



Shaping the Future of Polar Research



APECS August 2010 Newsletter

Welcome to the August edition of our newsletter! We are midst of creating listservs for various research areas to share information about new developments ranging from DNA isolation techniques to how new changes in national and international polar-related laws will affect our research. So check out our new Terrestrial Biology, Climate, and Polar Heritage listservs! A successful interdisciplinary and international IPY field school was held in Svalbard, an APECS Panel is organized at the SCAR Open Science Conference in Buenos Aires and there are many more events going on which you will find in this newsletter!



If you want to get involved yourself in APECS, elections for the APECS Executive Committee will be held in September and all interested members can send in their application until September 10.

- Gerlis Fugmann, APECS President 2009-2010

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- *Arctic Science Week 2011*
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APECS News & Updates

APECS at ESOF 2010: our contribution to future European Research

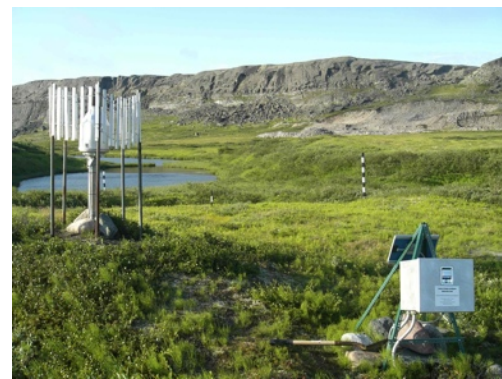
Contributed by José Xavier

APECS was nicely represented at the European Science Open Forum 2010 (ESOF, <http://www.esof2010.org/>), which took place between 2-7 July 2010 and got together some of the best European science, the media, politicians and researchers from all fields to discuss the status of European science and their future challenges. From the

days we were there, our impression was that most of the attendees were at the start of their careers or close to the finish of their careers, with a noticeable lack of 30-50 year olds. One of goals of this forum was to stimulate world class discussions on hot science topics in an hand-on way.



<http://apecs.is/apecs-news/1847-apecs-at-esof-2010-our-contribution-to-future-european-research>



APECS News (cont).

Another Successful Interdisciplinary and International IPY Field School

Contributed by Graham Simpkins and Sean Buchanan



25 international students from 13 different countries and a range of scientific backgrounds adventured in the Arctic. The focus of the field school was on environmental and climatic change in the Arctic, with particular emphasis on how the IPY 2007-2009 has furthered our understanding. The trials

and tribulations of the students have been expressed in their blog (http://www.unis.no/20_RESEARCH/2070_IPY/Field_school_blog_2010.htm). The Field School was sponsored by the Norwegian Ministry of Foreign Affairs, the University of the Arctic, UNIS, and APECS.

<http://apecs.is/apecs-news/1857-ipy-fieldschool-2010>

Jennifer Rhemann and Bryany Denning join the APECS Council

Contributed by Gerlis Fugmann

We are happy to welcome two new members to the APECS Council!

Jennifer Rhemann is an M.A. candidate in Polar Law at the University of Akureyri in Iceland. She will also be the new Discipline Coordinator for Polar Law and Policy in the APECS Research Activities Committee. Her research interests include the science-policy interface, governance of the Polar Regions, and implementation of policy. She's fascinated by the polar regions and is thrilled to be a member of APECS.



Bryany Denning is a Public Health Officer for the Public Health Agency of Canada at the Institute for Circumpolar Health Research in Yellowknife, Canada. She will also be the new Discipline Coordinator for Polar Health in the RAC. She aims to collaborate with other young polar researchers from the circumpolar regions in order to help mitigate the effects of the changing north and improve the health of northern residents.

Read more about Jennifer and Bryany on the APECS website:

<http://apecs.is/apecs-news/1848-jennifer-rhemann-and-bryany-denning-join-the-apecs-council>

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>.

Joscelyn Bailey
Tosca Ballerini
Benjamin Beall
Punyasloke Bhadury
Matteo Cattadori
Erli Costa
Bryany Denning
Francisco Fernandez
Gerlis Fugmann
Natalia Goryunova
Claudia Halsband-Lenk
Emily Jateff
Silje-Kristin Jensen
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
Jennifer Rhemann
Alejandro Veliz Reyes
Torsten Sachs
Kate Sinclair
Ivan Sudakov
Matt Strzelecki
Alexandra Taylor
Liz Thomas
Rosa Rut Thorisdottir
Tina Tin
Adrienne Tivy
Begoña Vendrell-Simón
Jose Xavier
Anna Wagner
Penelope Wagner
Pablo Wainstein
Carolyn Wegner



APECS News (cont).

