



One learns more from listening than speaking. And both the wind and the people who continue to live close to nature still have much to tell us which we cannot hear within university walls.

(Thor Heyerdahl, Norwegian, Explorer)

The Arctic summer is approaching, that unique time when the sun never sets and Arctic nature has just a couple of weeks to blossom. This summer, APECS would like to blossom with questions and make young polar scientists inquire about our research milestones, concepts and dreams. The Research Activities Committee prepared for us a great platform for discussion and dialogue between disciplines, schools and various research approaches. Please be active on our literature discussion forums and tell us about your understanding of polar systems. I would also like to encourage all members, before their move to the field, before all samplers and measurements will be set in motion, to take a few minutes to update your membership profile on our webpage and let us know about the place that you are visiting to explore and learn all these things, which we cannot discover within university walls. Share ideas, share places, share your Arctic and Antarctic with us...

And now, please take a look at what we prepared for you this month:

- Matt Strzelecki, APECS Vice-President

In this month's newsletter ...

1.) APECS News and Updates

- <http://www.apecs.is/> - new section to explore - www.apecs.is/resources
- APECS Virtual Poster Session – awarded by the Nordic Council of Ministers
- News from the ExCom – APECS invited to Staszic Palace in Warsaw for post-IPY conference
- Become an APECS representative on SCAR Scientific Committees
- Upcoming Council Calls
- Two new members of APECS Council – Welcome Cassie and Matteo!!!
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3.) Important news from APECS partners

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4. The International Institute for Sustainable Development Report
5. The 2008 Annual Report of the Arctic Institute of North America

4.) Meetings, Workshops and Conferences

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- SCAR Biology Symposium APECS Panel Discussion
- APECS at Antarctica New Zealand's Annual Antarctic Conference
- APECS Climate Session at First World Young Earth-Scientists (YES) Congress 2009

5.) Jobs/Opportunities

APECS News and Updates

1. <http://www.apecs.is/alive!>

We now have a resources section with all the great stuff: www.apecs.is/resources
Here you'll find loads of ideas for journals to read, organizations, to learn more about and examples of educational programs that you might take a course from.

2. APECS Virtual Poster Session – awarded funds by the Nordic Council of Ministers

We are pleased to announce that the Nordic Council of Ministers has awarded APECS 57,000 DKK to help with the APECS Virtual Poster Session.

For more information, visit: <http://apecs.arcticportal.org/index.php/virtual-poster-session.html>

3. News from the APECS Executive Committee

On 5th of June 2009, APECS will be present at Staszic Palace in Warsaw, Poland, for a conference summarizing major achievements of the IPY. Matt Strzelecki was invited by the Committee on Polar Research of the Polish Academy of Sciences to give a talk about APECS and the role of young scientists in shaping the future of polar research. :)

4. Apply to represent APECS on SCAR Scientific Committees

APECS has been invited to nominate representatives to join each of the SCAR scientific working groups. The APECS member selected will be invited to join the business meetings, held as part of the open science conference in Buenos Aires in July 2010*.

In order to be considered for one of these roles the APECS member must fulfil the following criteria:

1) Be actively involved in Antarctic research in a discipline that is compatible with the SCAR scientific group.

2) Be able to attend the meeting in July 2010*

* Funding cannot be guaranteed by SCAR or APECS so it would be an advantage if the APECS representative was either in the country of the meeting or is already planning to attend and therefore does not require full funding.

3) Be a member of APECS

We are looking for serious and responsible upper level PhD students or postdoctoral researchers or early career faculty members to fill these positions. This is a unique opportunity to be the representative of the future of polar science in SCAR planning activities in your field of research. You will be participating in science planning at a high level.

If you wish to apply for one of these positions please complete the application form and send to APECSinfo@gmail.com by 26 June 2009.

Visit: <http://www.apecs.is/SCARcommittees> for more information.

5. Coming Council Calls

As you know, the APECS Executive Committee has initiated monthly Conference calls as a way to keep everyone better connected, share new ideas, get in touch with the advisory committee, national committees, and get to know each other better. These calls are open to all members interested in what is going on and how to get more involved.

