



APECS July 2010 Newsletter

What an exciting month! The IPY Oslo Science Conference was a huge success for APECS! It was an amazing week with lots of chances for all of us to meet, listen to your great presentations and getting many people excited about our organization. Thanks on behalf of the whole APECS ExCom to all of you who contributed as session conveners, as organizers of our career-development workshop, as plenary session chairs and organizers of our fun social events. I also want to extend a special thank you to our Director Jenny Baeseman as well as Hugues Lantuit and Alex Taylor for their tireless work and dedication to making this event a great success!



The July edition of our newsletter is dedicated to reflect on some of the highlights from Oslo: the very successful APECS Workshop, the APECS Reception, meetings with the Crown Prince of Norway and the Prince of Monaco, the MoU signing with UArctic and IAI, the Closing of the IPY and many more. So enjoy reading it!

-Gerlis Fugmann, APECS President 2009-2010

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International Polar Year officially closed

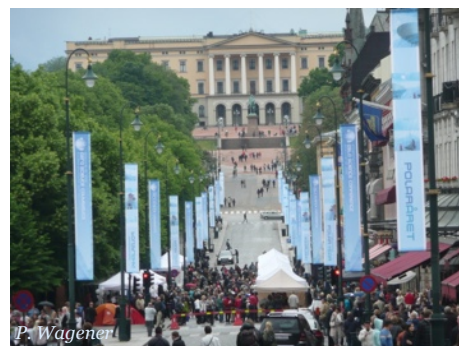
From the IPY Oslo Science Conference Press Archive

The International Polar Year 2007-2008 (IPY), the largest polar research and education venture ever undertaken, formally came to an end at a ceremony in Oslo on Saturday 12 June – the final day of the IPY Oslo Science Conference.



The IPY sponsors, the International Council for Science (ICSU) and the World Meteorological Organization (WMO), thanked the many thousands of participants who have made IPY a spectacular international success, before passing the baton on to those who will secure the legacy of this important initiative. They include the Scientific Committee on Antarctic Research (SCAR), the International Arctic Science Committee (IASC) and the WMO Executive Council Panel of Experts on Polar Observations, Research and Services.

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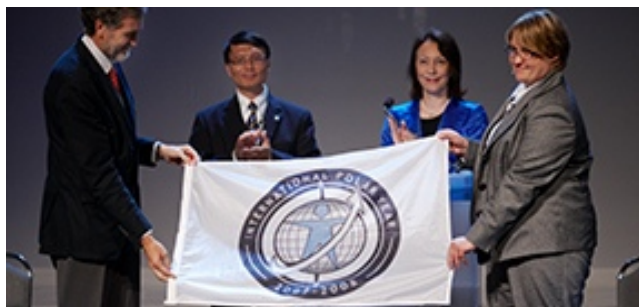


APECS News & Updates

IPY officially closed (continued)

Handing over the flag

The ceremony was opened by Gerlis Fugmann, President of the Association of Polar Early Career Scientists (APECS) - a group that originated and flourished during IPY and will continue to provide momentum for polar research, education and outreach in the years to come. Ms Fugmann also took part in the formal closing at the end of the ceremony today.



As a part of the official closing ceremony, Professor Jeronimo Lopez-Martinez presented a summary of this IPY from the perspective of the ICSU-WMO Joint Committee for the IPY, the body responsible for overall scientific planning, coordination, guidance and oversight of IPY 2007-2008, of which he is co-Chair.

Professor Lopez-Martinez mentioned a number of examples, including a surge in multidisciplinary polar scientific activities (as illustrated by the more than 2000 papers and posters presented at the Oslo Science Conference, spanning many themes and disciplines); extensive new circumpolar data baselines and improved observing systems; enhanced international collaboration and stronger links between the Arctic and Antarctic science communities; an enthusiastic new generation of polar scientists; the active engagement of Arctic residents in IPY activities; and the unprecedented involvement of educators and increase public awareness about polar regions.

Professor Lopez-Martinez also took the opportunity, on behalf of the IPY Joint Committee, to express deep appreciation to the many national and international organizations that have been involved in IPY, and especially to the many thousands of participants who have worked so hard to make it a major success and an enduring example of international collaboration.

The IPY success story will be captured in a summary report that is now being prepared. The title will be *Understanding Earth's Polar Challenges: International Polar Year 2007-2008*, and it will be published in September 2010.



Photo: John Petter Reinertsen/Samfoto

Dr. Jeronimo Lopez-Martinez. "The overall scope of IPY is hard to overestimate and its total "footprint" may not be fully known for many years," he explained. "However, only one year after the conclusion of IPY field activities there are clear early indicators of the success of the programme."

