



Shaping the Future
of Polar Research



APECS January 2011 Newsletter

Happy New Year APECS!

2010 finished strong for APECS with a presentation and mentor panel at the International Symposium on Arctic Research (Tokyo) and a successful career development workshop at the annual fall meeting of the American Geophysical Union (San Francisco). It's great to see APECS members expanding the scope of our events! Of course, we couldn't do it without our partners. In particular, I would like to send a huge thank you out to the University of Alaska for helping support this workshop financially as well as the many contributions of University of Alaska Fairbanks Faculty to APECS mentor panels, workshops, and webinars.

2011 looks bright and exciting for APECS, with events spanning polar disciplines as well as many continents! The Arctic Science Summit Week (ASSW; Seoul, Korea) will see heavy APECS involvement as well as a 1-day career development workshop prior to the conference. And for social scientists, APECS is also holding a 1-day workshop prior to the 7th International Congress of Arctic Social Sciences (ICASS; Akureyri) in June! Both ASSW and ICASS have extended their abstract submission deadlines to mid-January, so you still have a chance to submit your work! Not to forget the Southern Hemisphere – there will be an APECS workshop held at the International Union of Geodesy and Geophysics meeting in Melbourne, Australia in July, too.

Yours in Polar Research,

- Allen Pope, APECS President 2010-2011



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Rasmus Bertelsen



Rasmus Bertelsen

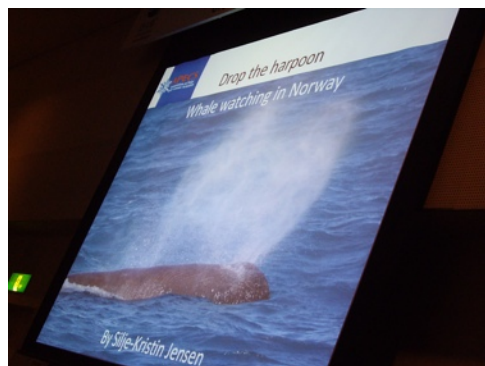


Rasmus Bertelsen

APECS News & Updates

APECS whale watching in Japan

Contributed by Silje-Kristin Jensen



In December Silje-Kristin Jensen attended an international whale watching conference called 'whale watching worldwide' arranged by the International Fund of Animal Welfare (IFAW) at the UN University in Tokyo, Japan. Jensen contributed with a talk about whale watching in Norway representing APECS. Sharing information about APECS together with whale watching in Norway was a great success.

Whale watching operators from USA, Caribbean, Norway, Iceland and Japan attended this two-days conference. The conference focused on laying important groundwork for the continued growth in whale watching activity in Japan and worldwide.

<http://apecs.is/apecs-news/2514-apecs-whale-watching-in-japan>

Polar Science classes at European Universities

Contributed by Sílvia Lourenço

One of the biggest challenges in Polar Science is to reach the widest audience as possible to polar issues. In Universities of non-polar countries, it is still very rare to have lectures intimately related to polar science, even more if given by polar scientists.

Last month, Dr. José Xavier (Institute of Marine Research, University of Coimbra) gave a number of lectures at the University of Coimbra on Polar Science focusing on Biodiversity and Conservation. The lectures were very well received by the 3rd year undergraduates of Biology of this well known Portuguese University.

If you have a mentor at your University that might be interested in Polar Science, do contact us.

<http://apecs.is/apecs-news/2506-polar-science-classes-at-european-universities>



Andrei Taranchenko

Museum of the North

Housed in a beautiful building on the University of Alaska Fairbanks campus, the Museum of the North features the wonders of Alaska. The museum has long-term exhibits on the people, history, geography, environment, art, and natural wonders of Alaska, as well as features on specific artists and events. Visit <http://www.uaf.edu/museum/> for more information.

APECS News (cont.)

Research Sites Working Group

Contributed by Mariette Wheeler

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

This database will help young polar researchers who are planning to undertake research activities in the 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

Message from the Director

University of the Arctic - Go North

What an amazing year it has been for APECS. We have averaged 73 new members a month, had at least 1 APECS in-person meeting at a conference somewhere around the world every month, started a very successful career development webinar series, and the list goes on. We are putting together a report for one of the grants that funds our Directorate office that will include some more fun statistics like these. Thanks to you all and the support of our partnering organizations we are creating many opportunities for young polar researchers.

