

ARCTIC FUTURES SYMPOSIUM

BIOGRAPHIES OF SPEAKERS
AND MODERATORS





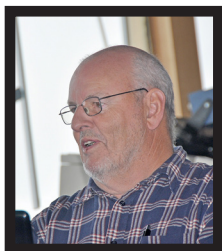
SANDRA ALLNUTT

SENIOR TECHNICAL OFFICER, MARITIME SAFETY DIVISION, INTERNATIONAL MARITIME ORGANISATION

Sandra Rita Allnutt graduated from the Polytechnic School of the University of São Paulo (Brazil) in 1993, as a Naval Architect and Marine Engineer. She went on to obtain a Master of Science in Ship Hull Structures at the same university, whilst starting her career as Assistant Professor at the College of Technology of Jahu, in the State of São Paulo. In Japan (Yokohama) in 1996, she completed a course on Ship Safety and Marine Pollution Prevention, with the Japan International Co-operation Agency (JICA).

In 1998, she studied for a second Master's degree on Maritime Safety and Environmental Protection, at the World Maritime University (WMU) in Sweden. She then started working for Lloyd's Register of Shipping, in Denmark (Copenhagen), as a Structural Plan Approval Surveyor.

In 2001, Mrs. Allnutt moved to Germany (Hamburg), where she worked for Germanischer Lloyd, first in Ship Hull Structure plan approval, and later on Tonnage and Load Lines plan approval, until her appointment to the International Maritime Organization (IMO) as Secretary of the sub-committee on Fire Protection in 2005. In 2010, she took over the Sub-Committee on Stability and Load Lines and on Fishing Vessels Safety. Currently, she is responsible for the newly restructured Sub-Committee on Ship Design and Construction.



ANDERS BACKMAN

HEAD OF POLAR OPERATIONS, ICE COUNCIL CHAIRMAN, VIKING SUPPLY SHIPOWNERS , UNIVERSITY OF GOTHENBERG

Anders Backman is one of the most experienced Master Mariners in Ice-breaking. With Ice-breaker experience from 1962 and onwards, initially as a junior officer and from 1971 as a senior officer, he has been involved in most things connected with Ice-breaking and Ice-breaker design in Sweden and internationally. He led the work of designing and building one of the most successful Ice-breakers to date, the Oden, as well as the "Ice-breaker 2000" project that led to the Viking Class series of combination light Ice-breakers and AHTS.

Anders Backman's polar experience includes being Master of the Oden during several expeditions during the years 198, 1990, 1991 and 1996. The expedition in 1991 made him the first Master to reach the North Pole with a conventionally powered Ice-breaker. The polar experience has continued with Fleet Manager positions during the ACEx 2004 expedition and the Fram Strait Ice Trials conducted in 2009.



LUC BAS

DIRECTOR, IUCN BELGIUM

Luc Bas is the Director of IUCN European Union Representative Office. In his current capacity, Luc represents the IUCN Secretariat and provides leadership and guidance for all activities undertaken within the European Union context in Brussels. Prior to IUCN, Luc has worked as adviser on international sustainable development policies for both the Belgian Federal and Flemish Governments. He was a representative for the Government at the UN Commission on Sustainable Development, the OECD national Sustainable Development expert panel and the Belgium Federal Council, and at various interregional networks on Sustainable Development. More recently, Luc represented The Climate Group in Brussels as its European Director, working with business and government to reach more ambitious EU climate policy and prepare for a true energy transition. As International Director of The Climate Group's States and Regions Alliance he established one of the most significant networks of sub-national governments leading on climate change. Through Luc's leadership the Alliance has now a functioning governance structure, involves leaders of governments from all over the world and uses its technical working groups to feed into the decision making at all levels. Luc is a sought-after speaker and moderator at high-level events on Sustainability and has worked closely with Ministers and business leaders. He holds a Masters degree in industrial engineering and postgraduate degrees in both environmental science and international politics, and he is fluent in English, Dutch, German and French.



HANS BOLSCHER

ASSOCIATE PARTNER, ECORYS

Hans Bolscher was Director for Climate and Industry, responsible for national and international climate and air-quality issues and Arctic policy for the Dutch government (VROM). Later he moved to the Ministry of Economic Affairs a Director for Carbon Capture and Storage. He has strong international roots in trade and international development processes as one of the founding fathers of the Fair Trade movement (as director for Max Havelaar in The Netherlands and founder of the accreditation organization FLO-International). In that role he has cooperated on many initiatives around the globe. His education in development and as a business economist at the Free University Amsterdam reflects his interest in both business and sustainability.