APECS Council Meeting in Oslo

Contributed by Allen Pope

For the first time, many of the 2009-2010 APECS council had the chance to meet in person, get to know each other, and talk about APECS. The first major topic of conversation was communication within APECS; new/improved initiatives (simple email addresses, revised newsletter, frequently posted meeting minutes) were noted to have been beneficial. But, there is still more that can be done to foster a closer community within the Council, for example by establishing/revitalizing some national committees and establish a "Council Rep." This will be discussed in the next Council call. We also discussed how to make involvement within APECS more accessible to individual members, how to keep the website vital, and a couple promising future projects such as a new members' guide to APECS, more opportunities to publish a variety of work, and APECS funding opportunities. The full meeting minutes are available on the Council webpage (<http://www.apecs.is/leadership/council>) – please contact us (<http://www.apecs.is/contact-us>) with comments/questions or to get more involved.

<http://apecs.is/apecs-news/1805-apecs-council-meeting-in-oslo>



E. Collins



F. Fernandoy



F. Fernandoy

APECS News (cont).

APECS Workshop at IPY-OSC

Contributed by Inga May



Before the IPY Oslo Science Conference in June 2010, APECS organized a two-day workshop for 106 selected members, which was sponsored by the Research Council of Norway.

The inspiration for this workshop was to provide students with an opportunity to improve their soft skills, which are essential for success in a polar career, but are often not taught at university. A large part of the workshop was dedicated to four 105 minutes long break-out sessions with invited mentors on different topics.

The participants were divided into smaller groups up to 25 people, and everybody could attend four sessions out of the following topics: Writing proposals and papers, Managing research projects and people, Communicating with the media, Presenting your results at conferences, Alternative polar careers, Influencing Policy and Policy Makers, International Collaborations and field work, and Teaching at the University Level and Education and Outreach.

<http://apecs.is/apecs-news/1813-apecs-workshop-at-ipy-osc>



J. Pettersen

Arctic and Antarctic Partners Sign Agreement to Further Cooperation in Polar Education

Contributed by Angelika Renner

Representatives of the Association of Polar Early Career Scientists (APECS), the International Antarctic Institute (IAI), and the University of the Arctic have come together at the IPY Oslo Science Conference 2010 to sign a memorandum of understanding to advance the academic and professional development of early career polar researchers.



A formal signing ceremony was held on June 8th, 2010 at the Norway Trade Fairs Conference Centre, during the APECS Student and Mentor Reception, which was attended by over 750 participants from around the world. Signing on behalf of the partner organisation are (left to right): Lars Kullerud, UArctic President; Daniela Liget, former APECS President and current APECS Executive Committee member; and Sandra Zicus, IAI Project Office.

<http://apecs.is/features/1782-arctic-and-antarctic-partners-sign-agreement-to-further-cooperation-in-polar-education>

26 APECS presentations at the IPY-OSC

Contributed by Alex Taylor

APECS activities throughout IPY were promoted over the course of the entire IPY-OSC. 26 abstracts relating to APECS activities were presented as either oral or poster presentations, spanning three of the six conference themes. The subject of the presentations varied from workshops we have performed, Education and Outreach opportunities, the Virtual Poster Session and the Mentorship program, among others. There were also updates from the Brazilian, Chilean, Portuguese and Swedish National Committees and APECS was proud to boast both our past accomplishments and future goals. This no doubt helped recruit some new APECS members and mentors. Thanks to all the abstract authors and presenters for helping raising APECS' profile!



APECS News (cont.)

Early Career Researcher Poster and Presentation Awards at IPY-OSC

Contributed by Jennifer Provencher

One of the goals at the IPY Oslo Science meeting was to recognize that outstanding contributions of the numerous early career scientists. With the backing of the Oslo Steering Committee, an Awards Committee was formed from APECS members from around the world who was tasked with the complex job of evaluating sure that the over 750 early career talk and poster presentations were judged. As all those involved soon learned, this was no small feat. With 6 themes, 40 sessions, 17 concurrent talks at any given time over the 4.5 days and 3 posters session with at least 150 posters each the Awards Committee had a herculean task at hand.



Each poster and paper presented by an early career researcher was judged by the tireless session conveners. A number of session conveners and senior scientists that helped out when judges were a bit thin on the ground commented on the quality of the early career presentations and the tough job it was for them to identify the best in each category. With great difficulty the best poster and talk in each theme was chosen and at the closing ceremonies the Norwegian Minister of Foreign Affairs presented each award winner their prize.