Speaking of partnering organizations, this month's newsletter features the University of Alaska, which is an amazing institution. I am fortunate to hold an Adjunct Research Assistant Professor Position at the International Arctic Research Center (IARC) at the University of Alaska- Fairbanks, where we have the National Science Foundation grant that is supporting our webinar series. IARC, in particular Larry Hinzman and Elena Sparrow have been very supportive of APECS' efforts from the very beginning and we are very grateful to them for all their help.

If you are interested in studying at the University of Alaska, or another university in the North, you may be interested in a student mobility program that helps with exchange programs for students to take courses at Northern universities and experience life and culture in the North - The University of the Arctic's Go North program, housed at the University of Tromsø, Norway.

To find out more, visit: <http://www.uarctic.org/SingleArticle.aspx?m=43&amid=2325>.

To find out what courses are offered through the University of the Arctic in the Go North as well as their other programs visit: <http://www.uarctic.org/SingleArticle.aspx?m=43&amid=2325>.

<http://www.apecs.is/leadership/international-directorate/a-great-norwegian-life/2504-go-north>



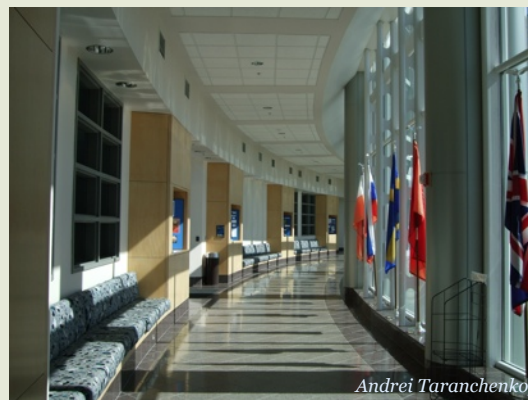
Feature

University of Alaska Fairbanks

The University of Alaska Fairbanks is the flagship campus of the University of Alaska System. The Alaska Agricultural College and School of Mines opened in 1922, and became the University of Alaska in 1935. Now the University has more than 10 000 students, including more than 1 000 postgraduates, and offers programs in nine academic schools and colleges from the liberal arts to engineering.

Located in Fairbanks, Alaska, U.S.A. ($64^{\circ}52' \text{ N}$, $147^{\circ}50' \text{ W}$), and less than four hundred kilometers from the Arctic Circle, UAF is a leader in polar research. Home to the International Arctic Research Center, as well as the Institute of Northern Engineering, the Arctic Region Supercomputing Center, the Institute of Arctic Biology, the Geophysical Institute, and the Alaska Agricultural and Forestry Experiment Station, UAF “advances and disseminates knowledge through teaching, research and public service with an emphasis on Alaska, the circumpolar North and their diverse peoples.”

The University of Alaska Fairbanks website (<http://www.uaf.edu>) has a wealth on information on this great institution.



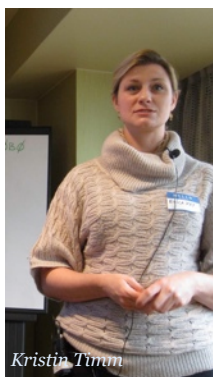
Andrei Taranchenko

Inside the International Arctic Research Center at UAF.

IARC is a cooperative research institute supported by the U.S. and Japan and aims to understand the Arctic as an integrated system. IARC is a leading institution in Arctic Climate System and Modeling. Visit <http://www.iarc.uaf.edu> for more information.



Kristin Timm



Kristin Timm



Kristin Timm

UAF & Early Career Scientists

APECS Career Development Workshop held in Conjunction with AGU Fall Meeting



Kristin Timm

Contributed by Kristin Timm

On 12 December 2010, the day before the 2010 AGU Fall Meeting, 16 early career scientists participated in a career development workshop sponsored by the University of Alaska, the International Arctic Research Center, Arctic Research Consortium of the US (ARCUS), APECS, and the Permafrost Young Researchers Network (PYRN). Seven mentors spent much of the day working with workshop participants, covering information about how to succeed in academic and research careers, outreach methods in proposal writing, and how to communicate polar research to various audiences.