Join the APECS Terrestrial Biology Research Group

Contributed by Jenny Baeseman



The APECS Research Activities Committee has just created a Terrestrial Biology Listserve!

This listserv will provide a great platform to connect to the rest of the world's young researchers in the terrestrial biology field, including plants, animals, nutrient cycling and microbial processes. The group will focus on exchange and discussions of relevant topics and papers, and in the long-term will form a community that can strengthen world wide knowledge and

exchange of key information relating to Arctic and Antarctic terrestrial research interests. If you are interested in participating in these discussions, please contact info@apecs.is in order to be added to the list.

We are also looking for a new APECS Research Group Coordinator for the Terrestrial Biology Area. If you are interested in getting more involved in APECS and this is your field, please check out the Research Activities Website (<http://apecs.is/research-activities-committee>) or contact Loic Jullion (l.jullion@noc.soton.ac.uk).

<http://apecs.is/apecs-news/1868-join-terrestrial-biology>

Nominations Now Open for the 2010-2011 APECS Executive Committee

Contributed by Daniela Liggett

In September we will have APECS Executive Committee elections for the 2010-2011 term.

APECS is now an internationally respected association and is recognized as one of the major legacies of the 4th International Polar Year. This was achieved through the excellent and hard work of our Director and our great members, particularly those of the APECS Executive Committee and APECS Council. To maintain this high level of success, and bring new visions and ideas to APECS, it is truly important for you to be active in this election.

Now YOU get the chance to influence the future of polar research!

<http://www.apecs.is/features/1860-2010-2011-excom-nominations>

SEPTEMBER 2010						
SUN	MON	TUES	WED	THURS	FRI	SAT
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12	13	14				18
19	20	21	22	23	24	25
26	27	28	29	30		

Apply for APECS ExCom

IPY Education and Outreach Lessons Project Assistant Hired

Contributed by Jenny Baeseman

As you may be aware, the International Council for Science (ICSU) awarded a small grant to APECS, the Scientific Committee on Antarctic Research (SCAR), the International Arctic Science Committee (IASC), and the IPY International Programme Office. The purpose of this grant was to conduct an inventory and begin planning for a general assessment, from an international viewpoint, of Education, Outreach and Communication (EOC) strategies, programmes, and networks active during IPY.



We are pleased to announce that we have hired Jennifer Provencher from Victoria, BC, Canada as our project assistant.

<http://apecs.is/apecs-news/1880-ipy-education-and-outreach-lessons-project-assistant-hired>

Join the Polar Heritage Research Group

Contributed by Emily Jateff



APECS has created a listerv that anyone can join that will provide a forum for discussion of polar heritage news, field and archival results or questions, publication and future research. This list caters to those experienced in polar research, just getting into the field or thinking of trying it out. Archaeologists, conservators and other heritage professionals welcome!

If you would like to join this group, please contact info@apecs.is with the name of the group in the subject line.

If you are interested in learning more about this field, please contact Emily Jateff, the APECS Archaeology Research Coordinator.

<http://apecs.is/apecs-news/1876-join-the-polar-heritage-research-group>

APECS News (cont.)

Speed Dating With Politicians...

Contributed by Graham Simpkins and Inger Haugsjerd

As part of the second IPY Polar Field School held in Svalbard this past June, the 25 international students were fortunate enough to interact with 17 politicians and advisors from the Nordic Council (Nordisk Råd), who were in Spitsbergen to learn about Arctic research first-hand.



The event was coordinated by APECS, the University of the Arctic and UNIS and in traditional APECS fashion, 'speed dating' was adopted as the means of initiating communication (with libations mixed in for good measure). Each "speed-date" consisted of two attendees of the field school and two politicians or advisors. They spoke for five minutes at a time before moving on in a musical chairs like manner.

<http://apecs.is/apecs-news/1845-speed-dating-with-politicians>

Join the APECS Climate Research Group

Contributed by Jenny Baeseman

The APECS Research Activities Committee has just created a Climate Research Listserve, where researchers in climate, atmospheric, terrestrial and marine sciences, as well as mathematics, physics, astronomy and all fields in-between are invited to join our online working group. It is generally accepted in the scientific community that the world is undergoing a significant change in its climate. Models play a central role in understanding climate change research. One of the main goals of this listserv is to discuss some of the central ideas and techniques of mathematical climate science. We will discuss issues related to paleoclimatology, astronomy, solar-terrestrial relationships and the collection of experimental, observational, in-situ, and remote sensing data of the polar climate system.