Thanks goes to all the early career researchers that presented in Oslo, may you go on to challenge judges and make their duties difficult. Thanks to the Montreal 2010 Steering Committee for donating the prizes for our award winners, and to David and Doug Barber for the donation of the book "Two Ways of Knowing" that each award winner took home. And to Torsten Sachs, Pablo Wainstein, Frances Ross, Penelope Wagner, Marcos Tonelli and Sylvia Blangy, without whom I would still be buried under a pile of judging sheets in Oslo. And last but not least thanks to Jenny, Hughes, David Hik and the Oslo steering committee for the tremendous effort in organizing and supporting the early career researcher awards.

<http://apecs.is/apecs-news/1811-awards-at-ipy-osc>

Teachers Immersed in Polar Science at the PolarTEACHERS Workshop

Contributed by Kristin Timm

While numerous APECS members participated in a career development workshop leading up to the IPY Oslo Science Conference, over 100 teachers were having a career development experience of their own in the PolarTEACHERS workshop next door.

Teachers were selected to participate from around the world, and received stipends for accommodation, meals, and partial registration to help offset the cost of attendance.



During the two-day workshop, teachers gained science content through lectures from experts in sea ice, albedo, climate and weather, cultures of the north, and much more. Select science content areas were paired with 90-minute breakout sessions filled with hands on learning and classroom activities, many from the "Polar Science and Global Climate" resource book. Many teachers expressed that they were very pleased with the content they gained throughout the workshop, and that they have many new ideas to take polar science back to their classrooms.

The PolarTEACHERS also spent time with the APECS Career Development workshop participants, partaking in some shared sessions and social events during the workshop and throughout the conference. Teachers and APECS members were also matched as "mentors" before the conference. Don't ask us who was mentoring whom, as most of the pairs that found one another described the sharing and learning as "going both ways".

Overall, the PolarTEACHERS workshop was a great success. Participants possessed an insatiable hunger for learning from the mentors who graciously volunteered their time and energies with the teachers. The blending of teachers and early career scientists made for a really fun, dynamic, and interesting group of participants with much to share and learn from one another.

To learn more about what was going on during the PolarTEACHER's workshop, you can visit their agenda online at:

<http://apecs.is/apecs-news/1812-teachers-workshop>



APECS News (cont.)

Twelve Early Career Researchers Meet with Royalty at the IPY-OSC

Contributed by Hugues Lantuit and Alexandra Taylor

Twelve APECS members were given the opportunity to meet with either the Norwegian Crown Prince Haakon or HSH Prince Albert II of Monaco on Tuesday the 8th of June, after the opening ceremony of the IPY Oslo Science Conference.

Meeting with Crown Prince Haakon of Norway

In a discussion lead by the Crown Prince, seven early career researchers (Harry Borlase, Anna Degteva, Gerlis Fugmann, Loic Jullion, Allen Pope, Alexandra Taylor and Jenny Baeseman) discussed their research and challenges they face while communicating their work with the public or media. Crown Prince Haakon also asked questions about how their work has been (or will be) affected by climate change and the importance of their work in a broader context. Throughout the discussion, the Crown Prince shared his own experiences and observations from expeditions he had participated in the Arctic regions.

Meeting with HSH the Prince Albert II of Monaco



After the projection of a short movie showing the expedition of HSH the Prince Albert to the Antarctic, the early career scientists (Jenny Baeseman, Hugues Lantuit, Nathalie Morata, Alexey Pavlov, Heidi Swanson and Jose Xavier) who met with HSH Prince Albert had the opportunity to exchange thoughts and experiences with the prince on their understanding of polar science, their scientific achievements and their vision of the future of polar research. The prince showed great interest in listening to stories of Antarctic wildlife, Inuit health, permafrost, marine biology and oceanography.

HSH the prince Albert II praised the wide diversity of backgrounds of the early career scientists and expressed his great consideration for their achievements during the International Polar Year. The meeting ended with a group picture and friendly greetings of HSH the prince Albert II of Monaco wishing good luck to the early career scientists in their future endeavours.

<http://apecs.is/apecs-news/1815-apecs-meets-with-royalty>

APECS in Plenary Speeches at IPY OSC

Contributed by Hugues Lantuit

One of the Association of Polar Early Career Scientists greatest and most unexpected achievements during the IPY Oslo Science Conference, was the level of consideration it gained among a wide variety of communities, including participants and session conveners, but also political and scientific figureheads.