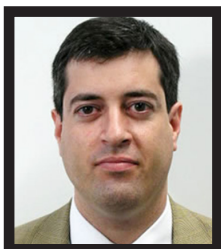
Hans Bolscher works as an independent consultant on several projects together with Ecorys in the fields of Energy, Climate and sustainability with a focus on international aspects for international, national and local authorities.



MICHAEL BYERS

CANADA RESEARCH CHAIR IN GLOBAL POLITICS AND INTERNATIONAL LAW, UNIVERSITY OF BRITISH COLUMBIA

Michael Byers teaches at the University of British Columbia, where he holds the Canada Research Chair in Global Politics and International Law. His work focuses on the international law and politics of the Arctic, climate change, and the use of military force. Professor Byers has been a Fellow of Jesus College, Oxford University, and a Professor of Law at Duke University. He has also taught as a visiting professor at the universities of Cape Town, Tel Aviv, and Novosibirsk. He is a project leader with ArcticNet, a Canadian government-funded consortium of scientists from 27 universities. Professor Byers is the author of seven books, including “International Law and the Arctic”, recently published by Cambridge University Press.



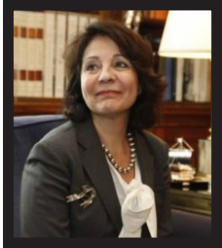
JOSEP A. CASANOVAS

ADMINISTRATOR, DIRECTORATE-GENERAL FOR MOBILITY AND TRANSPORT, EUROPEAN COMMISSION

Josep A. Casanovas is a general economist, by the University of Barcelona, with a Master of Science degree (MSc) in Financial Economics by the University of London. He studied international relations at the Institute of World Affairs (Connecticut, US) and EU external relations (CFSP) at ULB in Brussels (with Michigan State University). Educated at the Lycée Français de Barcelone.

Mr Casanovas joined the European Commission as a civil servant in 2001, to work at the Directorate-General for Energy and Transport in Brussels. Prior to that, he was recruited in 1992 by the Spanish Ministry for Foreign Affairs to work at the European Commission Delegation in Kenya, for two years. He was then posted in Samoa (South Pacific), and then at the EC Delegation in Budapest, working on Hungary’s EU pre-Accession. Before working for the Commission, he worked at the Barcelona Chamber of Commerce, on export promotion.

He has been working in the Maritime Transport Policy Unit (now DG MOVE) for 10 years, after two years initially spent on Energy (Security of supply and international relations). He is in charge of economic and general policy issues related to maritime and shipping -including industrial policy-, International and the Arctic, from the transport, shipping perspective.



MARIA DAMANAKI

EUROPEAN COMMISSIONER FOR MARITIME AFFAIRS AND FISHERIES

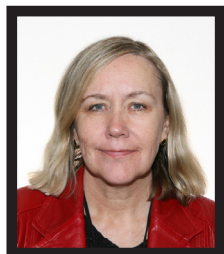
Maria Damanaki is the European Commissioner for Maritime Affairs and Fisheries. She was born in the Greek island of Crete and graduated with honours from the National Technical University of Athens as a Chemical engineer. She is a very well known politician in Greece and served as a member of the National Parliament for more than 25 years. From 1986–1990 she was Vice-President of the Greek Parliament and from 1991–1993 she was the leader of the political party “Coalition of left and Progress”. During her studies in the National Technical University of Athens she played a leading role in the underground student opposition to the dictatorship in Greece (1970–1974) and she was subsequently imprisoned by the regime after the students uprising of November 1973 and until the fall of the dictatorship in 1974. She has also been elected twice as a member of Athen’s City Council (1994–2000) and she is the author of four books on European issues, human rights and education.