If you would like to join this group, please contact info@apecs.is with the name of the group in the subject line. To send something to the group email: climate@apecs.is.

<http://apecs.is/apecs-news/1883-join-the-apecs-climate-research-group>

Message from the Director

Baesemans Invade Norway - A Great Place to Vacation

After the great success of the IPY Oslo Science Conference (<http://ipy-osc.no/>), I was able to join the 2nd IPY Polar Field School at UNIS (http://www.unis.no/20_RESEARCH/2070_IPY/Field_school_blog_2010.htm) for a few days. What a wonderful programme - be sure to check out their blogs and photos. After Svalbard, I headed to the European Science Open Forum (<http://www.esof2010.org/>) in Torino, Italy to be on a panel organized by José Xavier showcasing how young researchers can impact international science. Then it was time for a vacation!

Even though I have been here in Norway for 1.5 years, I haven't been able to explore as much of it as I wanted to... but thankfully my brother and sister came for a visit all the way from my family's dairy farm in Central Wisconsin, USA. They spent a great week here and we packed in as much as we could. From a day in Oslo, we took an amazingly beautiful train ride to Bergen and then flew up to the "Paris of the North" for a day in Tromsø, the home of the APECS International Directorate Office. From there we headed down to what every one has told me is the most beautiful place in Norway - the Lofoten Islands. Everyone was right - Lofoten is absolutely amazing!



"Lofoten is an archipelago north of the Arctic Circle on the west coast of Norway. The total land area amounts to 1,227 square kilometres. Due to the warm Gulf Stream, Lofoten has a much milder climate than other parts of the world at the same latitude, such as Alaska and Greenland. The coastal climate in Lofoten makes the winters mild and the summers relatively cool. The first people came to Lofoten about 6,000 years ago. Lofoten's Stone Age inhabitants survived on fishing and hunting in an area which provided good living. All of Lofoten was covered by large pine and birch woods at that time. There were deer, bear, wild reindeer, lynx and beaver, and the sea was full of fish, seals and whales.

Agriculture developed early, and grain was harvested in Lofoten as early as 4,000 years ago. The Viking Era saw the emergence of several large chieftain seats and has created a very rich history that we were able to see at the the Lofotr Viking Museum at Borg." (modified from <http://www.lofoten.info/>)

Lofoten is one of the most plentiful fisheries in Norway and the stockfish drying racks can be seen in many parts of the islands.

If you are looking for a great place to relax, go for a great hike, join one of the best whale watching tours in the world, and learn about the fascinating Norwegian culture - I highly recommend Lofoten... which is also the home of the first APECS President, Kriss Rokkan-Iversen. They also have a school where you can learn how to take a nap... well its actually called Knapp Skole and its not really for teaching people how to take a nap, but they do learn how to 'count' sheep :)

For more information on Lofoten, visit <http://www.lofoten.info/>

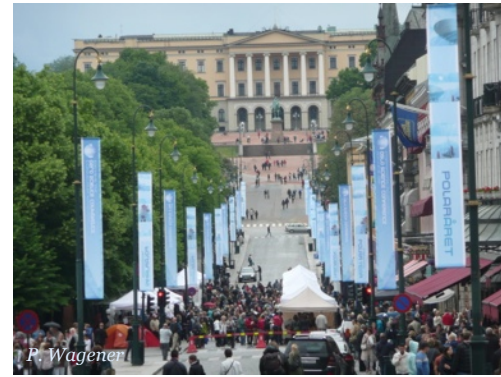




X. Yuan



D. Liggett



P. Wagener

New Members

This month we had 59 new members from 16 countries. Welcome to APECS and we look forward to working with you to shape the future of polar research.

