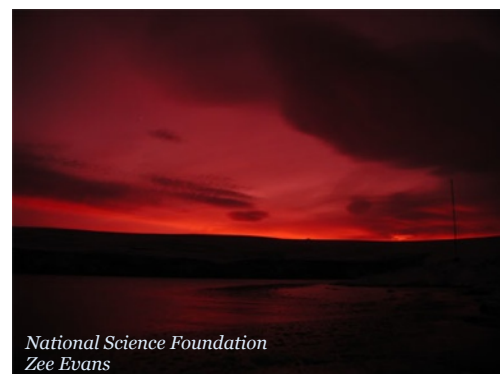
Intro to Polar Research Organizations, major projects and acronyms

--- Dr. Hugues Lantuit, International Permafrost Association and Alfred Wegener Institute



This webinar gives an overview of the different players involved with polar research, the different types of research that is being conducted in polar regions, and the key acronyms decoded.

<http://www.apecs.is/webinars/2177-introduction-to-polar-research-webinar>



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.

Análise Espacial Integrada da Vegetação e Radiação Solar em Stranger Point, Península Potter, Antártica Marítima

Contributed by: Everton Luís Poelking

Mapa Topográfico da Península Potter e ASPA N° 132

Contributed by: Everton Luís Poelking

Geoprocessing Techniques Applied to Vegetation Mapping of Ice-Free Area of Hope Bay, Antarctic Peninsula

Contributed by: André Medeiros de Andrade

Changes in the gastrointestinal microbiota during fasting in penguins

Contributed by: Meagan Dewar

Combined spatial interpolation to generate an accurate DEM of Larsemann Hills

Contributed by: S. D. Jawak

Lithogenic input to the Indian sector of Southern Ocean and its climatic linkages

Contributed by: M. C. Manoj

Subglacial Lakes of Antarctica

Contributed by: Mukul Gupta

India's Initiatives in the Antarctic and Arctic

Contributed by: National Centre for Antarctic & Ocean Research

Optimization of cold-adapted amylase and proteases production from newly *Streptomyces*4 Alga

Contributed by: Mihaela Cotariet

Use of Antarctic Oscillation to evaluate South American Wind Patterns

Contributed by: Nilo José do Nascimento Franco

The Museu Nacional/UFRJ in Antarctica and its fossil vertebrates

Contributed by: Tiago Rodrigues Simões

Some Aspects of the breeding biology of Antarctic tern *Sterna vittata* at Punta Crepin, King George Island

Contributed by: Raul Sanchez



The Virtual Poster Session is sponsored by:

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





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.

Interdepartmental Postdoctoral Fellowship in Geosciences

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

Arctic Science Fellowship

National Resources Defense Council, Washington, D.C., U.S.A.
Posted by: Jenny Fisher

Bateman Postdoctoral Fellowships in Geosciences

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

Human-Environment Geography Tenure Track Position

University of Connecticut, Storrs, Connecticut, U.S.A.
Posted by: Jenny Fisher

Assistant Professor position in Climate Science/Global Change

Claremont McKenna, Pitzer, and Scripps Colleges, Claremont, California, U.S.A.
Posted by: Jenny Fisher

Postdoc in Climate Sciences

Lawrence Berkeley National Laboratory, Berkeley, California, U.S.A.
Posted by: Jenny Fisher

Project Scientist in Climate Sciences

Lawrence Berkeley National Laboratory, Berkeley, California, U.S.A.
Posted by: Jenny Fisher

Electrical Services Technician

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

Facilities Engineer

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

Marine Engineer

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

Electronics Technician

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

Project Manager

Polar Field Services, Inc., Barrow, Alaska, U.S.A.
Posted by: Silje-Kristin Jensen

PhD-candidate Tundra vegetation patterns

Natural Sciences, Wageningen UR, Wageningen, The Netherlands
Posted by: Silje-Kristin Jensen

Two research scientists, one senior scientist Global and Regional Climate Projections

Bjerknes Centre, Bergen, Norway
Posted by: Silje-Kristin Jensen

Assistant Professor in Climate Modeling

University of Southern California, Los Angeles, California, U.S.A.
Posted by: Jenny Fisher

Post-doc in ice-ocean data assimilation

Environment Canada, Dorval, Québec, Canada
Posted by: Jenny Fisher

Faculty Position in Atmospheric Sciences

University of Washington, Seattle, Washington, U.S.A.
Posted by: Jenny Fisher

Senior University Lecturer in Population Modelling in the field of wildlife and fish

Faculty of Forest Sciences, Swedish University of Agricultural Sciences, Umeå, Sweden
Posted by: Mariette Wheeler

Professor in Wildlife Ecology

Faculty of Forest Sciences, Swedish University of Agricultural Sciences, Umeå, Sweden
Posted by: Mariette Wheeler

Senior University Lecturer in Wildlife Ecology in the population ecology of ungulates

Faculty of Forest Sciences, Swedish University of Agricultural Sciences, Umeå, Sweden
Posted by: Mariette Wheeler



Jobs (cont.)