- Thursday, 11 June, 1900 GMT - Chaired by APECS President Daniela Haase
- Tuesday, 14 July, 2000 GMT - Chaired by APECS Vice-President Liz Thomas
- Tuesday, 11 August, 1900 GMT - Chaired by APECS Vice-President Ben Beall
- Thursday, 17 September, 1900 GMT - Chaired by APECS Director Jenny Baeseman (Meet the Applicants for the 2009-2010 APECS Executive Committee)

- Monday, 12 October, 1800 GMT - Chaired by APECS Director Jenny Baeseman (Results of the ExCom Elections and initial ideas for 2009-2010)

If you would like to join one of these calls, just let us know at APECSinfo@gmail.com

6. We are pleased to announce the addition of Cassie Wheeler and Matteo Cattadori as the newest members of the APECS Council.

Read more about Cassie and Matteo at <http://apecs.arcticportal.org/index.php/features/273-cassie-wheeler-joins-the-apecs-council.html> and <http://apecs.arcticportal.org/index.php/leadership/council/2008-2009/261-matteo-cattadori.html>

7. A warm welcome from the Research Activities Committee (Kim Jochum and Loic Jullion)

What is the RAC?

The Research Activities Committee (RAC) was established in January 2009 and is developing into a major group incorporating Research related projects and happenings within APECS; thus initiating and maintaining projects to develop world wide exchange within research categories but also across disciplines within the APECS membership. So far the RAC consists of 16 Discipline Coordinators (DCs), each representing a different Polar research field.

What does the Research Activities Committee do?

The different Discipline Coordinators are responsible for ensuring that information from various disciplines is shared with the entire APECS membership. The Discipline Coordinators collect and disseminate information relevant to the specific discipline area they are responsible for, coordinate forum and literature discussions, support the activities of APECS members regarding the organisation of workshops and seminars, and encourage the establishment of linkages between disciplines through a close cooperation with the other Discipline Coordinators. The Research Activities Committee aims at developing new research questions and approaches that integrate various disciplines and begin to identify and answer the system-level questions necessary for understanding the environs of the Polar Regions.

Major current projects under development

- * Literature Discussion Webpage
- * Virtual Poster Session

If you are interested to support the RAC, any project of the RAC, have any questions or suggestions to make - we are always happy to hear from you. Please contact one of us:

Kim Jochum kimjochum@gmx.de (RAC Chair)

Loic Jullion l.jullion@noc.soton.ac.uk (RAC Co-chair)

For further information see the new webpage:

<http://apecs.arcticportal.org/index.php/research-activities-committee/coordinators.html>

8. APECS Antarctic Treaty Summit Essay Competition

Over the last few months, APECS coordinated and run an essay competition in collaboration with the International Board for the Antarctic Treaty Summit. The winner of the competition is to receive a travel fellowship to attend the Antarctic Treaty Summit, which takes place 30 November to 3 December 2009 in Washington, DC.

We wish to extend our congratulations to **Kate Harris**, a graduate student currently based at MIT, who was selected as the overall winner of the essay contest. Furthermore, we wish to congratulate the two runners-up, **Indi-Hodgson-Johnston**, Australia, and **Jaehee Kim**, South Korea.

At the same time, we want to thank **Paul Berkman** and the International Board for the Antarctic Treaty Summit, with whom it was a pleasure and privilege to collaborate. More information about the essay competition and the Antarctic Treaty Summit can be found on the APECS website.

Message from the Director – Great Exchange Programs at the University of Tromsø

This month I had the amazing opportunity to give the Commencement Address at the University of Wisconsin - Stevens Point's Spring Graduation, where I received my undergraduate degree in 1998. This Graduation Ceremony was held for over 1200 students who completed their B.S., M.S, or Ph.D. degrees, and loads of their friends and family. It was a wonderful experience, and quite an honor for me. When trying to prepare my speech, I received some fun comments from various people. Curt Rice, the Pro-Rector of Research here at the University of Tromsø, told me that he would buy me a beer for every time I mentioned the University of Tromsø in my speech - so I made sure I mentioned it a few times :) Then it occurred to me that I have not told you all about this great University that has generously agreed to host our International Directorate Office.