ISABELLE DURANT

VICE PRESIDENT, EUROPEAN PARLIAMENT

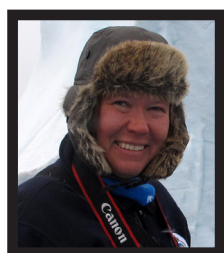
Isabelle Durant was initially a graduate nurse, but went on to do political studies and obtained a Bachelor’s Degree in Economic and Social Politics specializing in Social Issues from UCL-Fopes (Louvain-la-Neuve, Belgium) in 1994. After a number of years working as a teacher, she began her political career in 1991 in the Parliament of the Brussels-Capital Region and worked as the Federal Secretary and Spokesperson for Ecolo (Belgian Green Party) with Jacky Morael from 1994–99. In 1999, she served as Belgian Deputy Prime Minister and Minister for Mobility and Transport until 2003. In 2004, she was Federal secretary and Spokesperson for Ecolo, this time with Jean-Michel Javaux and Claude Brouir, replacing Evelyn Huytebroeck who became Minister of the Government of Brussels-Capital. From 2007–09, she was re-elected Co-president of Ecolo. Between 2003–09, she served as a Senator and in 2009, she was elected as Vice-President of the European Parliament. She has also been an elected representative in the municipality of Schaerbeek in Brussels since 2006.



ELSE BERIT EIKELAND

NORWEGIAN AMBASSADOR TO THE ARCTIC COUNCIL

Else Berit Eikeland joined the Norwegian Foreign Service in 1987. She is a career diplomat with previous postings in Manila, San Francisco and as Minister Counsellor with special responsibility for energy at the Royal Norwegian Embassy in London. In the Ministry of Foreign Affairs in Oslo, she had a number of positions, including Deputy Director General for Private Sector Development and Civil Society at NORAD and senior adviser for Trade and Business Development. She was appointed the Ambassador of Norway to Canada in 2009. In 2012 she was appointed Norway's Polar Ambassador and Senior Arctic Official to the Arctic Council. She has a Masters Degree and is educated at the University of Bergen and at the Norwegian School of Management, Oslo.



AGNETA FRANSSON

CHEMICAL OCEANOGRAPHER, NORWEGIAN POLAR INSTITUTE

Agneta Fransson is a chemical oceanographer and associate professor in oceanography at the University of Gothenburg, Sweden. She has a PhD degree in marine chemistry and more than 15 years experience of polar research and international field expeditions in both the Arctic and Antarctica, focusing on studies of the carbonate system, sea-ice-air CO₂ exchange and biogeochemical processes in the ocean and sea ice. She was a guest researcher in Canada and Japan for three years to undertake Arctic research and to learn new analytical methods. She is now employed as scientist at the Norwegian Polar Institute, Norway, focusing on climate change, ocean acidification (OA) and the role of sea-ice processes for carbon cycling in the Arctic Ocean. She leads two ocean acidification projects in the Fram Centre OA flagship, Norway, and has large national and international collaborations.



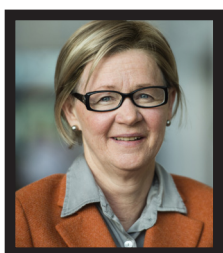
BERNARD FUNSTON

CHAIR, CANADIAN POLAR COMMISSION

Bernard Funston was born in Fort Smith, Northwest Territories. He is a constitutional lawyer and a member in good standing of the Law Societies of Northwest Territories and Alberta. He holds degrees from Trent University, the University of Cambridge and the University of Alberta.

Mr. Funston is currently the Chair of the Canadian Polar Commission. From 1980–97 he was with the Government of the Northwest Territories (GNWT) in Yellowknife as a policy analyst (1981–82), Constitutional Counsel (1984–85), and Director of Constitutional Law (1986–92). From 1992–97 he held the position of Special Advisor on Constitutional Affairs in the Ottawa office of the GNWT. As the president of Northern Canada Consulting, he provides strategic, analytical, and consultative and facilitation services in respect of the Canadian North and the northern circumpolar region. He was directly involved in the negotiations leading to the creation of the Arctic Council by the eight Arctic states in 1996 and has participated in the work of the Council since its inception. Mr. Funston chaired the Arctic Council's international committee which drafted the Arctic Council Rules of Procedure.

From 1997–2006 he was an advisor to Canada's Ambassador for Circumpolar Affairs and to the Canadian Arctic Council delegation. From 2002–10 he was the Executive Secretary to the Arctic Council's Sustainable Development Working Group Secretariat.