Thayane Oackes - Undergraduate - Biodiversity	Brazil	Helena Villela - Undergraduate - Microbiology	Brazil
Julian Kinzel - Masters Student - Meteorology & Atmospheric Sciences	Germany	Hugo Jesus - Masters Student - Microbiology	Brazil
Corinne Griffing - Masters Student - Geosciences	United States	Juliano Cury - Postdoctoral Researcher - Microbiology	Brazil
Anna Birgitta Ledang - Oceanography	Norway	Marie-France Gévry - Ecology	Canada
Fernanda Jardon - Doctoral Student - Oceanography	France	Jodi Gustafson - Undergraduate - Environmental Science	Canada
Thomas Hollands - Doctoral Student - Environmental Science	Germany	Andrei Dragoiu - Masters Student - Engineering	Romania
Camila Signori - Doctoral Student - Oceanography	Brazil	Madalina Bonta - Undergraduate - Geosciences	Germany
Steffen Weber - International Relations	Belgium	Christiane Graef - Doctoral Student - Microbiology	Norway
Jacob Kasper - Research Scientist - Marine & Freshwater Biology	Iceland	Lee Stanish - Doctoral Student - Ecology	United States
Anita Pinto - Teacher	Brazil	Heidi Sevestre - Masters Student - Geosciences	France
Eythor Gudlaugsson - Masters Student - Engineering	Spain	Andrea Martínez - Undergraduate - Marine & Freshwater Biology	Chile
Viviane Bernardes dos Santos - Undergraduate - Ecology	Brazil	Angie Díaz - Doctoral Student - Ecology	Chile
Alessa Geiger - Doctoral Student - Geosciences	United Kingdom	Laura Mainoli - Masters Student - Engineering	United Kingdom
Ronnie Reyes-Arriagada - Research Scientist - Ecology	Chile	Peter Peterson - Doctoral Student - Geosciences	United States
Jodi Gustafson - Undergraduate	Canada	Cordula Teschner - Masters Student - Geosciences	Germany
Jennifer Karnik - Masters Student - Marine & Freshwater Biology	New Zealand	Trine Kvist-Lassen - Undergraduate - Geology	Denmark
		Sarah Bouckoms - Masters Student	New Zealand



New Members

Tracey Loewen - Doctoral Student
- Fisheries

Canada

Heather Gordon - Doctoral Student
- Social Sciences

United States

Laura Hobbs
- Marine & Freshwater Biology

United Kingdom

François Fripiat - Postdoctoral
Researcher
- Oceanography

Belgium

Kenna Wilkie - Doctoral Student
- Geosciences

United States

Gabriela Cataldo Martins Sardenberg -
Undergraduate
- Zoology

Brazil

Lisa Leclerc - Masters Student
- Ecology

Norway

Kurt Joy - Doctoral Student
- Geosciences

New Zealand

Enis Gharbi
- Engineering

France

Alex Onaca - Doctoral Student
- Geosciences

Romania

Inger Haugsgjerd - Masters Student
- Environmental Science

Norway

Mia Wege - Masters Student
- Zoology

South Africa

Jack Palmer

United Kingdom

Adrienne White - Masters Student
- Cryology / Glaciology

Canada

Rebeca Zapata Guardiola - Doctoral
Student
- Zoology

Spain

Mattias Cape - Doctoral Student
- Oceanography

United States

Gayla Weeks - Undergraduate
- Ecology

Canada

Marga Garcia - Postdoctoral Researcher
- Geosciences

United Kingdom

Maité Lacarra - Doctoral Student
- Geosciences

France

Coleen Suckling - Doctoral Student
- Marine & Freshwater Biology

United Kingdom

Ingrid Myrnes Hansen - Undergraduate
- Marine & Freshwater Biology

Norway

Tomasz Brańka - Postdoctoral
Researcher
- Political Sciences

Poland

Janin Schaffer - Undergraduate
- Meteorology & Atmospheric Sciences

Germany

Beth Aveyard
- Geology

United Kingdom

Sarah-Anne Nicholson - Masters
Student
- Oceanography

South Africa

Maria Ingimarsdottir - Doctoral Student
- Ecology

Iceland





J. Rehmman



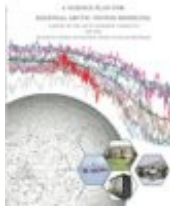
K. Timm



K. Timm

Partner News & Announcements

A Science Plan for Regional Arctic System Modeling



The Arctic is experiencing changes never before seen in historic times. The physical, chemical, biological, and social components of the Arctic System are interrelated, and therefore a holistic perspective is needed to understand and quantify their connections and predict future system changes. A regional Arctic System Model (ASM) will strengthen our understanding of these components. It will advance scientific investigations and provide a framework for

improving predictive capabilities, thereby helping society to prepare for environmental change and its impacts on humans, ecosystems, and the global climate system. It will be a vehicle for harnessing the resources of the many sub-disciplines of arctic research for the benefit of planners and policymakers.