Senior University Lecturer in Wildlife Ecology In herbivorous mammals, climate and environment

Faculty of Forest Sciences, Swedish University of Agricultural Sciences, Umeå, Sweden
Posted by: Mariette Wheeler

Senior University Lecturer in Natural Resource Management in wildlife and fish with an emphasis on social science

Faculty of Forest Sciences, Swedish University of Agricultural Sciences, Umeå, Sweden
Posted by: Mariette Wheeler

Postdoctoral Position in Wildlife Ecology specializing in the relationships between wildlife, forest and food generating measures

Faculty of Forest Sciences, Swedish University of Agricultural Sciences, Umeå, Sweden
Posted by: Mariette Wheeler

Aquarium and General Laboratory Assistant

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

Assistant / Associate Professor of Alaska Native Languages

University of Alaska Southeast, Juneau, Alaska, U.S.A.
Posted by: Mare Pitt

PhD Position: Thermochronology, Tectonics, and Surface Processes

University of Tübingen, Tübingen, Germany
Posted by: Francisco Fernandez

Coupled Biogeochemical-Physical Modelling (EUROBASIN project)

Institute of Marine Sciences, Middle East Technical University, Ankara, Turkey
Posted by: Bego Vendrell

Participation in expedition to the Antarctic Feb 2012

Multi-institutional expedition, departs from Ushuaia, Argentina
Posted by: Bego Vendrell

Ocean biogeochemistry specialist

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

Assistant Professor in Climate Science

Northern Arizona University, Flagstaff, Arizona, U.S.A.
Posted by: Jenny Fisher

Post-doc on Global Aerosol-Climate Interactions

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

Postdoc: Antarctic Oceanographic Physical-Biological Interactions

Old Dominion University, Norfolk, Virginia, U.S.A.
Posted by: Mike Dinniman

PhD Student - Ice Sheet Modeling

Institute for Marine and Atmospheric Research Utrecht, Utrecht, The Netherlands
Posted by: Allen Pope

2011 Roberto Rocca Fellowships

Posted by: Allen Pope

Post Doctoral Fellow - glacier mass balance

University of Alaska Fairbanks, Fairbanks, Alaska, U.S.A.
Posted by: Silje-Kristin Jensen

PhD in Atmospheric sciences and Oceanography

Stockholm University, Stockholm, Sweden
Posted by: Silje-Kristin Jensen

Postdoctoral Candidate Ice Sheet System Model

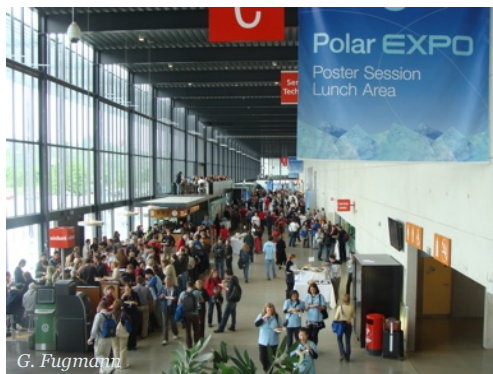
California Institute of Technology, Pasadena, California, U.S.A.
Posted by: Silje-Kristin Jensen

Ph.D Opportunity: X-sense - Monitoring Alpine Mass Movements at Multiple Scales

ETH Zurich, Zurich, Switzerland
Posted by: Francisco Fernandez

Lecturer in Climate/Atmospheric Physics

University of Canterbury, Canterbury, New Zealand
Posted by: Francisco Fernandez



New Members

This month we had 72 new members from 18 countries. Welcome to APECS and we look forward to working with you to shape the future of polar research.