During his opening speech at the workshop preceding the conference and during the closing ceremony, the director general of the Research Council of Norway, Arvid Hallén, made clear references to APECS in citing its dynamism and its key role in the polar research landscape.

During the closing ceremony of the International Polar Year, APECS was widely cited as the heir of the legacy of the IPY and acknowledged as such by the chair of the IPY Joint Committee of WMO and ICSU, and by SCAR and IASC, the two major polar organizations.

Finally, and probably most stunningly, APECS was quoted twice by the Norwegian Foreign Minister during the closing ceremony of the Conference, citing the need for greater efforts to support early career scientists in the post-IPY period.

APECS sees these references as a sign that early career scientists have been given a role in the IPY that is acknowledged at the highest levels, but it also sees these references as strong incentives to enjoy this responsibility with both a long-term sustainable vision and a sense of duties.

<http://apecs.is/apecs-news/1814-plenary-speeches-at-ipy-osc>



APECS News (cont.)

The APECS reception: a memorable evening during the IPY OSC

Contributed by Daniela Liggett

During the IPY Oslo Science Conference, the two APECS initiators, Jenny Baeseman and Hugues Lantuit, showed how fun and work can be combined in an imaginative and energetic evening function. The APECS reception enabled early-career researchers to meet senior scientists in the relaxed atmosphere of a speed-dating event that was followed by a witty "news" presentation by Jenny and Hugues who took a step into the future of IPY 5.

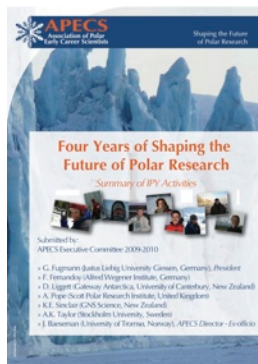
This refreshingly humorous and, at the same time, thoughtful reflection of the contribution of early-career scientists and APECS to polar research set the scene for a delightful evening.

The APECS reception provided also the opportunity to sign a Memorandum of Understanding between the University of the Arctic, the International Antarctic Institute and APECS, which represented a symbolic gesture towards the willingness of these three organizations to collaborate even more closely in the future.

Finally, the past and present APECS Executive Committee members and various Council members seized the chance to thank the APECS Director, Jenny Baeseman, in public for her incredible dedication, commitment and tireless efforts that helped APECS to grow into an internationally recognized early-career polar researchers' organization.

4 Years of APECS Activities!

We are very proud to release a report summarizing the past 4 years of APECS activities. We have achieved a great deal in a very short time and should all be impressed by the amount of work that you and your fellow early career colleagues have put in to making our organization a success. A special thank you to all those great mentors who helped to share their advice over the years by participating in APECS events as well as providing advice on how best to grow our organization. Congratulations APECS!!!



Download the report at: http://apecs.is/images/stories/files/apecs_ipy_final_report_web.pdf

La Carotte de Classe/APECS in French news



La Carotte de Classe was born from the collaboration of APECS member, Nathalie Morata with elementary school students, and was originally published in French at a local scale in the area of Pau, France. This book relates scientists work in the field during the polar darkness through children's eyes. Over the last year, Nathalie has been collaborating with APECS in order to publish a new bilingual edition of the book which has been enriched by some reading tips in order to stimulate reader thoughts.

The book was officially released at the IPY Oslo conference, and 600 copies were distributed to scientists and teachers interested in outreach and scientist-teacher collaborations. The release of the book was an opportunity for Nathalie to speak about polar areas, climate change, outreach, IPY and the importance of APECS, in various newspapers and radios from the area of Pau, France. The effort of Nathalie to make local people aware of those thematic was acknowledged by the Mayor of Pau who gave her the Medal of Honor from the city.

The Polar Resource Book

Contributed by Bettina Kaiser

The Polar Resource Book - *Polar Science and Global Climate: An International Resource for Education and Outreach* - was created to ensure efforts catalyzed by the International Polar Year (IPY) will continue to inspire educators, students, and emerging polar researchers into the next generation of young, international, polar researchers with a shared commitment to outreach and education. The idea for this book came from Mieke Sterken, an APECS member from Belgium. It was a response to continual requests from educators and scientists wishing to raise awareness about the importance of polar science during a time of rapid planet-wide climate change.



The book comprises background information on recent polar research and the history of IPY. It addresses climate change related issues from the perspective of the indigenous population in the Arctic. It provides a selection of teaching resources on six polar themes (atmosphere, ice, ocean, land, people and space) and showcases large- and small-scale education and outreach projects successfully carried out during the IPY. For further information:

http://www.wikisummaries.org/Polar_Science_and_Global_Climate
<http://www.ipy.org/hidden/item/2297-promotional-material-for-the-polar-resource-book>



APECS News (cont.)