Download the report at: <http://www.iarc.uaf.edu/publications/reports/IARCTP10-0001.pdf>

ICSU Insight: July 2010 Newsletter

Contributed by Jenny Baeseman

In order to strengthen international science for the benefit of society, the International Council for Science (ICSU) (<http://www.icsu.org/>) mobilizes the knowledge and resources of the international science community through a number of strategic ways. They were co-sponsors of the IPY together with the World Meteorological Organization (WMO). Their latest newsletter is now available.

Newsletter, July 2010, vol 8, n°2

Highlights:

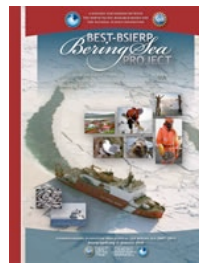
Science conference marks end of International Polar Year, Strategic Planning, Planning and Coordinating Research, Science for Policy, Universality of Science, ICSU in the Regions, ICSU Governance and Policies, National and Union Members, News from the Secretariat

Download the ICSU newsletter: http://www.icsu.org/Gestion/img/ICSU_DOC_DOWNLOAD/3356_DD_FILE_vol8_num2.pdf



The Bering Sea Project - New Website Available

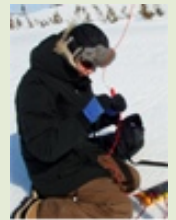
Contributed by Jenny Baeseman



Scientists, educators, students, and anyone interested in arctic research can follow along with researchers at sea aboard the Research Vessel *Thomas G. Thompson* through Wednesday, 14 July 2010 on the second of two spring/summer research cruises in the Bering Sea. Chief scientist David Shull is reporting from the field through near real-time blogs and photos posted on the project website at: <http://bsierp.nprb.org>.

<http://apecs.is/apecs-news/1842-the-bering-sea-project-new-website-available>

This issue features images of the community of Umiujaq in Northern Québec, Canada on pages 2 and 3. Located at the treeline in Northern Canada (56°33'N / 76°33'W), Umiujaq is an Inuit town of ca. 350 residents. Accessible year-round by air, the community has a hotel, supermarkets, a school, and maintenance facilities. The Université Laval maintains a vehicle, study sites, meteorological stations, and is constructing a residence for visiting researchers. This information and the images are courtesy of Inga May.



Images on the remaining pages feature events from the IPY Oslo meeting in June 2010.

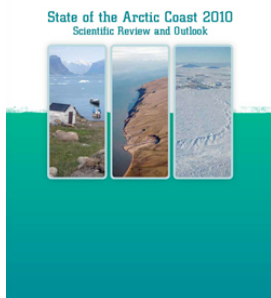
The APECS newsletter is created by Benjamin Beall and the APECS Executive Committee. Please contact Ben (bbeall@bgsu.edu) or any of the Executive Committee members with comments or questions about the newsletter. We are always looking for contributions, so if you have a story on polar research to share,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



Partner News & Announcements

Pre-publication: State of the Arctic Coast 2010

Contributed by Hugues Lantuit



The goal of this report is to draw on initial findings regarding climate change and human dimensions for the Arctic as a whole provided by the ACIA and AHDR reports to develop a comprehensive picture of the status and current and anticipated changes in the most sensitive Arctic coastal areas. Adopting a social ecological system perspective the report considers the implications of change for the interaction of humans with natural coastal systems. The report is intended as a first step towards a continuously updated coastal assessment and aims to identify key issues requiring future scientific attention in an international Earth system research agenda.

The draft report is the outcome of this collaborative effort and starts with a thematic review of the state of physical and ecological systems and human communities and activities on the Arctic coast as of 2010. It then moves to a more holistic and coupled-system perspective to identify knowledge gaps and future research needs. Current knowledge presented and synthesized is based on published literature and other sources.

<http://apecs.is/apecs-news/1879-pre-publication-state-of-the-arctic-coast-2010->

New Web-based Collaboration Tools Guidebook Available

Contributed by Falk Huettmann

Southeast Partners in Flight



We know that many of you have collaborators outside your lab group and your university - hopefully you have partners around the world. Sometimes it can be difficult to work across time zones and long distances.