GRO GUNLEIKSRUD HAATVEDT

SENIOR VICE PRESIDENT FOR EXPLORATION ON THE NORWEGIAN CONTINENTAL SHELF, STATOIL

Gro Gunleiksrud Haatvedt has a Master's degree in Applied Geophysics from the University of Oslo. She started her career in Norsk Hydro in 1984, and has held various professional and management positions in Hydro both in Norway and internationally. After the merger in 2007, Ms. Haatvedt headed the company's exploration activities in the North Sea for a short period of time, and from 2008–10 she was Statoil's country manager in Libya. In 2011 Haatvedt returned to Norway and took the position as senior vice president for exploration on the Norwegian continental shelf for Statoil.



HANNU HALINEN

FINNISH AMBASSADOR TO THE ARCTIC COUNCIL

Hannu Halinen is the Ambassador for Arctic Affairs at the Ministry for Foreign Affairs of Finland and senior Arctic Official of the Arctic Council. He is also Secretary-General of Finland's Advisory Board for Arctic Areas and member of the International Advisory Board of the EC Arctic Climate Change, Economy and Society (ACCESS) Programme.

He joined the Foreign Service of Finland in 1973, and was ambassador to Egypt and Hungary and worked in many consulates and embassies around the globe. He represented Finland in several international organizations (coordinator at the FAO, rapporteur and member of Finland delegation at the UN) and also contributed to many missions on human rights.

He was appointed Finnish Ambassador for Human Rights (1993–95) and then represented Finland at the UN human rights commissions and conferences. He was Special Rapporteur of the UN commission on human rights in the occupied Palestinian territories (1995–99) and subsequently secretary general of the Council of the Baltic Sea States in Stockholm (2002–05). He has published articles and gives lectures on Human Rights, Humanitarian Policies and Strategies as well as Regional Cooperation.



PETER HARRISON

PROFESSOR, SCHOOL OF POLICY STUDIES, QUEEN'S UNIVERSITY, CANADA

Peter Harrison is Professor in the School of Policy Studies, Queen's University, and the former Stauffer-Dunning Chair and Director of the School. He joined the School as the Skelton-Clark Fellow in 2008. Dr Harrison has served as Deputy Minister (Permanent Secretary) of a number of organizations including: Natural Resources Canada, the Department of Fisheries and Oceans, the Leadership Network, the National Research Council of Canada (Senior Research Fellow, Oceans) and Indian Residential Schools Resolution Canada. He was also appointed to Assistant/Associate DM positions in a number of Departments including: the Privy Council Office; the Department of Finance; Indian and Northern Affairs Canada; Revenue Canada; and Human Resources Development Canada.

He served as Secretary to the Priorities and Planning, Operations, and Expenditure Review Committees of the federal Cabinet (PCO) and shepherded the ratification of UNCLOS by Canada in 2003; the investment of \$150 million in the International Polar Year (IPY); the development of the current Northern Strategy; and the early commitment to the new "High Arctic Research Station". He was the Chair of the IPY Conference held in Montreal in April 2012.

Dr. Harrison is a Fellow, and former Governor and Vice President, of the Royal Canadian Geographical Society (RCGS), and a Fellow of the Royal Geographical Society (London). He was awarded the Gold Medal celebrating the Golden Jubilee of Her Majesty Queen Elizabeth II for his contribution to Public Service, and the Diamond Jubilee medal for his contribution to field of Geography and to the RCGS.



JENS JOHAN HJORT

MAYOR OF TROMSØ

Jens Johan Hjort is an attorney with a law degree from the University of Oslo. He was elected mayor of Tromsø following the Norwegian local election in September 2011. Before being elected mayor, Mayor Hjort was a partner at Rekve, Pleym & Co, a law firm based in Tromsø. He also worked at the Norwegian Ministry of Finance and the Ministry of the Environment. As mayor of Tromsø, Jens Johan Hjort is an enthusiastic ambassador for the wonderful qualities of living in the High North.



