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Shaping the Future of Polar Research

December 2011

In this APECS Newsletter:

- [APECS Features](#)
- [From the President](#)
- [Featured Sponsor](#)
- [From the Director](#)
- [APECS News](#)
- [APECS Event List](#)
- [APECS Featured Webinars](#)
- [News from our Partners](#)
- [New Polar Job Listings](#)
- [New Virtual Posters](#)
- [Polar News](#)
- & -[New APECS Members](#)



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For more, visit the [APECS Photo Galleries!](#)

THIS MONTH'S FEATURES

[APECS members attend CAFF meeting](#)



Two APECS members, Lars O Mortensen and Anders Birk Nielson, recently represented APECS at the Conservation of Arctic Flora and Fauna (CAFF), Circumpolar Biodiversity Monitoring Program (CBMP), Terrestrial Biodiversity Workshop Understanding Biodiversity Changes and Causes Synergies in Arctic Terrestrial Biodiversity Research and Monitoring in Denmark, October 12-14, 2011.

[Read more](#)

[APECS is more than 3 000 members!](#)

Felicitations to Omar Mahamoud from Ghana to become the 3 000 member on November 17!!! Since its inception, five years ago, APECS has been growing amazingly reaching at the end of the month 3018 members. APECS members are early career scientists ...

[Read more](#)

[Celebrate Antarctica Day with us!](#)

FROM THE PRESIDENT

[Frosty Hello APECS Members!](#)

 AntarcticaDay_2011 Although the Polar Night is upon us in the Arctic making people a bit sleepy, we are celebrating the light and energy in the southern hemisphere with Antarctica Day ...

[Read more](#)

[About The Executive Committee](#)

FEATURED SPONSOR



Visit the [Norwegian Polar Institute's webpage](#) for more information.

FROM THE DIRECTOR

[Norway in the Antarctic](#)

1 December is Antarctica Day. This young tradition, inaugurated in 2010, celebrates the signature of the Antarctic Treaty on 1 December 1959 and the worldwide significance of this landmark (www.apecs.is/antarctica-day). APECS seized this opportunity to host ...

[Read more](#)

[APECS Conference Tips webpage available](#)

Are you already planning to attend your next conference? We all know that one of the most important parts of establishing a successful science career (or any career for that matter) is the network of colleagues you create. Conferences are a great way to meet people, share your ideas, develop new projects, learn new techniques, find your next employer or employee, and sometimes even have a little fun. APECS has created a ...

[Read more](#)

[Read More Features Here](#)



[APECS Mentor Panel Discussion - CAREX](#)



A mentor panel discussion 'Careers in polar extremophiles: research and opportunities' organized by APECS was held in the evening of 19th October as part of the CAREX Conference on Life in Extreme Environments. The panellists included Dr. J. Cynan Ellis Evans (British Antarctic Survey, UK), Dr. Ad Huiskes (Netherlands Institute for Ecology, The Netherlands), Dr. Josef Elster (Institute of Botany, Czech Republic), Dr. Liz Bagshaw (University of Bristol, UK) and Prof. Katja Sterflinger (ACBR, Austria). Approximately 30 participants ...

[Read more](#)

[ExCom updates](#)

On 29 November, the APECS Directorate and the ExCom had another online skype meeting to discuss the progress of our organization and a number of important details. We have been

 Amundsen, south pole Many of our members are either already working hard in their field camps on the world's highest, driest, coldest, and windiest continent and many more are getting ready to head to the frozen paradise. So as we continue to celebrate "Antarctic Day" this month, I also wanted to share with you some ...

[Read more](#)

[More On The APECS Directorate Here](#)



[Arctic Frontiers Young Scientist Forum Speed Networking Reception](#)

[APECS Executive Committee Meeting](#)

[Arctic Frontiers Young Scientist Forum](#)

[2012 Tromsø Research Funding Seminar](#)

[APECS Mentor Panel at AGU 2011 Fall Meeting](#)

[Jokkmokk Winter Conference 2012](#)

[IPY Montreal 2012 Career Development Workshop](#)

looking into a new webinar conferencing tool as the agreement with the University of Canterbury is running out – and we are happy to report that we will be using ...

[Read more](#)

First RAC meeting of the 2011/12 term

This term's research activities committee (RAC) encompasses 21 members covering a large number of research disciplines. New represented research areas include marine ecology, terrestrial biology and circumpolar health while the marine biology and microbial ecology sections have grown significantly. The RAC co-chairs are Julia and Inga ...