The University of Tromsø is the Northernmost University in the world and has a number of great programs and degrees - many of which are taught in English. For those of you interested in a semester exchange, there are lots of scholarships available to help fund your stay here. The University of Tromsø offers around 100 programmes of study within a variety of academic subjects ranging from medicine, law and science to economics, psychology, social science, fishery science and the humanities. 20 international Master's degree programmes and a variety of courses taught in English offer international students interesting study options. To learn more about this great University, visit their website (in English) <http://www2.uit.no/www/inenglish> - or just ask me and I'll be sure to forward your question along to the appropriate people that can help answer your question.

Important news from APECS partners

1. IPY Report – here you can find a link to the latest IPY June newsletter

http://www.ipy.org/index.php?ipy/detail/ipy_report_june_2009/

What is more The International Polar Year Publications Database (IPYPD) has been also updated and currently contains over 1400 publications. To explore database and submit your work go to <http://biblioline.nisc.com/scripts/login.dll>

2. NSF polar news

You can find the following NSF news at our website:

- Scientists Return from Expedition to Drill Beneath Frozen Russian Lake
- Arctic Tundra May Contribute to Warmer World
- NSF Announces First Major Award Under American Recovery and Reinvestment Act to the Alaska - Region Research Vessel (ARRV)

Please go to: <http://apecs.arcticportal.org/index.php/all-news/21-news/275-new-polar-news-from-the-us-national-science-foundation.html> to find out more...

3. IASC just published their last newsletter – you can find it under following link:

http://apecs.arcticportal.org/images/stories/newsletters/iasc_progress_may09.pdf

4. The International Institute for Sustainable Development Report recently released a new publication, "Securing a Sustainable Future in the Arctic: Engaging and training the next generation of northern leaders." –

You can find it here: http://www.iisd.org/pdf/2009/securing_sustainable_future_arctic.pdf

If you have any questions or are interested in follow-up work, please contact Carolyee Cuckler cbuckler@iisd.ca

5. The 2008 Annual Report of the Arctic Institute of North America is now available.

To view the report, please go to: <http://www.arctic.ucalgary.ca>.

6. Travel Awards to ESA: SERDP STUDENT TRAVEL AWARDS 2009

The Ecological Society of America (ESA) announces the availability of ten (10) travel awards to students presenting papers at ESA's 2009 Annual Meeting in Albuquerque, NM.

To find out more please go to: <http://apecs.arcticportal.org/index.php/all-news/21-news/253-travel-grants-ecological-society-of-america-meeting.html>

Meetings, Workshops, and Conferences

For all meetings related to polar research, visit:

http://apecs.arcticportal.org/index.php?option=com_eventlist&view=categoriesdetailed&Itemid=43

Report from APECS at the 10th Conference on Polar Meteorology & Oceanography

19 May 2009 from 19.30 h - 21.00 h

Location: Madison, Wisconsin, USA

A special thank you to Ryan Fogt, Cassie Wheeler and Shelley Knuth for organizing a very successful panel discussion/ social at the 10th American Polar Meteorology and Oceanography Conference in Madison, WI on 19 May 2009. In the end, we had 34 participants representing Utah, Wisconsin, Colorado, California, Illinois, Idaho, North Dakota, Ohio, Iowa, the British Antarctic Survey, the United Kingdom, Sweden, CPTEC/ INPE, and Norway. This audience was comprised of 10 Master's students, 12 PhD students, 6 post docs, and 6 scientists. After a lively discussion between the panelists and mentors, everyone went to a local pub to continue conversations and enjoy some cold refreshments.

APECS would also like to give a special thanks to our panelists: John Cassano, Uma Bhatt, Matthew Lazzara, Jennifer Kay, and Daniel Lubin.

We will be posting a podcast of this panel on the website shortly, <http://www.apecs.is/pmo2009>

This event was sponsored by the International Arctic Science Committee and the Scientific Committee on Antarctic Research.