LIISA HOLMBERG

RECTOR, SAMI EDUCATION INSTITUTE

Liisa Holmberg, who is Sámi, works as the Rector of the Sámi Education Institute in Inari, Finland. The Institute specializes in indigenous livelihood and traditions, including Sámi language, reindeer husbandry, handicrafts, tourism, business and media and also cooperation with other indigenous peoples, especially in the Arctic areas of North-Russia, Canada and Alaska. Liisa was elected to the Sámi Parliament as a MP in 2008-2011. She is a member of the Committee on Education in the Sámi Parliament in Finland and deputy member of the Sámi Parliamentary Council as well as member of the Board of the Arctic Society of Finland, which operates under the Finnish Institute of International Affairs.

Liisa is a member of The University of the Arctic (UArctic) Membership and Nominations Committee. The UArctic is a network of over 130 northern universities, colleges and other organizations dedicated to education, research and the promotion of indigenous and local capacities and sustainable development in the circumpolar North. Politically Holmberg emphasizes the role of international activities in the indigenous issues. Youth and adult education play key roles in keeping and developing the traditions in livelihoods. University degree programmes on Indigenous Issues are of the utmost importance to promote traditional knowledge and to develop ways to use that knowledge.



ALAIN HUBERT

PRESIDENT, INTERNATIONAL POLAR FOUNDATION

Alain Hubert is a civil engineer, certified mountain guide (UIAGM) and entrepreneur. He has taken part in several mountaineering and polar expeditions from 1983 to the present, including many as a guide. He is also the initiating chief director and engineer for the construction of the Princess Elisabeth Station, the world's first "zero emission" research station built by the International Polar Foundation (IPF) in Antarctica during the International Polar Year 2007-09. In 2002, Alain Hubert founded the International Polar Foundation with the purpose of raising awareness about the importance of polar science, climate change and sustainability.

Active on a scientific and educational front, Alain Hubert continues to give speeches worldwide and to carry out polar expeditions. He is Goodwill Ambassador for UNICEF, and has been awarded the Georges Lemaître International Prize in 2003 and the first ever Climate Change Prize given by the Prince Albert II of Monaco Foundation in 2008.



LAYLA HUGHES

COMMISSIONER, ALASKA ARCTIC POLICY COMMISSION

Layla Hughes lives in Juneau, Alaska and has 15 years experience as an attorney in international and environmental law, with an emphasis on Arctic issues. She has represented the interests of her clients – including private companies, government entities, indigenous organizations, and conservation groups – on issues such as air and water pollution, emergency prevention, preparedness and response, ocean noise, and the protection of subsistence hunting and Arctic ecosystems. She is a Commissioner on the Alaska Arctic Policy Commission and works as an independent consultant on Arctic policy. Some of her current projects include representing an Alaska Native organization concerned about the impacts to subsistence from water pollution from offshore oil and gas drilling, publishing an article on Arctic indigenous marine use mapping, and providing an analysis of issues related to the Arctic Council's work on oil pollution prevention for an Arctic Council Observer.

Previously, she served as a U.S. delegate to the Arctic Council's Oil Pollution Preparedness and Response Agreement and was the senior policy officer for oil, gas, and shipping in the Arctic at the World Wildlife Fund. Prior to joining WWF, she lived in the Arctic community of Barrow, where she was Assistant Borough Attorney, North Slope Borough.

She received her undergraduate degrees in international relations and environmental studies at American University, Washington, D.C. and her law degree at the Georgetown University Law Center, also in Washington.



FRANZ IMMLER

PROJECT OFFICER, ENVIRONMENT DIRECTORATE, DG RESEARCH AND INNOVATION

Dr. Franz Immler has been affiliated with the European Commission, where he works as a project officer in the Environment directorate of DG Research and Innovation, since 2011. His unit for climate change and natural hazards (I4) is mainly engaged with managing and coordinating polar and atmospheric research activities. He studied physics in Freiburg i.Br. and Berlin and completed his PhD at the Free University of Berlin in the field of atmospheric science. From 1999–2007 he worked at the Alfred Wegener Institute in Bremerhaven and studied the role of aerosols and clouds in the climate system. In 2008 he joined the German Meteorological Service (DWD) and was involved with setting up an international network of climate observations for reference.