The mentors received great reviews from the participants, citing their knowledge and enthusiasm as one of the greatest parts of the workshop. Overall, participants were pleased with the workshop and felt that they would be very likely to use the information they learned in the future.

Some of the talks were recorded by either audio or video, and we will make them and the slides available on the APECS website within the coming months.

A special thanks to the great mentors who took time out of their busy schedules to participate in the workshop: Daniel Julius, Bob Bindschadler, Geoff Haines-Stiles, Erica Key, Hans-Peter Marshall, Elena Sparrow, and Lindsay Knippenberg. We would also like to thank Kristin Timm, Anna Wagner, and Anna Liljedahl for organizing this workshop.

This workshop was made possible because of a generous contribution from the University of Alaska System. Meeting space was sponsored by the Arctic Research Consortium of the US and miscellaneous expenses were covered by APECS.

<http://apecs.is/apecs-news/2517-agu2010-report>

Report from the ISAR Mentor Panel in Japan

Contributed by Rasmus Berterlsen

The International Symposium on Arctic Research is the flagship Arctic science meeting in Japan organized by the Japanese National Institute of Polar Research, the Japan Agency for Marine-Earth Science and Technology, Japan Aerospace Exploration Agency and International Arctic Research Center at the University of Alaska - Fairbanks. The second symposium took place 7-9 December in Tokyo, while the first one took place two years ago. The third symposium is expected to take place late 2012. About 240 scientists and students participated with slightly more Japanese than foreigners. The symposium is thus on its way to become a major international Arctic meeting.

The Association of Polar Early Career Scientists were present at the symposium with a panel and an oral presentation. Because of the underrepresentation of Japan in APECS, the association emphasized participating in the symposium. On 7 December, APECS hosted an international career development panel with Professor Dorte Dahl-Jensen (University of Copenhagen), Dr. Kim Holmen (Norwegian Polar Institute), Dr. Konrad Steffen (University of Colorado), Professor David Hik (University of Alberta), Professor Hiroshi Tanaka (University of Tsukuba) and Professor Hiroyuki Enomoto (Kitami Institute of Technology) and chaired by APECS member Dr. Rasmus G. Bertelsen (United Nations University/Tokyo Institute of Technology). 11 young scientists from Asia, Europe and North America participated. The panelists reflected on their own early career experiences. Here they emphasized the importance of intellectual and international mobility. From a gender perspective, Professor Dahl-Jensen pointed out the flexibility of research work, but also the need to accept a series of temporary appointments in the beginning. The panelists discussed quantity versus innovativeness of research production.

On 9 December, Rasmus G. Bertelsen gave an oral presentation (prepared with Jenny Baeseman) in the plenary on 'The Association of Polar Early Career Scientists (APECS) as an International Polar Year Legacy' in the panel on international Cooperation of Arctic Research and IPY. This presentation (re-) introduced APECS to a broad range of senior and junior Japanese and international Arctic scientists.



Rasmus Bertelsen

<http://apecs.is/apecs-news/2516-isarreport>



Partner News & Updates

ICSU Newsletter, December 2010 Available

Contributed by Sílvia Lourenço

The International Council for Science (ICSU) is a non-governmental organization with a global membership of national scientific bodies (121 members) and international scientific unions (30 members).



ICSU mobilises knowledge and resources of the international scientific community to strengthen international science for the benefit of society. Activities focus on three areas: International Research Collaboration; Science for Policy; and Universality of Science.

ICSU co-sponsored the International Polar Year (IPY) together with the World Meteorological Organization (WMO) and is supporting the APECS lead IPY Education and Outreach Assessment Project.

Take a few moments to check out the great things they are working in the latest edition of their Newsletter, December 2010, vol 8, n.3 at: http://www.icsu.org/3_mediacentre/INSIGHT_12_2010.html.

Students on Ice Antarctic University Expedition 2011

Contributed by Allen Pope

A few spaces are still available on the Students on Ice Antarctic University Expedition in February 2011 (<http://www.uantarctic.org/>). This unique educational experience is open to international undergraduate and graduate-level University students and offers the opportunity to enroll in one of several accredited field courses from Canadian and Scottish Universities. The students will be mentored by a team of 25 scientists, historians, artists, explorers, educators, and polar experts. Students will participate in both cross-disciplinary activities and in-depth studies in their selected field course, and will develop the knowledge, skills, perspectives and practices that will help them to pursue their future careers.