To help you to understand and use some of the great new tools that are online (many of which APECS uses) the Southeast Partners in Flight is pleased to announce the launch of a new guide to web technologies. The guide is targeted at user, manager and administrator alike and provides simple, one-page summaries of a variety of general web tools (e.g., blogs, news feeds) as well as specific web-based applications (e.g., Facebook, Google Documents, Doodle, etc.).

<http://apecs.is/apecs-news/1892-new-web-based-collaboration-tools-guidebook-available>

New grant competition for European Research Council - Starting Grants

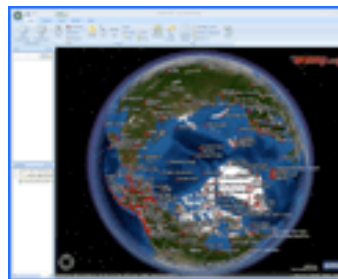
Contributed by Ruediger Klein

This grant competition is targeted at early-career research leaders, of any age, with 2-12 years of experience after their PhD. The researchers can be of any nationality as long as they are working, or moving to work, in Europe. The competition is open to proposals in any field of research (from Social Sciences and Humanities to Life Sciences and Physical Sciences). The available call budget is 660 Mio Euro. The three deadlines will be throughout this autumn (depending on scientific domain). Visit <http://erc.europa.eu/index.cfm?fuseaction=page.display&topicID=498> for more information.



New 3D Visualization, Analysis, and Collaboration Tool

Contributed by Craig Tweedle



The Arctic Research Mapping Application (ARMAP) is a suite of online, interactive maps and services that support arctic science. Released from beta, ARMAP 3D is a new virtual globe for visualization and analysis of map layers in three dimensions, optimized for high latitudes. With high-resolution imagery, a variety of basemaps, and more functionality, it is fast and intuitive yet more powerful than Google Earth.

<http://apecs.is/apecs-news/1895-armac-tool-available>



E. Costa



E. Costa



E. Costa

Partner News & Announcements

Ice Sheet Mass Balance and Sea Level: A Science Plan

Contributed by Jenny Baeseman

The latest SCAR Report (number 38) is now published on the SCAR website. Entitled 'Ice Sheet Mass Balance and Sea Level: A Science Plan', it was originally presented as an ISMASS contribution at the International Glaciological Society Conference in Newcastle-upon-Tyne, UK, July 27-31, 2009. It is available to view and download at: <http://www.scar.org/publications/reports/>.



Canadian Fisheries and Oceans IPY Results Report Available

Contributed by Jenny Baeseman

The Executive Summary Report of the key findings the International Polar Year 2007-2008 at Fisheries and Oceans Canada is available at: <http://www.dfo-mpo.gc.ca/science/publications/ipy-api/index-eng.html>.



from

The summary report details findings from International Polar Year (IPY) research projects undertaken by and in conjunction with the Government of Canada's Department of Fisheries and Oceans. The findings reveal profound changes that are impacting the Arctic Ocean, which are in turn driving major impacts on ecosystems.

Science Plan Released - U.S. Navy Submarine Arctic Science Program (SCICEX)

Contributed by Allen Pope

A new science plan for the U.S. Navy Submarine Arctic Science Program, better known as SCICEX, has just been released. It is available on the web site of the U.S. Arctic Research Commission (USARC) at http://www.arctic.gov/publications/scicex_plan.pdf.

The SCICEX program takes advantage of the unique observing and data-collection capabilities of the U.S. Navy's nuclear-powered submarines in the Arctic Ocean. The plan, titled "Part 1: Technical Guidance for Planning Science Accommodations Missions," addresses opportunities for the collection of scientific data during planned operational missions. It provides the U.S. Navy with a detailed and prioritized list of sampling recommendations to measure sea ice thickness (i.e., draft profiling), ocean hydrography and bathymetry (i.e., water depth), and to measure and sample ocean biology and chemistry. The ultimate goal of collecting this information is to increase the scientific knowledge and understanding of the Arctic Ocean region.

Part 2 of the plan, currently under development, will outline the management of SCICEX data and scientific community access.

<http://apecs.is/apecs-news/1912-science-plan-released-us-navy-submarine-arctic-science-program-scicex>

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>.

[Runoff and mass-balance simulations from the Greenland Ice Sheet at Kangerlussuaq](#)

Contributed by [Nikolay Koldunov](#)

[Wind-controlled export of Antarctic Bottom Water from the Weddell Sea](#)

Contributed by [Loic Jullion](#)

[Synoptic airborne thickness surveys reveal state of Arctic sea ice cover](#)

Contributed by [Nikolay Koldunov](#)



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.