Heather Adams – Postdoctoral Researcher – Ecology United States

Kumar Avinash – Research Scientist – Geology India

Cristiane Caetano – Undergraduate – Marine & Freshwater Biology Brazil

Chun-wei Chiu – Doctoral Student – Hydrology United States

Priscila Cunha – Undergraduate Brazil

Ashlee Cunsolo Willox – Doctoral Student – Social Sciences Canada

Michelle Curry – Undergraduate – Meteorology & Atmospheric Sciences Canada

Emily Davenport – Environmental Science United States

Jordan Davies – Masters Student – Geosciences United Kingdom

Laura De Santis – Research Scientist – Geosciences Italy

Rossana Del Vecchio – Research Scientist – Environmental Science United States

Ambroise Dufour – Undergraduate – Geosciences France

Hronn Egilsdottir – Doctoral Student – Marine & Freshwater Biology Iceland

William Eucker – Doctoral Student United Kingdom

Mar Fernandez Mendez – Masters Student – Ecology Germany

Brandon Fisel – Masters Student – Meteorology & Atmospheric Sciences United States

Mira Furgoch – Undergraduate – Zoology Canada

Sahina Gazi – Masters Student India

Maria-Victoria Gunnarsdottir – Doctoral Student – Fisheries Norway

Hanna Hassberg – Undergraduate – Geosciences Sweden

Laura Herraiz Borreguero – Postdoctoral Researcher – Oceanography Australia

Elin Jantze – Doctoral Student – Geosciences Sweden

Nilo José do Nascimento Franco – Research Scientist – Meteorology & Atmospheric Sciences Brazil

Karima Kerkar – Masters Student – Microbiology India

Sergey Kostygov – Doctoral Student Russia

Angelina Kraft – Doctoral Student – Environmental Science Germany

Louisa Kramer – Faculty – Meteorology & Atmospheric Sciences United States

James Lea – Doctoral Student – Cryology & Glaciology United Kingdom

Pierre-Marie Lefevre – Masters Student – Cryology & Glaciology United Kingdom

Thomas Linkowski – Undergraduate – Oceanography France

Cecilia Lundquist – Doctoral Student – Meteorology & Atmospheric Sciences Sweden



S. Jawak



R. Cutting



R. Cutting

New Members

Eric Lutz – Postdoctoral Researcher
– Cryology & Glaciology United States

Amelia Marks – Doctoral Student
– Geosciences United Kingdom

Ellyn McFadden – Doctoral Student
– Geology United States

André Medeiros de Andrade – Masters Student
– Agriculture, Soil Sciences Brazil

Benjamin Merkel – Masters Student
– Marine & Freshwater Biology Norway

Nick Meyer – Geosciences United States

Ernest Midega – Research Scientist
– Human & Public Health Kenya

Catrin Mills – Doctoral Student
– Meteorology & Atmospheric Sciences United States

Sarah Nebel – Masters Student
– Marine & Freshwater Biology Iceland

Pablo Negrete – Environmental Science Chile

Anastasia Novikova – Doctoral Student
– Ecology Russia

Olalekan Oladele – Masters Student
– Engineering Nigeria

Fabiola Peña – Masters Student
– Environmental Science Chile

Hélène Prouillet-Leplat – Doctoral Student
– Ecology Sweden

Roald Ramsdal – Masters Student
– Political Sciences Norway

Luís Guilherme Resende de Assis – Doctoral Student
– Anthropology Brazil

Glenn Rowland – Postdoctoral Researcher United States

Astrid Schnetzer – Research Scientist
– Oceanography United States

Mark Shields – Postdoctoral Researcher
– Marine & Freshwater Biology United Kingdom

Sunil Shukla – Research Scientist
– Geosciences India

Hanne Beate Skattoer – Masters Student
– Oceanography Norway

Nathalia Souza – Undergraduate Brazil

Priyeshu Srivastava – Doctoral Student
– Geology India

K. V. Sruthi – Masters Student
– Oceanography India

Scott Stephenson – Doctoral Student
– Geosciences United States

Hannah Strauss – Doctoral Student
– Social Sciences Finland

Patricia Sugui – Masters Student
– Engineering United States

Tobias Tan – Undergraduate
– Environmental Science Canada

Guilherme Teles – Undergraduate
– Geology Brazil

Natalie Thompson – Masters Student United Kingdom

Emily Tissier – Masters Student
– Ecology Canada

Nathalia Vieira – Undergraduate
– Paleontology Brazil

Ute Vogel – International Relations Norway