APECS Working Group Updates

Climate Change Answers in Various Languages

The working group "Climate change answers in various languages" aims to bring easy answers to common questions asked by the general public about climate change. The work has been split into 3 phases, shared between the 18 working-group participants. The first phase of "the gathering of the questions" was completed in April-May. During the IPY meeting in Oslo, participants of the working group who were present met and worked on the format of the answers. Over the next few months, participants of phase 2 will work on the answers, and the phase 3 will follow, putting questions and answers in a easy readable format, for example in a powerpoint presentation.

Virtual Poster Session Working Group

Contributed by Alexey Pavlov

After its launch in the beginning of the 2010 within RAC and with the support of The Nordic Council of Ministers (Norden), the Virtual Poster Session was been officially transformed into VPS Working Group in April 2010.

For the next half of a year, Alexey Pavlov and Kim Jochum are chairing the VPS WG. There are currently over 80 posters included in the online archive of the VPS, with more being added each day. Regular VPS conference calls using Adobe Connect Pro System (provided by University of Canterbury in New Zealand) are organized on a monthly basis. The April VPS call focused on Education and Outreach, while the May conference call was cancelled due to logistics, (unavailability of a presenter because of Eyjafjallajökull volcano eruption). In June, the conference call is arranged with emphasis on Human and Social theme. In the long term, VPS calls are planned to be organized in conjunction with corresponding Arctic Council and SCAR Working Groups.

<http://apecs.is/apecs-news/1819-virtual-poster-session-wg-progress>

Mentor Program Working Group

Contributed by Xin Yuan

On 22 April 2010, the newly-formed mentor programme working group had their first teleconference, and some ideas were generated to improve the program:

1. An optional section will be added to the registration form which enables people to enter their personal/background information.
2. An evaluation process will be put in place to keep track of the scheme for both the mentors' and mentees' perspectives.

3. For further development of the program, a strategy document will be drafted by the working group.

<http://www.apecs.is/working-groups/1764-mentorship-program-update>

Research Activities Committee Oslo Meeting and Update

Contributed by Kim Jochum

The RAC (Research Activities Committee) organized two side meetings during the IPY Oslo science conference; the Polar Disciplines Meeting, and the Discipline Coordinator meeting. The Polar Disciplines Meeting was open to everyone interested in RAC activities but also in getting to know APECS associated people from their research fields. At the RAC Discipline coordinator meeting the major focus was discussing the RAC structure and functioning, and how to improve our collaborative work efforts towards getting work done more progressively. Results of the meeting included: Category based listservs: Like the polar policy listserv, these will be formed and supervised by the specific discipline coordinator (DC). Additionally the RAC will coordinate also all research related working groups, currently including the Virtual Poster Session. The Working Groups are open to ALL APECS members, and we still need help also in the research related working groups. If you are interested to work with the RAC, please contact: Kim kimjochum@gmx.de and Loic l.jullion@noc.soton.ac.uk.

APECS PANEL: SCAR Buenos Aires Conference

Contributed by José Xavier

Please come and join us at the APECS Panel and networking event in SCAR Conference Buenos Aires 2010 - Wednesday, 4th August: "ANTARCTIC SCIENCE: Role of SCAR in promoting early career research opportunities"

Antarctica is facing major challenges scientifically. Climate change, melting ice at an increasing rate and sea level rise are common themes associated with Antarctica. APECS will bring together polar research experts to discuss the following issues:

- What are the major new discovers from the last 3 years of Antarctic research and what does the future hold in these areas?
- How can early career scientists contributed to increasing our research efforts?
- What new opportunities are available to early career scientists now, particularly for South American young scientists?

For information on the panel, please visit:

<http://apecs.is/features/1785-apecs-panel-in-scar-buenos-aires-conference>



G. Fugmann



F. Fernandoy



F. Fernandoy

Partner News & Announcements

Launch of the Polar Information Commons - IPY Oslo Conference 2010

Contributed by Kim Jochum

The data generated during the IPY 2007-2008 may be one of the most important long-term outcomes of this unique international initiative. Where will these data be in 50 years? Will they be available and accessible for future scientists and other users?

The Polar Information Commons, officially launched at the IPY Oslo Science Conference on 8 June, aims to ensure that the IPY data legacy and polar science data more generally are openly accessible and safely preserved for future generations for the benefit of science and society as a whole.