The expedition will serve as a powerful and unique international platform to inspire, educate, create change, and raise awareness around the world about polar science and research, the impacts of climate change and other issues facing Antarctica.

<http://apecs.is/apecs-news/2439-soi-2011>



SCAR December 2010 Newsletter

Contributed by Jenny Baeseman

The latest SCAR Newsletter, Issue 25 December 2010, is now available. To view, please visit <http://www.scar.org/news/newsletters/issues2010/dec10.html>



<http://apecs.is/apecs-news/2536-scar-newsletter-december-2010-edition>

Call for Nominations: Lifetime Achievement Award in Northern Research

Contributed by Inga May

The Association of Canadian Universities for Northern Studies (ACUNS) is pleased to announce the launch of an annual \$50,000 prize for lifetime achievement in northern natural science research, initiated and generously supported by The W. Garfield Weston Foundation. ACUNS is pleased to administer the Weston Family Prize as a continuation of their longstanding work with The W. Garfield Weston Foundation.

Call for Nominations

Nominations for the prize will be accepted from December 7, 2010 to February 28, 2011. Details of the nomination process can be found at <http://acuns.ca/website/awards/awards-2/applications/lifetime-achievement/>.

The successful candidate must have demonstrated leadership, inspiration, and mentorship in research in the Canadian north, and must be presently active in and demonstrate a sustained program of northern scientific research.

<http://apecs.is/polar-news/2490-call-for-nominations-lifetime-achievement-award-in-northern-research>

Polar Research Board Newsletter



Polar Research Board

DIVISION ON EARTH & LIFE STUDIES

Contributed by Jenny Baeseman

The first issue of the Polar Research Board newsletter is now available.

<http://apecs.is/apecs-news/2537-polar-research-board-newsletter-december-2010>



J.K. Brooks

Meetings & Workshops

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 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.

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.arcticfrontiers.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>

APECS Research Funding Workshop

28 January 2011

To help expose young polar researchers to the amazing opportunities that are available to help you fund your studies and research. APECS is hosting a Research Funding Seminar in Tromsø, Norway held in conjunction with the Arctic Frontiers Conference (<http://arcticfrontiers.com/>). To find out more about the young researcher activities at this conference, visit <http://apecs.is/events/arctic-frontiers-2011>.



Everyone is welcome to attend. All lectures will be recorded and made available on the APECS website after the seminar. For more information, please contact Silje-Kirstin Jensen (siljekristinjensen@gmail.com).

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

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



Rasmus Bertelsen



Rasmus Bertelsen



Rasmus Bertelsen

Meetings & Workshops

Arctic Science Summit Week 2011

28 March - 1 April 2011

Abstract Submission Deadline: 15 January 2011



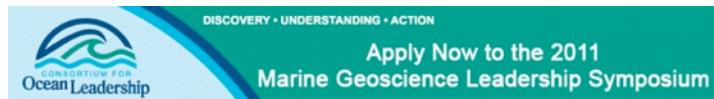
For the second time, the ASSW will include not only annual meetings of the Arctic organizations, but also an exciting international science symposium. The symposium, organized under the aegis of the International Arctic Science Committee, is the main venue for arctic science and is held every two years.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

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

For further information, please visit:

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

Apply Now to the 2011 Marine Geoscience Leadership Symposium



18 - 22 April 2011

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

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

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

Career Development Panel at the Conference on Polar Meteorology

3 May 2011

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

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

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



5 - 10 June 2011

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

Call for Abstracts: ICASS VII 2011, Akureyri, Iceland

22 - 26 June 2011

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



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

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

Submission Deadline: December 20, 2010

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

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>

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

10 - 16 July 2011



The International Symposium on Antarctic Earth Sciences promises to be one of the major events in the polar science calendar of 2011, and APECS will be there in force! Details are yet to be unravelled, but put this date in your diary now to avoid missing out on a great event for APECS and Polar Science as a whole!

Check out the ISAES XI website at <http://www.isaes2011.org.uk/>.

1st Circular out for IPY 2012 Montréal

22 - 27 April 2012



The steering committee for the IPY 2012 Conference in Montreal, Canada, April 22 - 27, has announced its first circular. Join us in an exciting dialogue on the highlights and synthesis of polar



research and how this new knowledge can be used to advance programs, policies and actions on critical global issues, such as human and environmental health, biodiversity, resource development and marine transportation, to name a few.

