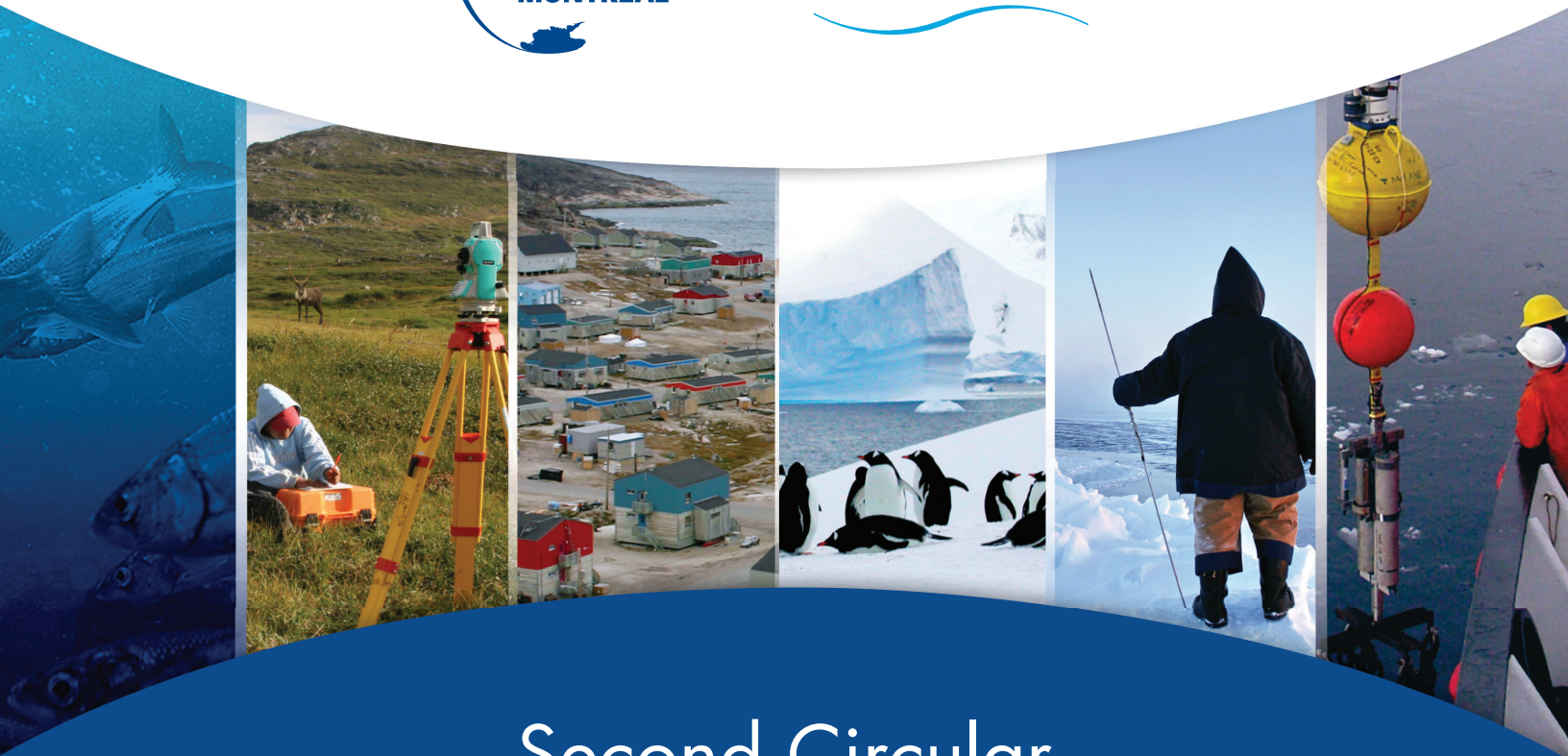


From Knowledge to Action



APRIL 22-27 AVRIL 2012
INTERNATIONAL POLAR YEAR
ANNÉE POLAIRE INTERNATIONALE



Second Circular

www.ipy2012montreal.ca



From Knowledge to Action

Second Circular

The International Polar Year (IPY) 2012 *From Knowledge to Action* Conference features the latest polar research results from global leaders in Arctic and Antarctic science. Endorsed by the World Meteorological Organization (WMO) and the International Council for Science (ICSU) as the third and final conference of IPY 2007 – 2008, the *From Knowledge to Action* Conference will be hosted in Montréal, Canada from April 22-27, 2012.

Occurring at a pivotal time for the environment of our planet, the Conference draws international attention to the Polar Regions and global change. Science continues to enhance our understanding of the critical role that the Polar Regions play in the Earth's systems. What happens at the Poles will not only alter the polar environments, but also change the course of human and economic development at a planetary scale.

From Knowledge to Action will bring together over 2,000 Arctic and Antarctic researchers, policy- and decision-makers, and a broad range of interested parties from academia, industry, non-government, education, Arctic communities, and circumpolar indigenous peoples. Together, these groups will address challenges, share and apply knowledge of the Polar Regions and discuss opportunities and solutions for adapting to global change.