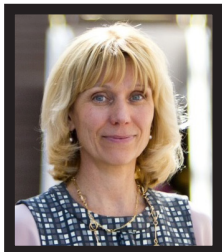


REGGIE JOULE

MAYOR, NORTHWEST ARCTIC BOROUGH, ALASKA

Reggie Joule was born in Nome, his father being a well-known Inupiaq teacher from Point Hope. He lived in St. Michaels and Deering and traveled extensively with his parents as they taught, settling in Kotzebue in 1958. He graduated from Cooper Valley High School and since then has been involved in a variety of public service organizations including the following associations/ boards: Kotzebue City Council, the NANA Regional School Board, the local Dog Musers Association, the NANA Regional and Village Corporation Board, the statewide Alcohol and Drug Abuse Advisory Board, the Governor's Interim Commission on Children and Youth, Alaska Human Resource Investment Council, Alaska Sports Hall of Fame, and as a highly recognized Bundle Carrier for the Sobriety Movement. He has also been inducted into the Alaska Sports Hall of Fame in recognition of his outstanding achievements as a Native athlete. He served as a state representative from 1996–2012, representing much of the Alaskan Arctic. As a state representative, he was the Bush Caucus chairman and a member of the House Finance Committee. He also chaired the Alaska Northern Waters Task Force which examined the changing Arctic.

He currently serves as a Commissioner on the Arctic Policy Commission which will establish an Alaskan Arctic Policy. In 2012, he became the Mayor of the Northwest Arctic Borough. He believes in communicating the needs of the people he serves and has a way of connecting quickly with people of all ages, often using humour to make an important point or to relate to others.

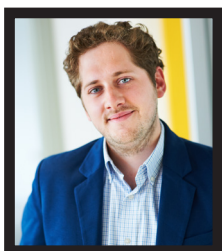


PAULA KANKAANPÄÄ

DIRECTOR, ARCTIC CENTRE, UNIVERSITY OF LAPLAND

Paula Kankaanpää has been the Director of the Arctic Centre of the University of Lapland since 2000, where she also acted as a Vice-Rector for Research in 2006–09. She was a research fellow at the Dickey Center of the Dartmouth College, USA, in 2010. Prof Kankaanpää has worked for the Arctic Environmental Protection Strategy, the Arctic Council, the Barents Council and the Antarctic co-operation in the Finnish Ministry of the Environment in 1991–99. She acted as the Deputy Executive Secretary of Arctic Council's Working Group CAFF in Iceland for a year in 1998. She chaired the International Arctic Science Committee Regional Board in 2000–02 and the Advisory Board of the Finnish Meteorological Institute in 2008–12.

She is currently leading the project on Strategic Environmental Impact Assessment of Development of the Arctic as a preparatory action for the EU Arctic Information Centre. She has participated on many national and international Arctic bodies such as the Arctic Committee of Finland lead by the Prime Minister's Office, and projects such as International Polar Year Project on Kinnvika in Svalbard. She studied geography in University of Helsinki, and did a PhD on sea ice pressure ridges at the Finnish Institute of Marine Research during the late 1980s, when she also worked in the University of Alaska Fairbanks.



ANTOINE KEDZIERSKI

POLICY OFFICER, TRANSPORT AND ENVIRONMENT

Antoine Kedzierski is Policy officer at Transport & Environment, a Brussels-based NGO promoting sustainable transport. His organisation follows discussions on the most relevant shipping issues at EU and IMO level, as part of the Clean Shipping Coalition. Antoine specialised in shipping air pollution, in particular on the issues of SOx and NOx pollution, the implementation of MARPOL Annex VI and last but not least the current IMO deliberations on black carbon. He joined T&E in 2010 after completing a traineeship at the European Commission DG MOVE.



KATHRIN KEIL

PROJECT SCIENTIST, INSTITUTE FOR ADVANCED SUSTAINABILITY STUDIES (IASS); EUROPE DIRECTOR, THE ARCTIC INSTITUTE

Kathrin Keil is currently a Project Scientist with the Institute for Advanced Sustainability Studies (IASS) in Potsdam, Germany, focusing on inter- and transdisciplinary Arctic research within the ‘Sustainable Interactions with the Atmosphere’ cluster. Kathrin is also the Europe Director of The Arctic Institute, where she regularly writes articles and op-eds on various Arctic issues and coordinates the Institute’s research project “The Arctic Infrastructure Survey”. Kathrin completed her PhD at the Berlin Graduate School for Transnational Studies (BTS) at the Freie Universität Berlin on “Cooperation and Conflict in the Arctic – The Cases of Energy, Shipping and Fishing”. She has a Master of Science in European Affairs from Lunds Universitet in Sweden and a Bachelor of Arts in International Relations from the Technical University Dresden, Germany.