Building on the precedent set by the Antarctic Treaty, the PIC is an open access information resource about the Earth's polar regions managed by the polar science and data community and accessible to all. Steven Chown, recipient of the Martha T. Muse award, Director of the Centre for Invasion Biology and a Professor in the Department of Botany and Zoology at Stellenbosch University, will participate in the launch as the PIC's first official user.

For details on the event, please see: <http://www.polarcommons.org/pic-launch-oslo-june-8-2010.php>



Politicians listen to Portugal polar work

Contributed by José Xavier

Prior to the IPY-OSC conference, the polar community of Portugal got together in late April 2010 and spent a day showing their work done during the International Polar Year (IPY). The number of teams and young researchers triplicated in the last 3 years, with 15 polar research teams and more than 50 scientists, of which most are early career scientists. The minister of Higher Education and Technology and the President of the Foundation for Science and Technology attended and emphasized the brilliant work we have been doing, including the work with APECS. Well done all!

<http://apecs.is/apecs-news/1784-politicians-listen-to-portugal-polar-work>

Outputs of Charles Harris Symposium now online

Contributed by Anna Wagner

In September 2009, a symposium that celebrated Professor Charles Harris' contributions to permafrost and periglacial research was held at the UMR Centre national de la recherche scientifique (CNRS) 6143 "M2C"/University of Caen, France. The symposium was organized by Julian Murton and Marianne Font on behalf of the IPA Working Group on Periglacial Landforms, Processes and Climate and the British Permafrost and Periglacial Association. The symposium brought together more than 20 permafrost and periglacial scientists and friends from France, Switzerland, Germany, Norway, Canada, Japan and the UK.

The outputs of the symposium as well as photo and video material from Charles Harris' research are now available online at http://ipa.arcticportal.org/files/charles_harris/index.html. These include photos from the symposium, presentations as well as pictures and videos of Charles Harris' experiments at the Caen Laboratory.

SCAR Open Science Conference (Buenos Aires, August 2010) Travel Grant results NOW AVAILABLE

A Note from Renuke Badhe, Executive Officer of the Scientific Committee on Antarctic Research:

For those of you who applied for travel grants to attend the SCAR Open Science Conference this August, the results are now available at the SCAR website (<http://www.scar.org/events/>).

The people on the list should look out for an email advising them of the amount of their grant, and the procedure for claiming it. Please check in the email address you provided on the application form, as well as in your Spam folder BEFORE you contact Renuke.

Please remember to confirm with Renuke Badhe via email, whether you intend to take the grant up, latest by the 1st of July. Due to the large volume of applications, SCAR apologizes for not contacting each applicant personally.

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>.

Synoptic airborne thickness surveys reveal state of Arctic sea ice cover

Contributed by Nikolay Koldunov

Plasticity versus repeatability in seabird migratory behaviour

Contributed by Erli Costa

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

Contributed by Gifford Wong



A. Gaden

Message from the Director

A Precious Moment of Polar History

A big thank you to the Research Council of Norway for having the foresight to include young researchers in the Oslo conference in such a meaningful way. A great opportunity for all of us! This month I am taking the opportunity to share with you one of my favorite moments of the conference.

Sunday night, 6 June, Hugues Lantuit, myself and several members of the conference steering committee were invited to join the 100th Anniversary celebration of the launch of the Fram Expedition that headed to the South Pole (http://en.wikipedia.org/wiki/Roald_Amundsen). The event was at Roald Amundsen's House in the Oslo Fjord with all the decedents of the explorers on that historic expedition. I was fortunate enough to meet Liv Arnesen there - the first woman to ski solo and unsupported to the South Pole (in 1994: <http://livarnesen.com/>). Liv and I discussed many of her adventures and she told me about her upcoming expedition in 2011 with Ann Bancroft and women from every continent who will again ski to the South Pole to raise awareness of our precious water resources. This will be a great thing for those of you interested in outreach to get involved with - more details coming soon :)

After a few hours at the party, this amazing old pirate ship came sailing past Amundsen's house and stopped. Hugues and I and the conference organizing gang boarded a few zodiacs and joined the ship - which was full of all the APECS and PolarTEACHERS workshop participants. Liv came with us too as she was in search of Johnny Depp :-). Thanks to all of you on that ship for making that night such a fun and memorable experience. Ahoy!



G. Fugmann

 The Research Council of Norway





New Members

This month we had 52 new members from 21 countries. Welcome to APECS and we look forward to working with you to shape the future of polar research.