[Read more](#)

Speed Networking in Tromso

Following a great addition to the [Arctic Frontiers Young Scientist Forum](#) activities, APECS and [Arctic Frontiers](#) ...

[Read more](#)

Sneak peak: DOM for January is Limnology

In preparation for January's discipline of the month, we welcome your contributions. If you have worked on aquatic ecology at either Pole during your bachelor, master, PhD, post-doc, or field assistant days, ...

[Read more](#)

APECS Helps in Planning IPY From Knowledge to Action Conference

A group of APECS members have met in Montreal on the 20-23 November 2011 for the IPY 2012 Program and Steering Committee Meeting. The goal of the meeting was to finalize the scientific, education and outreach programs for the conference ...

[Read more](#)

ANDRILL and ARISE: a win – win collaboration between scientists and educators....

The recent paper by Cattadori, Florindo and Rack on [GEOSPHERE](#) talks about the successful

APECS at AGU

[Click Here To See More Polar Events](#)



Lots of great new things for you to watch and learn from in your spare time. For more visit our video gallery:

<http://apecs.is/multi-media/video-gallery>.

You can also add links to some of your favorite videos on YouTube, Vimeo and almost anywhere else on the web!



Introduction to Arctic System Science and an overview of Permafrost and Thermokarst

<http://apecs.is/multi-media/video-gallery/viewvideo/94/webinars-a-workshops/introduction-to-arctic-system-science-permafrost-and-thermokarst>

People and Permafrost

<http://apecs.is/multi-media/video-gallery/viewvideo/95/webinars-a-workshops/people-and-permafrost>

Arctic Geomorphology: Causes and Consequences of Topographic Change

<http://apecs.is/multi-media/video-gallery/viewvideo/99/webinars-a-workshops/geomorphology>

Permafrost degradation: Ground Thermal and Hydrologic Responses

<http://apecs.is/multi-media/video-gallery/viewvideo/100/webinars-a-workshops/permafrost->

educational program ARISE developed in the contents of the project ANDRILL. Here the abstract: Since its first field season (2006–2007), the ANDRILL (Antarctic Geological Drilling)...

[Read more](#)

[APECS to help Russian young scientists develop international collaborations...](#)

 21-23 November APECS was invited to participate in the interregional forum titled "International Collaborations of young scientists: Northern Dimensions" ...

[Read more](#)

[The Virtual Poster Session at the 6th Munin Conference - Enhanced publications...](#)

When the call for abstract for this year's Munin Conference, an annual conference on scientific publishing, went out, the topic of "Enhanced publications" and a focus on open access and innovative science communication and publishing sounded a perfect fit to present the concept of and our experience with the APECS Virtual Poster Session ...

[Read more](#)

[New Italian E&O blog "The Antarctic Prof"](#)

 Mariacira Veneruso Mariacira Veneruso, one of the teachers that participated in the first edition of the Italian Polar Summer School for teachers ([SPES](#)) was selected to participate ...

[Read more](#)

[Pope to Represent APECS on Steering Committee](#)



APECS is happy to nominate Allen Pope to serve as a representative to the Steering Group which will develop a Concept Note for a long-term polar research, observations, and services activity...

[Read more](#)

[Arctic Futures Symposium 2011 in Brussels](#)

[degradation-ground-thermal-and-hydrologic-responses](#)

Permafrost carbon and climate feedbacks in a warmer world

<http://apecs.is/multi-media/video-gallery/viewvideo/101/webinars-a-workshops/permafrost-carbon-and-climate-feedbacks-in-a-warmer-world>

Soils, Microbes, and Landscape changes

<http://apecs.is/multi-media/video-gallery/viewvideo/102/webinars-a-workshops/soils-microbes-and-landscape-changes>

Arctic Vegetation

<http://apecs.is/multi-media/video-gallery/viewvideo/103/webinars-a-workshops/arctic-vegetation>

Biogeochemistry of the Arctic System

<http://apecs.is/multi-media/video-gallery/viewvideo/104/webinars-a-workshops/biochemistry-of-the-arctic-system>

Arctic Lakes

<http://apecs.is/multi-media/video-gallery/viewvideo/105/webinars-a-workshops/arctic-lakes>

[Click Here For More Webinars!](#)



[International PhD Program in Microbiology](#)

[Two scientists in Sea Ice Physics](#)

[Postdoctoral Candidate in Oceanography](#)

[Postdoctoral Fellow](#)

[Ecohydrologist/Ecosystem Ecologist](#)

 [Arctic_Futures_Symposium_2011_2](#) The Arctic Futures Symposium 2011, organized by the International Polar Foundation (IPF) and the Prince Albert II of Monaco Foundation took place in Brussels from October 12 – 14. Discussions...