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



Kirk Crawford



Colin Purrington

Career Development Webinars

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

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

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

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

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



Francisco Fernandez

Planning and Coordinating Field Work Logistics

Torre Jorgenson

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

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

Working with Northern Communities

Gary Kofinas

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

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

Gaining Momentum - Women in Polar Research

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

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



Virtual Poster Session

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

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

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

Contributed by: Olga Khitun

Innovative Management of a Case of Lumbar Disc Prolapse in Antarctica

Contributed by: Abhijeet Bhatia

Physical Morbidity during the 27th Indian Scientific Expedition to Antarctica

Contributed by: Abhijeet Bhatia

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

Contributed by: Jai Prakash Chaubey

Aerosols characteristics during international polar year over Indian Antarctic Stations: Maitri and Larsemann Hills

Contributed by: Jai Prakash Chaubey

A Study of Brazilian Scientists Groups in Antarctic

Contributed by: Geny de O. Cobra



The Virtual Poster Session is sponsored by:

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



APECS Leadership

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

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

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



Rasmus Bertelsen



Rasmus Bertelsen



Rasmus Bertelsen

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.

PhD Student positions

University of Rochester, Boulder, Colorado, U.S.A.

Posted by: Tosca Ballerini

NSFC Young Scientists Research Fellowship Call For 2011

Chinese Academy of Sciences, China

Posted by: Allen Pope

Postdoc or PhD in Satellite Remote Sensing of Aerosol Properties

University of Helsinki, Helsinki, Finland

Posted by: Jenny Fisher

PhD - Marine Ecosystem Sustainability in the Arctic and Subarctic

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

Posted by: Allen Pope

Post-doctoral position in snowphysics

WSL Institute for Snow and Avalanche Research, Davos, Switzerland

Posted by: Allen Pope

Executive Officer - Southern Ocean Observing System (SOOS)

Institute for Marine and Antarctic Studies, University of Tasmania, Tasmania, Australia

Posted by: Inga May

Postdoctoral fellowship in climate (sea ice) modelling

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

Posted by: Allen Pope

Graduate Opportunities - Novel cosmogenic approaches for surficial processes and Quaternary geology

Purdue University, West Lafayette, Indiana, U.S.A.

Posted by: Allen Pope

MSc/PhD opportunities in paleoglaciology, paleohydrology and Quaternary environmental change

Simon Fraser University, Burnaby, British Columbia, Canada

Posted by: Allen Pope

Three-year post-doc in glaciology

Iowa State University, Ames, Iowa, U.S.A.

Posted by: Allen Pope

Post-doc RA in GIS and Spatial analysis cold-water coral habitats

Heriot Watt University, Edinburgh, Scotland

Posted by: Jen Rhemann

Fully-funded PhD Studentship: Evaluation of snow remote sensing

University of Northumbria, Newcastle, U.K.

Posted by: Allen Pope

Individual foraging specialisation and seabird fishery interactions: Implications for albatross conservation

University of Plymouth, Plymouth, U.K.

Posted by: Bego Vendrell

Chavez/Eastman/Marshall Dissertation Fellowships

Dartmouth College, Hanover, New Hampshire, U.S.A.

Posted by: Allen Pope

Research Fellowship in Science Technology and Environmental Policy

Princeton University, Princeton, New Jersey, U.S.A.

Posted by: Allen Pope

Blaustein Postdoctoral Scholar in Earth and Planetary Sciences

Johns Hopkins University, Baltimore, Maryland, U.S.A.

Posted by: Tosca Ballerini

PhD candidates - Marine Ecosystem Sustainability in the Arctic and Subarctic (MESAS)

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

Posted by: Jen Rhemann

Scientist D

UGC-DAE Consortium for Scientific Research, Indore, India

Posted by: Suhas S. Shetye



Jobs (cont.)

Postdoctoral Research Fellow in Terrestrial Biogeochemistry

UCLA, Los Angeles, California, U.S.A.