Marcus Zanicchi - Undergraduate
- Oceanography United Kingdom

Eric Collins - Postdoctoral Researcher
- Microbiology Canada

Kaitlin Keegan - Doctoral Student
- Geosciences United States

Bettina Kaiser - Other
- Social Sciences Germany

Mathilde Mansoz - Masters Student
- Social Sciences Sweden

Magdalena Łacka - Doctoral Student
- Geosciences Poland

Breanne Reinfort - Masters Student
- Social Sciences Canada

Marina Chichaeva - Doctoral Student
- Oceanography Russia

Dolores Deregisbus - Doctoral Student
- Ecology Argentina

Ndri Fae - Economics
Côte d'Ivoire

Silvia Jerez Rodríguez - Doctoral Student
- Toxicology Spain

Ypie Aalders - Doctoral Student Netherlands

Seth Kruckenberg - Postdoctoral Researcher
- Geology United States

Tara Ford - Doctoral Student
- Social Sciences United States

Leonardo Santi - Research Scientist
- Oceanography Brazil

Dagmar Obbels - Doctoral Student
- Microbiology Belgium

Ines Tavernier - Doctoral Student Belgium

Lena von Harbou - Postdoctoral Researcher
- Marine & Freshwater Biology Germany

Jenny Bradley - Doctoral Student
- Engineering United Kingdom

Johann Philipp Klages - Masters Student
- Geosciences Germany

Maria Lvova - Doctoral Student
- Political Sciences Norway

Andrea Caburlotto - Postdoctoral Researcher
- Geosciences Italy

Paul Wilkinson - Doctoral Student
- Microbiology United Kingdom

Maja Rogalska - Masters Student
- International Relations Poland

Piotr Graczyk - Doctoral Student
- International Relations Poland

Virginia Santos - Masters Student
- Oceanography Brazil

Ryan Wilson - Doctoral Student
- Environmental Science United Kingdom

Aline Barbosa da Silva - Masters Student
- Remote Sensing Brazil

Marion Bandet - Postdoctoral Researcher
- Engineering United Kingdom

Aurelie Goutte - Doctoral Student
- Ecology France

James Cohen - Doctoral Student
- Environmental Science United Kingdom

Marcus Jack - Undergraduate
- Social Sciences Burundi



New Members, continued

Åsmund Skjæveland - Doctoral Student Norway

Geilfus Nicolas-Xavier - Doctoral Student
- Environmental Science Belgium

Anton Novichikhin - Masters Student
- Geosciences Russia

Jan Nadachowski - Doctoral Student
- Geosciences Poland

Gemma Rueda - Doctoral Student
- Environmental Science Spain

Chris Ware - Masters Student
- Ecology Australia

Sílvia Lourenço - Doctoral Student
- Marine & Freshwater Biology Portugal

Neelu Singh - Masters Student
- Environmental Science India

Peter Pulsifer - Postdoctoral Researcher Canada

Luciano Gandin Machado
- Doctoral Student - Geology Brazil

Arve Lynghammar - Doctoral Student
- Marine & Freshwater Biology Norway

Chris Oosthuizen - Doctoral Student
- Ecology South Africa

Dmitry Sharapov - Undergraduate
- Engineering Russia

Jo Browse - Doctoral Student
- Meteorology & Atmospheric Sciences United Kingdom

Anna Mikheeva - Doctoral Student
- Remote Sensing Russia

Meetings & Workshops

APECS SESSION in European Science Open Forum ESOF 2010 in Torino

2-7 July 2010



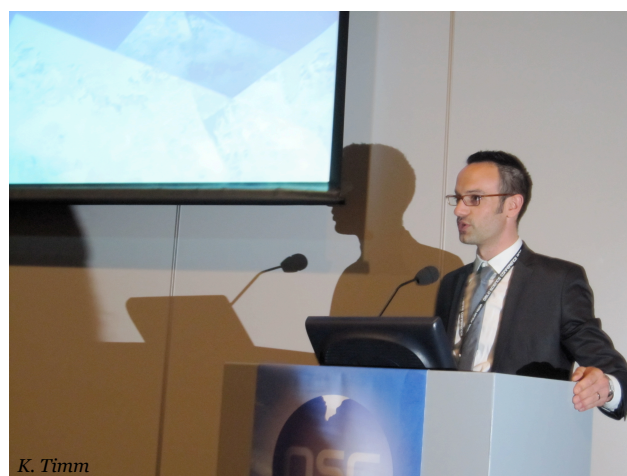
Energy and Enthusiasm is Contagious: How early career scientists can help the world reach excellence in science? Today, a successful early career scientist has to do brilliant research, publish in top journals, effectively communicate their work at conferences, and be actively involved in policy making,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