[Read more](#)

[APECS-Belgium workshop](#)

The Association of Polar Early Career Scientists Belgium Invites you to the Belgian Young Researchers Antarctica Day workshop. The workshop is free (including sandwich lunch) but registration is required ...

[Read more](#)

[Read More APECS News Here](#)



[The Future of Arctic Sea Ice Research and Forecasting workshop](#)

The Polar Research Board in the Division of Earth Life and Studies at the National Academies have created an ad hoc committee that will plan and conduct a public workshop that outlines the current state of Arctic sea ice research, discusses knowledge gaps, and identifies emerging or important new science questions for the coming decade.

[Scott's Forgotten Surgeon Book Available](#)

A new book entitled "Scott's Forgotten Surgeon; Dr. Reginald Koettlitz, polar explorer," is available. The book was written by Aubrey A. Jones and published by Whittles Publishing, Caithness, Scotland.

[NSIDC Online Newsletter Available](#)

The National Snow and Ice Data Center (NSIDC) announces the release of the Fall 2011 newsletter NSIDC Notes, issue Number 77. The issue is available at: <http://www.nsidc.org/pubs/notes/>.

[Nunavik Bibliography Database Available Online](#)

The Makivik Corporation, Aboriginal Affairs and Northern Development Canada, Canadian

[Science Officer](#)

[Postdoctoral Fellow](#)

[Environmental Chemistry or Environmental/Chemical Engineering](#)

[2 Phd Positions – Arctic Coastal erosion – Alfred Wegener Institute, Germany](#)

[Tenure-track Research Scientist](#)

[PhD opportunities related to the study of cosmic dust](#)

[Post-doc: Cloud & Aerosol Processes group](#)

[Ph.D. position in soil isotope geochemistry](#)

[Assistant or Associate Professor in Ecosystem Ecology](#)

[Engineer within the fields of optics, electronics, physics, electrical engineering](#)

[Post-doc in global ocean forecasting](#)

[Scientific software development position](#)

[PhD in in meteorology](#)

[Assistant Prof/State Climatologist](#)

[Postdoctoral Fellow in Aerosol Chemistry and Human Health](#)

[Assistant Professor - Geophysics](#)

[Tenure-track Faculty Position in Environmental Geochemistry](#)

[Assistant or Associate Professor tenure-track position, Meteorology](#)

[Research Fellow in South Asian Precipitation](#)

[Click Here For More Polar Jobs!](#)



Arctic permafrost thawing may speed warming, say scientists

Circumpolar Institute, Arctic Institute of North America, and the Centre D'etudes Nordiques announce the availability of the Nunavik Bibliography, which describes 6,600 publications and is available for free at: <http://www.aina.ucalgary.ca/nunavik.Ookpik.org> - [Circumpolar Young Leaders Program](#)

The International Institute for Sustainable Development is running a **2012 Youth Leadership Program** that is focused on the upcoming International Polar Year (IPY) conference (held from 22 - 27 April 2012 in Montreal, Canada).

[November Svalbard Science Forum News](#)

25.11.2011: News from Eastern Svalbard
18.11.2011: Rocket launch over Svalbard
15.11.2011: Svalbard reindeer, a life story
09.11.2011: Greenland sharks, sluggish giants or fierce predators?
04.11.2011: Toxin levels in gull blood

[ESA Earth System Monitoring & Modelling Summer School](#)

ESA Earth Observation Summer School on "Earth System Monitoring & Modelling" (30 Jul -10 Aug 2012, Frascati, Italy)

On the occasion of the 6th EO Summer School on "Earth System Monitoring & Modelling", the "European Space Agency" (ESA) would like to invite young researchers to join leading experts in Earth Observation, Modelling and Data Assimilation for keynote lectures, hands-on computing practical and poster sessions.

[PYRN stipends at TICOP](#)

The Government of the Yamal-nenets Autonomous District will give financial support to permafrost young researchers to participate in the 10th International Conference on Permafrost

[Polar Research Board newsletter now available](#)

The Polar Research Board newsletter is now available. It includes info on IPY events at Montreal 2012, the webinar dedicated to Antarctica Day on 1 December 2011, info on the next SCAR OSM in Portland Oregon in 2012 and much more!