Report from A 'getting to know APECS social' in Riverside, California

On April 18th, in conjunction with Southern California Geobiology symposium at University of California (UC), Riverside, a small and warm APECS breakfast social was held. 10 attendants come from four institutions including University of Southern California, Jet Propulsion Lab of California Institute of Technology, Scripps Institution of Oceanography of UC- San Diego and UC-Riverside. It was indeed an international gathering too as we come from at least four countries including US, Russia, Germany and China. The event was organized by Chao Tang, APECS Microbiology Discipline Coordinator.

<http://apecs.arcticportal.org/index.php/all-news/21-news/258-a-getting-to-know-apecs-social-in-riverside-california.html>

UPCOMING EVENTS

We have some great events coming up this summer thanks to the organization of some great APECS members. Both of these events are panel discussions with mentors at 2 important conferences coming up. Below are more details. Please visit the websites for these events and let us know if you are planning to attend (you can sign up after logging into the website).

APECS Polar Careers Panel Discussion at MOCA-09

21 July 2009 from 18.30 h - 20.30 h

Location: Montreal, Canada

Meeting Room: 520de, in the Palais des congrès Montreal

Mentors:

Dr. Karen J. Heywood, Physical Oceanographer, School of Environmental Sciences

Mr. Claude Labine, President of Campbell Scientific (Canada) Corp. and Arctic Meteorologist

Dr. Ian Allison, Senior Principal Research Scientist, Australian Antarctic Division

- one other panelist yet to be confirmed

For more information, please visit <http://www.apecs.is/moca09> or contact Alexandra Jahn (alexandra.jahn@mail.mcgill.ca)

This event is sponsored by Campbell Scientific Canada, the Global Environmental and Climate Change Center, and the Faculty of Science and Dept. of Atmospheric and Oceanic Sciences at McGill University.

SCAR Biology Symposium APECS Panel Discussion

29 July 2009 at 1300 h - Room TBD

Location: Hokkaido, Japan

Mentors:

Dr. Chuck Kennicutt - SCAR President and Director of Texas A&M Sustainable Development Program

Dr. Pete Convey - Senior Researcher, British Antarctic Survey

- additional panelists yet to confirm

There will also be an APECS Social event and more to be announced shortly.

For more information, please visit <http://www.apecs.is/scarbiology09> or contact Chao Tang (ctango03@ucr.edu)

- Antarctica New Zealand's Annual Antarctic Conference

01.07.2009 - 03.07.2009

Location: University of Auckland - interdisciplinary

Category: APECS Workshop

Workshop: Taking your research further - communicating science to the wider public Do you wish to be more effective communicating your research? Would you like to learn about easy ways to engage the wider public in your science? This workshop will address these questions through a panel discussion with members of the scientific community as well as education and outreach experts. The panel discussion will expose you to a breadth of outreach opportunities and ideas on how to share your research and experiences of Antarctica more effectively with the general public. The workshop will provide you with the opportunity to network with, and learn from, science communicators (media, teachers, educators etc.) and other scientists with a lot of outreach experience. This workshop is run by the Association of Polar Early Career Scientists and sponsored by the Royal Society of New Zealand.

- Panelists yet to be confirmed -

For more information, please contact Daniela Haase Liggett (daniela.haase@canterbury.ac.nz).

For more details on the conference programme and registration please go to:

<http://www.antarcticanz.govt.nz/article/10566.html#19289>

APECS Climate Session at First World Young Earth-Scientists (YES) Congress 2009

Dates: October 25-28th, 2009

Location: China University of Geosciences in Beijing, China.

Website: <http://www.yescongress2009.org/>

The Young Earth Scientists for Society (YES) network, an association of earth scientists under the age of 35 years representing geological societies from around the world, in collaboration with the International Year of Planet Earth (IYPE), is organising a world congress for young earth scientists, policy makers, advisors and decision makers. The conference will discuss global climate, environmental and geological challenges facing today's society, and to establish an interdisciplinary global network of individuals committed to solving these challenges. The YES Congress will be held at the China University of Geosciences, in Beijing, China from October 25-28, 2009. For more information visit

<http://www.yescongress2009.org/>

Jobs/Opportunities

For more details about new positions, please visit: <http://apecs.is/jobs>

Explore Baffin Island this summer!!!!

i2P www.impossible2possible.com is offering a unique opportunity for 4-5 youth aged 17 - 21 to join World Class expedition to Baffin Island in September 2009.