Visiting Assistant Professor/Atmospheric Science/University of Kansas

University of Kansas, Lawrence, Kansas, U.S.A.
Posted by: Layla Osman

Job Posting: Bioacoustics Research Program

Cornell University, Ithaca, New York, U.S.A.
Posted by: Layla Osman

1-year position offer in Météo-France/CEN (Grenoble, France)

Snow Research Centre, Grenoble, France
Posted by: Layla Osman

Two PhD positions at the Geological Survey of Norway

Geological Survey of Norway, Trondheim, Norway
Posted by: Angelika Renner

Consultant (Scientist) position on land surface data assimilation

ECMWF, Reading, U.K.
Posted by: Angelika Renner

Sea Ice Modeler Senior Position at IC3 (Barcelona)

IC3, Barcelona, Spain
Posted by: Angelika Renner

2 PhD Positions - marine biotic indicators

University Bordeaux / CNRS, Bordeaux, France
Posted by: Nathalie Morata

Instructor Position - Department of Geology and Geophysics

Department of Geology and Geophysics, University of Alaska Fairbanks, Fairbanks, Alaska, U.S.A.
Posted by: Angelika Renner

Glaciology PhD Opportunity

University of Aberdeen, Aberdeen, Scotland
Posted by: Layla Osman

Post-doctoral Research Associate

Polar Science Center at the Applied Physics Laboratory, University of Washington, Seattle, Washington, U.S.A.
Posted by: Karen Junge

Research Forester or Ecologist

Pacific Northwest Research Station, Anchorage Forestry Sciences Lab, Anchorage, Alaska, U.S.A.
Posted by: Jen Rhemann

Postdoc position, Climate Sciences Division

Alfred-Wegener-Institute for Polar and Marine Research, Bremerhaven, Germany
Posted by: Mare

PhD and Postdoctoral Positions in Ocean Biogeochemistry

Duke University, Durham, North Carolina, U.S.A.
Posted by: Nicholas Cassar

Postdoctoral Position in Ice-Ocean Modelling

Nansen Environmental and Remote Sensing Center, Bergen, Norway
Posted by: Penelope Wagner

Post-Doctoral Fellowship opportunity at Environment Canada

Climate Research Division at Environment Canada, Toronto, Ontario, Canada
Posted by: Cameron McNaughton

Postdoc position in Coupled Biogeochemical-Physical Modelling

Institute of Marine Sciences (METU), Ankara, Turkey
Posted by: Tosca Ballerini



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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.

Postdoctoral fellowship opportunity at University of Chile

University of Chile, Santiago, Chile
Posted by: Layla Osman

Marine Systems Modeller - CO₂ impacts

Plymouth Marine Laboratory, Plymouth, U.K.
Posted by: Tosca Ballerini

Postdoctoral fellowship Impact of Land Use changes on Carbon Fluxes

CNRM, Toulouse, France
Posted by: Layla Osman

Postdoctoral fellowship on Climate Projections and Feedbacks

CNRM, Toulouse, France
Posted by: Layla Osman

Sea Ice Decadal Prediction Postdoctoral Researcher

CNRM, Toulouse, France
Posted by: Layla Osman

Postdoctoral fellowships at CNRM (France) Coupling an Ice Sheet Model to an Earth System Model

CNRM, Toulouse, France
Posted by: Layla Osman

Polar Engineer

UNAVCO, Boulder, Colorado, U.S.A.
Posted by: Allen Pope

Meetings & Workshops

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.

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>



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Meetings & Workshops (cont.)

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>

Abstract Deadline Extended - 11th International Circumpolar Remote Sensing Symposium

20 - 24 September 2010

The 11th International Circumpolar Remote Sensing Symposium (<http://alaska.usgs.gov/science/geography/CRSS2010/>) will be held 20-24 September 2010 at Cambridge University's 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 early career polar scientists.

The conference deals specifically with remote sensing applications in the polar environments, both Arctic and Antarctic. It will provide an international forum for the discussion of work currently being carried out in the circumpolar regions. Topics that have been discussed at previous CRSS meetings have included environmental monitoring, the cryosphere, resource prospecting, vegetation measurement, LiDAR, RADARSAT, polar GIS applications, and many others. The deadline for abstract submission has been extended to 15 June, 2010.