HARRIET KUHNLEIN

PROFESSOR EMERITA OF HUMAN NUTRITION, MCGILL UNIVERSITY; FOUNDING DIRECTOR, CENTRE FOR INDIGENOUS PEOPLES NUTRITION AND ENVIRONMENT

Harriet Kuhnlein is Founding Director of the Centre for Indigenous Peoples’ Nutrition and Environment (CINE) and Emerita Professor of Human Nutrition at McGill University. She has several awards and chairs the Task Force on Traditional, Indigenous and Cultural Food and Nutrition of the International Union of Nutritional Sciences. She is Chair of the Expert Panel on the State of Knowledge of Food Security in Northern Canada for the Council of Canadian Academies.



GUSTAF LIND

SWEDISH AMBASSADOR TO THE ARCTIC COUNCIL AND CHAIR OF THE SENIOR ARCTIC OFFICIALS

Gustaf Lind is Sweden's Arctic Ambassador and is Chair for the Arctic Council's Senior Arctic Officials during the Swedish chairmanship 2011 to 2013. He holds a doctoral degree in international law from Stockholm University Faculty of Law (2004). He has previously worked as State Secretary for Foreign and EU Affairs for the Swedish Prime Minister and also State Secretary for the Swedish Minister of Migration. Ambassador Lind also has a background as a teacher at the Swedish National Defence College and researcher for the International Committee of the Red Cross.



ERIK VILSTRUP LORENZEN

DANISH AMBASSADOR TO THE ARCTIC COUNCIL

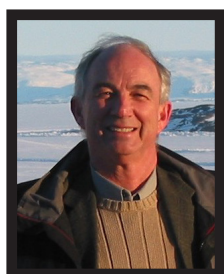
Erik Vilstrup Lorenzen became Arctic Ambassador for the Kingdom of Denmark in August 2013. From 2009–13 he was posted as Danish Ambassador to Canada. Before this post he served as the Chief Advisor to then Prime Minister, Anders Fogh Rasmussen, on European Union matters, from 2006–09. In 2005, Lorenzen worked in the Ministry of Foreign Affairs as Head of Department of EU Policy. In 2003, he was Head of Department of Policy Planning in the Ministry of Foreign Affairs. Lorenzen has held previous postings at the Danish Embassy in London and at the EU-representation in Brussels. He has a degree in political science from the University of Aarhus in Denmark and has studied political science and journalism in the U.S.



ANDERS MARVIK

VICE PRESIDENT AND HEAD OF STATOIL EU AFFAIRS OFFICE

Anders Marvik has more than 20 years' experience in the oil and gas industry. He is currently Vice President and head of the Statoil EU political Affairs Office, and he has previously held management positions within Corporate Strategy, Business Intelligence and Treasury. He has broad international experience having worked and lived for extended periods in Norway, UK, Belgium, and Venezuela. He holds an Honorary Bachelor degree from Strathclyde University in economics and finance.



GORDON MCBEAN

PRESIDENT, CANADIAN CLIMATE FORUM; PROFESSOR OF GEOGRAPHY, WESTERN UNIVERSITY

Gordon McBean is a Professor at Western University, London, Canada and Director for Research and External Relations of Western's Centre for Environment and Sustainability and Director for Policy Studies of the Institute for Catastrophic Loss Reduction. He is Chair, Canadian Climate Forum and formerly Chair of the Canadian Foundation for Climate and Atmospheric Sciences. He is Chair of the Advisory Board for the Ontario Climate Consortium. Internationally, he is President-elect of the International Council for Science, President of Global Change START International, Chair of the International Advisory Board of the Integrated Research Centre of Excellence in Taipei, and a member of the UNESCO High Panel for Science, Technology and Innovation for Development.

He was previously a Professor of Atmospheric and Oceanographic Sciences at The University of British Columbia and then, from 1994–2000, Assistant Deputy Minister in Environment Canada responsible for climate, weather and air quality sciences and services. He was one of the lead co-investigators for ArcticNet (2004–11), a lead author for the ACIA and Convening Lead Author for the IPCC Special Report on Climate Extremes and an author of the 1st, 2nd, and 4th reports. He was Chair of the international Science Committee for Integrated Research on Disaster Risk and earlier the World Climate Research Programme. He was appointed a Member of the Order of Canada (2008) and Member of the Order of Ontario (2010) and awarded the Queen's Diamond Jubilee Medal. He shared in the 2007 Nobel Peace Prize to the IPCC.