Posted by: Jenny Fisher

One postdoc position (1 yrs) and three PhD positions (3 yrs)

Centre of Excellence for Ice and Climate, Niels Bohr Institute, University of Copenhagen, Copenhagen, Denmark

Posted by: Sune Olander Rasmussen

Climate Scientist

Commercial Climate Service, Rockville, Maryland, U.S.A.

Posted by: Jenny Fisher

Postdoctoral Research Fellow in Stable Isotope Biogeochemistry

Bioemco Grignon, Paris, France

Posted by: Jenny Fisher

Graduate Research Assistant, M.S. Soil Microbial Ecology 0.5 time

Department of Soil Science, North Carolina State University, Raleigh, North Carolina, U.S.A.

Posted by: Claudia Maturana

Assistant Professor

University of Manitoba, Winnipeg, Manitoba, Canada

Posted by: Sélima Ben Mustapha

PhD student position (Origins of Proterozoic-Cambrian photosynthetic microbiota)

Uppsala University, Uppsala, Sweden

Posted by: Emily Jateff

PhD student position (Marine Palynology and Biogeochemistry)

Research Unit of Paleontology, Ghent University, Ghent, Belgium

Posted by: Emily Jateff

Australian Antarctic Division Science Jobs

Australian Antarctic Division, Tasmania, Australia

Posted by: Emily Jateff

PhD opportunities in Ecology, Evolution, & Conservation Biology

University of Nevada, Reno, Nevada, U.S.A.

Posted by: Jen Rhemann

Full professor position - or tenure track assistant professor position - in remote sensing and earth surface monitoring

Faculty of Geosciences and Environment, University of Lausanne, Lausanne, Switzerland

Posted by: Matt Strzelecki

Postdoctoral Research Fellow - GRACE Hydrological & Hydrogeological Applications

School of Earth and Environmental Sciences, James Cook University, Townsville, Australia

Posted by: Matt Strzelecki

Professor of Quaternary Geology/Climate Geology of the Quaternary

Institute of Geological Sciences, University of Bern, Bern, Switzerland

Posted by: Matt Strzelecki

Postdoc - Arctic Sea-ice algae

Lamont-Doherty Earth Observatory, Palisades, New York, U.S.A.

Posted by: Matt Strzelecki

International PhD-Programme on Earth System Science in Germany

Alfred Wegener Institute of Polar and Marine Research, Bremerhaven, Germany

Posted by: Matt Strzelecki

Graduate opportunity in land-water interactions

University of Illinois, Illinois, U.S.A.

Posted by: Jen Rhemann

Climatologist - tenure-track Assistant Professor

Department of Geography, Northern Michigan University, Marquette, Michigan, U.S.A.

Posted by: Matt Strzelecki

Packard Fellowships for Science & Engineering

David and Lucile Packard Foundation, U.S. Universities

Posted by: Jen Rhemann



Jobs (cont.)

Postdoctoral opportunity in ocean biogeochemistry modeling

Colorado State University, Fort Collins, Colorado, U.S.A.
Posted by: Tosca Ballerini

Doctoral Fellowships

University Potsdam, Potsdam, Germany
Posted by: Tosca Ballerini

Post-doctoral Fellowship Stock Assessment of blue crab in Chesapeake Bay

Chesapeake Biological Laboratory
Posted by: Tosca Ballerini

Post-doctoral Fellowship Coupled Physical-Biological Modeling of Menhaden

Chesapeake Biological Laboratory
Posted by: Tosca Ballerini

Canada Research Chair in Arctic Basin Dynamics

University of Calgary, Calgary, Alberta, Canada
Posted by: Kim Jochum

College Co-operative Opportunities

NSERC CREATE Training Program in Arctic Atmospheric Science, Across Canada
Posted by: Ashley Kilgour

Graduate Student Opportunities

NSERC CREATE Training Program in Arctic Atmospheric Science, Across Canada
Posted by: Ashley Kilgour

Undergraduate Internship Opportunities

NSERC CREATE Training Program in Arctic Atmospheric Science, Across Canada
Posted by: Ashley Kilgour