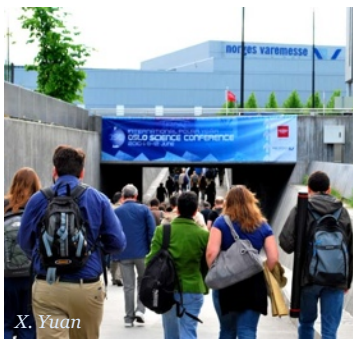
<http://apecs.is/events/details/148-apecs-session-in-european-science-open-forum-esof-2010-torino-july>

Symposium on the Politics of Antarctica

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

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





Meetings & Workshops (cont.)

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

11 - 14 July, 2010

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



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

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

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

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

<http://apecs.is/events/details/184-scar-xxxi-aamp-open-science-conference>

UKPN Circumpolar Remote Sensing Workshop

20 September 2010

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



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

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

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

3 - 6 August 2010



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

The science programme of the OSC will consist of up to 53 sessions on 4 themes: (i) Connectivity and cross-scale interactions; (ii) Tipping points; (iii) Ecosystem health; (iv) Continuity and change.





F. Fernandez



Y. Sjöberg



Y. Sjöberg

Meetings & Workshops (cont.)

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>

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

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>.



X. Yuan



K. Timm



K. Timm

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.

Terrestrial Ecosystem Feedbacks to Climate Change: Vulnerability of Permafrost Carbon

Department of Biology, University of Florida, U.S.A.

Posted by: Kim Jochum

Full-time environmental data center technician position in Alaska

Environmental Data Center, Toolik Field Station, University of Alaska, Fairbanks, U.S.A.

Posted by: Jen Rhemann

Deputy Office Head - Office of Polar Programs

National Science Foundation, Arlington, Virginia, U.S.A.

Posted by: Torsten Sachs

Two new positions in Physical Geography

Victoria University, Wellington, New Zealand

Posted by: Layla Osman

4-year Post-Doc

University of Oslo, Oslo, Norway

Posted by: Layla Osman

Phd position

Northumbria University

Posted by: Layla Osman

PhD position in coupled atmosphere-ocean-sea ice modelling of the Southern Hemisphere

LEGI, Grenoble, France

Posted by: Angelika Renner

Two postdoc positions

Scripps Institution of Oceanography, La Jolla, California, U.S.A.

Posted by: Angelika Renner

Research Scientist: 'Seachange Project'

NCAS Climate, University of Reading, U.K.

Posted by: Angelika Renner

Post-doc Nonlinear Dynamics of Oceanic Internal Waves

LEGI, Grenoble, France

Posted by: Angelika Renner

Science Officer Sustainability Research

International Council for Science

Posted by: Mare

Postdoc Opportunity in Ice Core Trace Gases

University of Oregon, U.S.A.

Posted by: Layla Osman

Volunteer Elephant Seal Research Assistants for Winter 2010/2011 on Southeast Farallon Island, CA

PRBO Conservation Science, U.S.A.

Posted by: Layla Osman

Science assistant/technician in the field of glaciology

Norwegian Polar Institute, Tromsø, Norway

Posted by: Allen Pope

Two permanent research scientists positions at SMHI, Oceanography Research Unit

Swedish Meteorological & Hydrological Institute, Norrköping, Sweden

Posted by: Angelika Renner

Snow remote sensing

Boise State University, Boise, Idaho, U.S.A.

Posted by: Francisco Fernandez

Post-doctoral position in Hydrology

Nicholas School of Environment, Duke University, Durham, North Carolina, U.S.A.

Science Programmer position at NSIDC

NSIDC, Boulder, Colorado, U.S.A.

Posted by: Layla Osman

Research Fellow Social Anthropology Northern Russia

Department of Archeology and Social Anthropology, University of Tromsø, Tromsø, Norway

Posted by: Mare



F. Fernandez



F. Fernandez



F. Fernandez

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.

Canadian Arctic Policies - A Canadian Strategy for the Arctic Region

Contributed by: Marcel Sachse

Corporate Environmental Responsibility: Implications for the Resource-Extracting Companies of the Arctic

Contributed by: Alena Ingvarsdottir

Subglacial Meltwater Drainage at Paakitsoq, West Greenland: Insights from a Distributed, Physically Based Numerical Model

Contributed by: Alison Banwell



K. Timm



J. Rhemann

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
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
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