Postdoctoral Researcher in Biology/Ecology, Chemistry, Oceanography at European Institute for Marine Studies (IUEM), Brest-France.

Closing date: Wed Jul 1 2009

Interested individuals should apply by sending a CV, statement of research interests and contact details of three referees by July 1st 2009 to Séverine Thomas (severine.thomas@univ-brest.fr), Director of GIS Europole Mer, Technopole Brest Iroise, 29280 Plouzane, France. Further details on this position can be obtained from Olivier Rouxel (orouxel@whoi.edu)

Postdoctoral Researcher in Oceanography, Physics at University of East Anglia, Norwich, UK

Closing date: Fri Jun 19 2009

The advert is available at <http://www.uea.ac.uk/hr/jobs/ra/ra578.htm> and the deadline for applications is 19th June

Postdoctoral Researcher in Oceanography, Physics at Scottish Association for Marine Science, Oban and University of Edinburgh.

Closing date: Tue Jun 16 2009

The project has links with the Lawrence Berkley Laboratories (US), Woods Hole Inst. of Oceanography (US), the Met Office, the EU Integrated project 'THOR' and the National Oceanographic Centre.

http://www.jobs.ed.ac.uk/vacancies/index.cfm?fuseaction=vacancies.detail&vacancy_ref=3010903

Lecturer/Senior Lecturer in Quaternary Geology and Paleoclimatology – at Department of Geological Sciences, University of Canterbury, New Zealand ,Vacancy No: A085-09J

Closing Date: 5 June 2009

For more information see www.geol.canterbury.ac.nz. Enquiries of an academic nature may be made to Professor Jamie Shulmeister, Acting Head of Department, at james.shulmeister@canterbury.ac.nz.

Postdoctoral Researcher in Biology/Ecology, Environmental Science, Geology, Oceanography at NIOZ Royal Netherlands Institute for Sea Research

Closing date: until a qualified candidate is identified

They offer a post-doc position for 3 years. This includes a pension scheme, a health insurance allowance, a yearly 8% vacation allowance, year-end bonus and flexible employment conditions. Conditions are based on the Collective Employment Agreement of the Research Institutes.

Applications. Applicants should send an application letter, CV with reference list, and a statement of research interest to the HRM Department, attended to ms. J. Evers, NIOZ Royal Netherlands Institute for Sea Research, P.O. Box 59, 1790 AB Den Burg, Texel, The Netherlands or email to: jobs@nioz.nl

Further information can be obtained also from Prof. dr. Jaap Sinninghe Damsté (damste@nioz.nl, +31 222 369550) or dr. Stefan Schouten (schouten@nioz.nl, +31 222 369565).

Graduate Positions in Biology/Ecology at Montana State University, USA

Closing date: Open until filled

Ph.D. students are preferred, but M.S. students may apply. The assistantship includes a stipend, tuition, health insurance and expenses for research. Interested applicants should contact Dr. Christine Foreman (cforeman@montana.edu) and send a letter of interest (prior accomplishments, research experience and interests, future career goals), a CV, transcripts, and GRE scores. Details about the graduate program at Montana State University can be found through the Department of Land Resources and Environmental Sciences (<http://landresources.montana.edu>), and the graduate school (<http://www.montana.edu/wwwdg/>). Start date is summer/fall 2009.

**Graduate Positions in Biology/Ecology, Environmental Science, Permafrost
Quebec, Canada**

Closing date: Open until filled

MASTER or PhD project offer (PhD favoured)

Study of the microbial processes which regulate the production of CO₂ and CH₄ in ponds formed by the melting of permafrost and the factors sensitive to climate that control these processes. Deadline to apply: Until position is filled.