[A new hardcover photography book about polar science titled "Science on Ice" has been](#)

[Plunge in CO2 put the freeze on Antarctica](#)

[Drop in carbon dioxide levels led to polar ice sheet, study finds](#)

[Zoologger: Chill out with the world's coldest insect](#)

[Subra Suresh on the Ice](#)

[Without Pier](#)

[Magnetic pole reversal happens all the \(geologic\) time](#)

[Baby Seals Need the Nicest Ice](#)

[Climate change may happen more quickly than expected](#)

[Abrupt permafrost thaw increases climate threat, experts say](#)

[Read More Polar News Here](#)



This is a list of a few of our newest APECS members. Click on their names and login to the APECS website to read more about these great researchers! Or, find more connection by searching the [APECS member database](#).

[Tobias Schneider](#)

Canada, Doctoral Student

[Antti Eloranta](#)

Finland, Doctoral Student

[published](#)

An oceanographer and award-winning photographer, Linder chronicles four polar expeditions in this richly illustrated volume: to a teeming colony of Adélie penguins, through the icy waters of the Bering Sea in spring, beneath the pack ice of the eastern Arctic Ocean, and over the lake-studded surface of the Greenland Ice Sheet.

[Read More Partner And Sponsor News Here](#)



[Clams and Calcium Pathways in a Changing World](#)

[Nitrogen amendment use by microbial communities in hydrocarbon-contaminated Arctic soils](#)

[Thermophiles in a polar volcanic desert](#)

[Geophysical monitoring of different permafrost forms within the Murtèl- Corvatsch Area, Upper Engadin](#)

[Wanna Organize a Virtual Poster Session?](#)

[Validation of the GEOTop Model in a Continuous Permafrost Basin in the Arctic](#)

[Airborne investigations of summertime katabatic winds and boundary layer structures over the NOW polynya near Greenland](#)

[Read More Posters Here](#)

[Alexander Popp](#)

Serbia, Undergraduate

[Adriana Maria Gulisano](#)

Argentina, Postdoctoral Researcher

[Susana Vazquez](#)

Argentina, Research Scientist

[Felix Hsu](#)

Germany, Undergraduate

[Josefine Lenz](#)

Germany, Doctoral Student

[Michelle Levish](#)

United States, Undergraduate

[Ana Carvalho](#)

United States, Doctoral Student

[Sunal Ojha](#)

Nepal

[Brooks Patton](#)

United States

[Jackie Goordial](#)

Canada, Doctoral Student

[Teemu Palosaari](#)

Finland, Postdoctoral Researcher

[Astrid Surmatz](#)

Netherlands, Faculty

[Irina Zhilina](#)

Russia, Masters Student

[Helen Burns](#)

United Kingdom,
Undergraduate

[Stefanie Klebe](#)

Germany

[Sathish Prasad](#)

India, Postdoctoral Researcher

[Javier Bolibar](#)

Spain, Masters Student

[Lea Jacobsen-Guy](#)

United States, Undergraduate

[Sinem Tulpar](#)

Australia, Undergraduate

[Ilya Shevchenko](#)

Russia, Undergraduate

[Viaceslav Jurkin](#)

Lithuania

[Dorin Lozovanu](#)

Moldova, Postdoctoral
Researcher

[Vineet Jain](#)

India

[Devin Castendyk](#)

United States, Faculty

[Simon Wenkel](#)

Germany, Undergraduate

[Joao Barbosa](#)

Brazil

[Muhammad Adlan Abdul Halim](#)

Malaysia, Masters Student

[Øystein Kristiansen](#)

Norway

[Omar Mahamoud](#)

Ghana, Masters Student

[Manuel Helbig](#)

Germany, Masters Student

[Sarah Payne](#)

Australia, Masters Student

[Sebastian Zubrzycki](#)

Germany, Doctoral Student

[Stefan Keiderling](#)

Norway, Masters Student

[Helen Anderson](#)

United Kingdom, Doctoral Student

[Sabine Bettina Rumpf](#)

Austria, Masters Student

[Kristin Schild](#)

United States, Doctoral Student

[Mairi Fenton](#)

United Kingdom

[Osaretin Amadin](#)

Nigeria, Undergraduate

[Daniele Karlicek](#)

Italy

[Dylan Anslow](#)

United States, Undergraduate

[Andrew Duncan](#)

Canada, Undergraduate

[Glenn Grant](#)

United States, Masters
Student

[Matthias Wietz](#)

Germany, Postdoctoral
Researcher

[Kristin Poinar](#)

United States, Doctoral
Student

[Clare Green](#)

United Kingdom, Postdoctoral
Researcher

[Birgit Brandlmeier](#)

Germany, Masters Student

[Maria Zamyatina](#)

Russia, Undergraduate

[Sebastián Cisternas](#)

Chile, Masters Student

[Find More APECS Members Here](#)

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