Further details of the conference and workshop can be found here: <http://alaska.usgs.gov/science/geography/CRSS2010/> and at <http://www.polarnetwork.org>

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

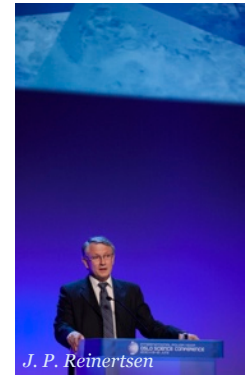


The UKPN and Loughborough University are pleased to announce the Polar Sedimentary Processes and Archives workshop as the latest in the 2010 series of UKPN career skills workshops.

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>



Meetings & Workshops (cont.)

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”. AFT comprises a policy section and a scientific section.

This call for papers addresses the scientific section.

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.



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

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>

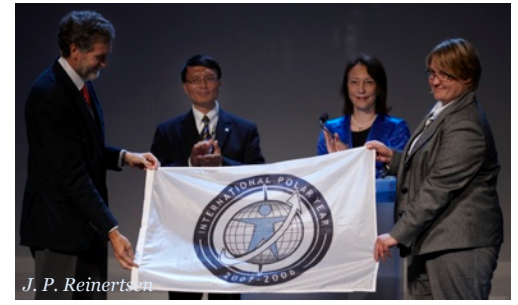
If you know of a conference coming up and would like to organize an APECS meeting, we are happy to help you, just let us know (apecsinfo@gmail.com). Organizing a meeting is a great way to gain experience and meet senior researchers who can help in the next steps of your career. For more events, including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



J. P. Reinertsen



J. P. Reinertsen



J. P. Reinertsen

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.

Climatic Changes, Glacial retraction and the Skuas in Hennequin Point (King George Island, Antarctic Peninsula)

Contributed by: Erli Costa

Terrestrial Monitoring Thermal State of Permafrost in the Arctic. A closer look on Svalbard

Contributed by: Yury Deart

Geospatial Analysis of the Arctic Natural Resources

Contributed by: Janin Schaffer

Ice, Ice, Maybe? The past, present and future of Arctic Ocean sea ice extent

Contributed by: W. Eucker

Mining in the Arctic - Undermining communities?

Contributed by: Y. Ericson

Communicating Polar Research: The APECS Antarctic Treaty Summit Essay Contest

Contributed by: Daniela Liggett

Aerosol Optical Properties over the South Atlantic and Southern Ocean during the 140th cruise of the M/V S.A. Agulhas

Contributed by: D. I. Wilson

Urqsuk: The Changing Nature of Arctic Fats and the Inuit Diet

Contributed by: Katelyn Friendship

Appropriate Arctic Architecture

Contributed by: M. Ip

The UK Polar Network and Its Activities

Contributed by: A. Dolan

International Polar Lecture Series - Sustaining the Polar Day Idea After IPY4

Contributed by: Kristin Timm

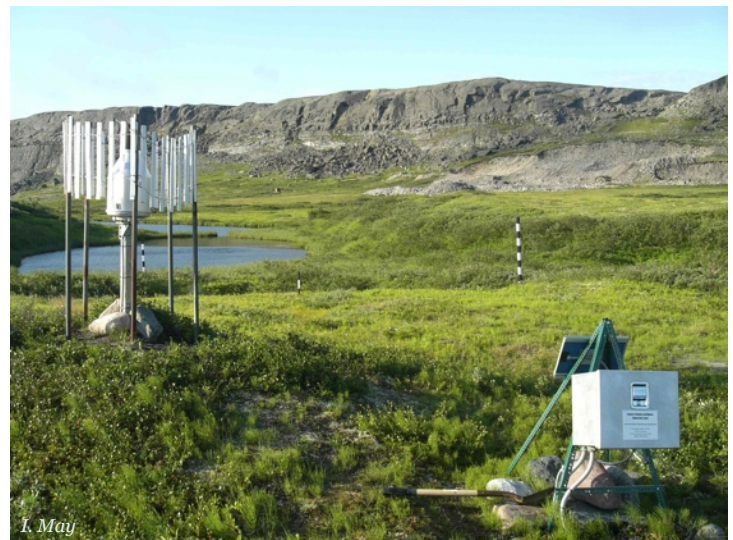
Mentor Panel Discussions - An easy way to get people talking

Contributed by: A. Jahn



The Virtual Poster Session is sponsored by:

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



I. May