Send your CV along with a letter explaining your motivations to Isabelle Laurion (isabelle.laurion@ete.inrs.ca)

Postdoctoral Researcher in Social Sciences at The Global Environmental Change Group (GECG) the University of Guelph, Ontario, Canada

Closing date: Open until filled

The Global Environmental Change Group (GECG) in the Department of Geography at the University of Guelph announces a postdoctoral fellowship in the field of community vulnerability and adaptation to global environmental change. The position is located in Guelph, Ontario, Canada.

For further information, please go to:

<http://www.uoguelph.ca/gecg>

Or contact:

Mark Andrachuk

Email: mandrach@uoguelph.ca

Graduate Positions in Meteorology, Oceanography, Sea Ice, at University of Calgary, Canada

Closing date: Open until filled

Canatec seeks to hire a recent PhD graduate or a PhD candidate about to graduate. The initial focus of work is a 2 year applied research project to improve existing forecasting techniques for short term drift of arctic sea ice, or develop new ones. The objective of this project is to innovate a suite of commercial products that will be used in Canatec's consulting and operations management contracts to offshore arctic petroleum companies. Working with research colleagues from university and industry in international networks is encouraged, along with scientific publication.

Visit our website at www.canatec.ca. Inquiries or resumes can be sent to Dr. Scott Tiffin, scott_tiffin@canatec.ca.

Graduate Positions in Glaciology at Swansea University, UK

Closing date: Open until filled

An opportunity to undertake important and innovative research in glaciology and gain unique quantitative skills for undertaking environmental research: As part of an initiative to develop collaborative links between the Civil and Computational Engineering Centre and the Glaciology Group, a fully funded 4-year research program leading to a PhD degree is available.

The ideal candidate for this PhD would have a background in a quantitative science, such as geosciences, geophysics, mathematics, physics or engineering. You will also have a strong interest in glaciated regions. For more information please contact Prof. Tavi Murray (t.murray@swansea.ac.uk) in the first instance.

Graduate Research Assistantships Available at Alaska Pacific University

Glaciological and microbiological constraints on fate of human waste, Kahiltna Glacier, Denali National Park, Alaska

For more information contact Dr. Michael Loso

mloso@alaskapacific.edu 907-564-8263

Alaska Pacific University MSES Program info:

<http://www.alaskapacific.edu/Programs/graduate/MSES/Pages/Default.aspx>

5 postdoctoral and PhD positions in ice sheet and climate modeling at

The Ice and Climate group in the Earth System Sciences unit at the Vrije Universiteit Brussel

These positions aim at incorporating improved representations of crucial numerical and physical treatments in existing 3D Antarctic and Greenland ice-sheet models.

Applicants should email a letter of interest and a Curriculum Vitae to Professor Philippe Huybrechts at the E-mail address given below. Review of the applications will begin 15 May 2009 and will continue until the positions are filled.

www: <http://homepages.vub.ac.be/~phuybrec/welcome.html>

Graduate Positions in Glaciology, Physics at Institute of Mathematical Sciences and Technology (IMT) of the Norwegian University of Environmental and Life Sciences (UMB) in Ås, Norway

Closing date: Open until filled

Interested candidates are invited to consult the section of geomatics at IMT, in order to prepare a full proposal. Please contact Prof. Bjørn R. Pettersen (bjorn.pettersen@umb.no, ++47 32136612 or ++47 97585117) or Dr. Christian Gerlach (christian.gerlach@umb.no, ++47 64965462).

OVER 30 OTHER JOB OFFERS AT OUR WEBSITE :

<http://apecs.arcticportal.org/index.php/jobs.html>

Please take a look also at <http://www.earthworks-jobs.com/index.shtml> - probably the biggest job portal for earth sciences!

Reminders

Looking for Arctic and/or Antarctic field experience? Check out the APECS Field School Network

A total of eight field schools taking place during 2009 have been connected through their focus on polar research under the APECS field school network. Connecting the field schools will enhance information exchange between participants from a variety of disciplines and levels of experience. The complete list with links to individual schools can be found on our website <http://arcticportal.org/apecs/field-schools/2009>. If you know of other field schools that are occurring, please contact Harry Borlase, APECS Field School Network Coordinator at hao80004@unak.is.