The IPY 2012 Conference will contribute to the translation of new polar scientific findings into an evidence-based agenda for action that will influence global decisions, policies and outcomes over the coming years.

Conference Chair and Steering Committee

The planning of the conference is being led by the Conference Chair, Dr. Peter Harrison, Stauffer-Dunning Chair and Director of the School of Policy Studies at Queen's University in Kingston, Ontario, Canada along with an international Steering Committee made up of representatives of numerous polar science organizations.



Conference Schedule

Each day of the *From Knowledge to Action* Conference will feature a program of keynote speakers, plenary panel discussions, parallel science sessions, as well as dedicated poster sessions. The conference-wide plenaries will explore important themes related to topics of polar change, global linkages, communities and health, ecosystem services, infrastructure, resources and security. Other sessions will provide the opportunity to present and discuss the application of research findings, policy implications and how to take polar knowledge to action. The Conference Steering Committee is currently inviting keynote speakers and welcomes your thoughts and suggestions.

The Conference will open at the Palais des congrès in Montréal with a welcome reception and icebreaker on Earth Day, Sunday, April 22. The official opening ceremony will be held on the morning of Monday, April 23, 2012. A banquet will be hosted on the evening of Thursday, April 26 and will feature a performance by the world-famous Cirque du Soleil. The conference will close in the early afternoon of Friday, April 27, 2012.

	Sunday April 22	Monday April 23	Tuesday April 24	Wednesday April 25	Thursday April 26	Friday April 27
08:30	Side Meetings	Conference Opening	Plenary Keynote	Plenary Keynote	Plenary Keynote	Plenary Keynote
10:00		Keynote: Polar Change	Parallel Sessions	Parallel Sessions	Parallel Sessions	Parallel Sessions
12:00		Lunch/Press	Lunch	Lunch	Lunch	Closing Ceremony
13:30	Earth Day Events & Public Lecture	Parallel Sessions	Parallel Sessions	Parallel Sessions	Parallel Sessions	
15:30		Plenary Panel: Poles & Global Linkages	Plenary Panel: Adaptation to Change	Plenary Panel: Ecosystem Services	Plenary Panel: Communities & Health	
17:00	Registration	Poster Session A	Poster Session A	Poster Session B	Poster Session B	
19:00	Icebreaker Welcome Reception		Polar Film Festival	Polar Film Festival	Banquet	

Important Dates

Call for abstracts: June 15 - September 30, 2011

Application for Student and Early Career Scientist Travel Grants: June 30 - October 31, 2011

Early Bird Registration: September 15, 2011 - February 28, 2012

Late Registration: March 1 - April 27, 2012

Request a Side Meeting or Event: April, 2011 - March 15, 2012

Conference Dates: April 22-27, 2012

Activities and Side Events

For students and early career scientists, the Association of Polar Early Career Scientists (APECS) and the ArcticNet Student Association are working together on a career development workshop entitled *From Knowledge to Careers* to be held April 19-22, 2012. For more information see www.apecs.is/workshops/ipy-montreal-2012. Planning for other events underway include a Polar Educators' workshop, Polar film festival, APECS Networking event and local public events to celebrate Earth Day on April 22, 2012.

Business meetings

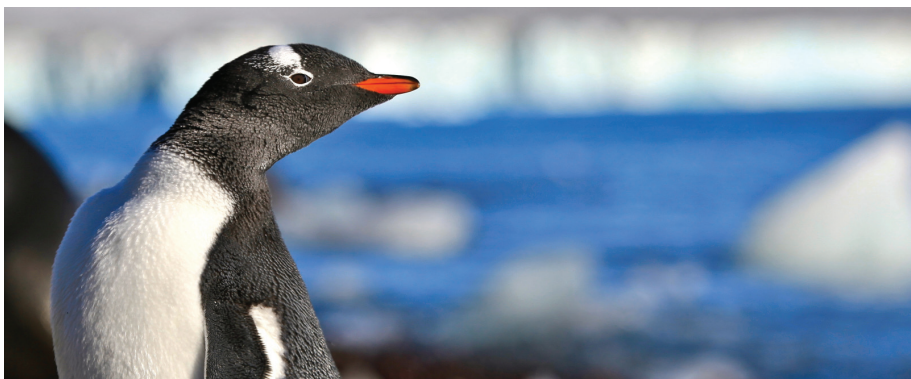
A number of business and side meetings are being organized in conjunction with the IPY 2012 Conference. Arctic Science Summit Week 2012 meetings will be held in Montréal from April 20-22. Other meetings and events are being scheduled for the Arctic Monitoring and Assessment Programme (AMAP), Northern Contaminants Program (NCP), ArcticNet Annual Scientific Meeting, Canadian Society for Circumpolar Health, International Network for Circumpolar Health Research, Standing Committee of Parliamentarians of the Arctic Region (SCPAR), APECS Networking meetings, Arctic Archaeologists and Polar Archaeology Network. Contact the Conference Secretariat to reserve space for your meeting at IPY2012montreal@inac.gc.ca.