Post-doc in Meteorology of Northern Ship Routes

University of Hamburg, Hamburg, Germany
Posted by: Jenny Fisher

Sea-ice scientist/postdoc 2 years

Norwegian Polar Institute, Tromsø, Norway
Posted by: Silje-Kristin Jensen

Scientific Data Manager

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

Glacial Processes – Geophysicist

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

Assistant Professor of Watershed Hydrology

Ohio State University, Wooster, Ohio, U.S.A.
Posted by: Jenny Fisher

Assistant Research Professor in Biological Oceanography

Lamont-Doherty Earth Observatory, Palisades, New York, U.S.A.
Posted by: Jenny Fisher

Assistant Professor of Biology

University of Michigan – Dearborn, Dearborn, Michigan, U.S.A.
Posted by: Jenny Fisher

Post-doc in Climate Change in Marine Environments

University of Western Australia & Australian Institute of Marine Science, Perth, Australia
Posted by: Jenny Fisher

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.



New Members

This month we had 47 new members from 17 countries. Welcome to APECS and we look forward to working with you to shape the future of polar research.

Maryam Aljoaan – Undergraduate – Oceanography Germany

Shelby Anderson – Doctoral Student – Anthropology United States

Gerrit Angst – Masters Student – Geosciences Germany

Janaya Banks Australia

Neil Barton – Postdoctoral Researcher – Meteorology & Atmospheric Sciences United States

Anne Beaudoin – Undergraduate – Environmental Science Canada

Jonas Blüthgen – Masters Student – Geosciences Denmark

Luca Bracali – Undergraduate – Engineering Italy

Carlo Carmagnola – Doctoral Student – Cryology & Glaciology Italy

Sophie Chollet – Doctoral Student – Marine & Freshwater Biology United Kingdom

Gautier Davesne – Masters Student – Cryology & Glaciology Canada

Martin Debusmann – Doctoral Student – Law United Kingdom

Emerick Delangle – Doctoral Student – Geosciences France

Alexey Deryabin – Masters Student – Geology Norway

Stephan Eickschen – Geosciences Germany

Antje Fitzner – Doctoral Student – Modelling Germany

Alexandre Guertin – Masters Student – Geosciences Canada

Karen Harding – Masters Student – Environmental Science United Kingdom

Halfdan Helgason – Masters Student – Ecology Norway

Milen Iliev – Masters Student – Geosciences Germany

Patrick Joyce – Masters Student – Meteorology & Atmospheric Sciences United States

Andrew Kasurak – Doctoral Student – Cryology & Glaciology Canada

Ashley Kilgour – Teacher Canada

Jakub Kowalczyk – Masters Student – Oceanography Poland

Sabine Lague – Undergraduate – Zoology Canada

Katryne Larrivee – Masters Student – Geosciences Canada

Rémi Laxenaire – Undergraduate – Oceanography France

Rainer Lehmann – Teacher – Geosciences Germany

Chao Liang – Postdoctoral Researcher – Ecology United States

Torge Martin – Postdoctoral Researcher – Meteorology & Atmospheric Sciences Germany

Marie Mazerolle – Masters Student – Geosciences Canada

DB Palmer – Doctoral Student – Social Sciences United States

Michal Petlicki – Doctoral Student – Geosciences Poland



New Members

Marek Pierzchala – Research Scientist Poland
– Forestry

Edward Reeves Canada
– Engineering

Ryan Reisinger – Doctoral Student South Africa
– Zoology

Virginie Roy – Doctoral Student Canada
– Ecology

Hernan Sala – Doctoral Student Argentina
– Meteorology & Atmospheric Sciences

Leela Salwom – Masters Student Malaysia
– Microbiology

Hansha Sanjyal – Masters Student Nepal
– Political Sciences

Cesar Santos – Research Scientist Brazil
– Ecology

Kim Senger – Doctoral Student Norway
– Geology

Daniel Martin Serafettin Ergul Singapore
– Engineering

Saurabh Singh – Masters Student India
– Geology

Michel Sliger – Masters Student Canada
– Geosciences

Hannah Thompson – Undergraduate United Kingdom
– Cryology & Glaciology

Victoria Ward – Undergraduate United Kingdom
– Geology



D. Mcdevit

The images in this issue of the newsletter feature the University of Alaska Fairbanks and focus on some recent early career scientist programs sponsored by the University. Thanks to Rasmus Bertelsen & Kristin Timm for providing images of those events. The balance of the images are images from Flickr users under the Creative Commons Attribution-ShareAlike license (<http://creativecommons.org/licenses/by-sa/2.0/deed.en>)