Support for Students

Students and early career scientists will benefit from a reduced registration fee of \$400 to attend the IPY 2012 *From Knowledge to Action* Conference. Travel support will be available to students and early career scientists on a competitive basis to support their travel and accommodation to attend the conference. Further information will be made available on the criteria and application process when the Call for Abstracts is issued in June 2011.

Registration Fees

Type	Early Bird 15 Sept. 2011 - 28 Feb. 2012	Regular 1 March - 27 April 2012
General	CDN \$700	CDN \$800
Student & Early Career Scientists	CDN \$400	CDN \$400



Conference Program

The IPY 2012 *From Knowledge to Action* Conference will be one of the largest and most important scientific conferences for polar science and climate change, impacts and adaptation. Keynote presentations, thought-provoking panel discussions and workshops will provide the focal points for translating polar knowledge into actions that will enable people to live in, adapt to, or benefit from, our changing world. The conference program includes four major program areas:

Area 1 - Science Highlights and Area 2 - Synthesis and Integration

Area 1 Chair: Dr. Ian Allison (Australia), International Association of Cryospheric Sciences, Ian.Allison@utas.edu.au

Area 2 Chair: Dr. Louis Fortier (Canada), Scientific Director, ArcticNet- Network of Centres of Excellence, louis.fortier@bio.ulaval.ca

Researchers from all disciplines of polar research are invited to present the latest science results from the Polar Regions, including highlights of IPY interdisciplinary research and ongoing polar research programs, in the numerous topical sessions organised as part of the *Science Highlights* and *Synthesis and Integration* program areas.

Themes explored in Areas 1 & 2 include:

- Polar regions and linkages to global systems and beyond.
- Past, present and future changes in the Polar Regions.
- Polar ecosystems, biodiversity and effects of human activities.
- Human dimension of changes: health, society, culture and resources.
- New frontiers, technologies and data practices in polar research.

Area 3 - From Knowledge to Action

Chair: Dr. Bernard Funston (Canada), Chair, Canadian Polar Commission, bernard.funston@polarcom.gc.ca

Co-Chair: Dr. Paula Kankaanpää (Finland), Director, Arctic Centre University of Lapland, paula.kankaanpaa@ulapland.fi

The terms “knowledge” and “action” are used broadly and are intended to cover knowledge (scientific, indigenous and practitioners’ knowledge) and action (policy, decision making, economic development, innovation...) in all their forms. Area 3 will be an opportunity for gaining insights by comparing Arctic and Antarctic stakeholders’ experiences and perspectives.

Themes explored in Area 3 include:

- The knowledge-action interface: major lessons & findings emerging from the Polar Regions that require, and have potential for, action.
- Creating the conditions for action: factors affecting who uses polar knowledge, when, where, how and for what purposes.
- Polar knowledge in action in sectors and projects: IPY findings that require, have potential for, or have resulted in action.
- Realizing knowledge-to-action in policies, management and decision-making processes at all levels: local to global.

Area 4 - Public Engagement, Education and Outreach

Chair: Ms. Linda Capper (United Kingdom), Head of Communications, British Antarctic Survey, lmca@bas.ac.uk

Scientific research outputs from IPY have deep significance, relevance and benefits to civil society. In the fourth program area of the IPY 2012 *From Knowledge to Action* Conference, participants from around the world will work to advance public engagement to further action on polar issues.

Themes explored in Area 4 include:

- The role of the media in influencing political, business and societal decision-making.
- Harnessing the power of digital media for citizen engagement in polar science.
- Inspiring and enthusing the next generation in the importance and value of science that benefits all.
- Engaging consumer society in the value of polar science for underpinning policy and business decisions relating to energy, climate and food security.

Partnership Opportunities

We are seeking partners and exhibitors interested in joining us to support the IPY 2012 *From Knowledge to Action* Conference. Check out the Prospectus and information on exhibits available on the Conference website (www.ipy2012montreal.ca) to see some of the many opportunities to support this important international Conference and contribute to the application of the new polar knowledge to action.

Montréal: Outstanding Conference City

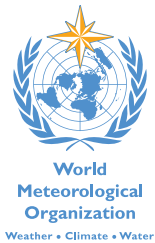
Montréal, Québec is a beautiful, historic city with a population of over 3 million in the Metropolitan area. Both French and English are widely spoken and the city is renowned for its rich cultural and artistic life. The Conference is being held at the Palais des congrès, located in the heart of downtown, within walking distance of Old Montréal, the Saint Lawrence River, as well as numerous excellent restaurants and hotels.

Contact Us

Interested in receiving further information about the conference? Contact us at:

IPY 2012 Conference Secretariat

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Ottawa, Ontario, Canada K1A 0H4
E-mail: ipy2012montreal@inac.gc.ca
Web: www.ipy2012montreal.ca



Canadian Polar Commission
Commission canadienne des affaires polaires