He is a Fellow of the Royal Society of Canada, Royal Canadian Geographical Society, American Meteorological Society and Canadian Meteorological and Oceanographic Society and received the Patterson Medal for distinguish contributions to meteorology by a Canadian. He received his PhD in Physics and Oceanography from the University of British Columbia, Vancouver, Canada.



HELENA OMMA

VICE CHAIR, WORLD REINDEER HERDERS ASSOCIATION

Helena Omma is a young reindeer herder from Sweden, that is also the First Executive Vice-Chair of the Association of World Reindeer Herders, the international NGO for all reindeer herding peoples of the world. She is also the former President of the Sámi Youth NGO SámiNuorra, and former Vice-Chair of the Arctic Council Sustainable Development Working Group. She has extensive experience and knowledge about Arctic indigenous issues, including development, dialogue and the Arctic Council.



OLAV ORHEIM

CHAIRMAN, GRID-ARENDAL

Olav Orheim is a Norwegian glaciologist with PhD in 1972 from Ohio State University, USA. With a life-long career in polar science, management and diplomacy, he has held leadership positions in all international polar research organisations. Has written one book, numerous book chapters and about 80 research publications on glacier mass balance and climate, ice dynamics, ice bergs, remote sensing, and politics and history of the polar regions. His previous positions include Adjunct Professor in glaciology, University of Bergen (1989–2005) and Managing Director, Norwegian Polar Institute, Tromsø (1993–2005). From 2005–12 he was in charge of IPY funding at the Research Council of Norway.

He was Chair for many years of the Committee for Environmental Protection and thereafter the Working Group on Legal and Institutional Affairs, under the Antarctic Treaty Consultative Meetings. He led the Norwegian government's so far only public investigation into Arctic development and policies. Present positions in Norway include Chairman of the Board: GRID-Arendal; the Polarship Fram Museum; the Norwegian Glacier Museum. International memberships in 2013 include: Scientific and Technical Committee of Prince Albert II Foundation; External Review team of the University of the Arctic; SCAR Development Council; International Science Panel of New Zealand Antarctic Research Institute. Olav Orheim has received the Royal Norwegian Order of St Olav, and l'Ordre de Saint-Charles of Monaco.



TOM PADDON

PRESIDENT & CEO, BAFFINLAND IRON MINES CORPORATION

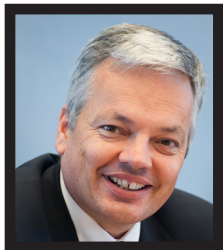
Born in Labrador, Tom Paddon joined Baffinland in June 2011 following a 15 year career at Vale Newfoundland and Labrador, Ltd. During the early days of Vale's Voisey's Bay Project, Mr. Paddon played a large part in building the relationships that were to become critical to the company's success in the region. He played a pivotal role in negotiating the Impacts and Benefits Agreements with Innu Nation and the Nunatsiavut Government, and led the negotiations to resolve Inuit concerns regarding year-round project shipping. As Manager of Aboriginal Affairs & Labrador Human Resources he was charged with translating the written agreements into practical success that met stakeholder expectations. As a result, the Voisey's Bay project is recognized across the country as having raised the bar on aboriginal employment and business development and set new corporate responsibility standards for resource developments occurring on aboriginal lands.



TÓMAS ORRI RAGNARSSON

COUNSELLOR ON ARCTIC AFFAIRS, ICELANDIC MINISTRY FOR FOREIGN AFFAIRS

Tomas Orri Ragnarsson is the Counsellor for Arctic Affairs in the Directorate of International and Security Affairs within the Icelandic Ministry for Foreign Affairs. From 2008 until his current appointment he was Counsellor and Deputy Head of Mission at the Embassy of Iceland in Oslo. Former positions include Political Advisor, Icelandic Delegation to NATO, Brussels (2005-08) and First Secretary at the Icelandic Ministry for Foreign Affairs (2001-05). From 2000-01 he was a journalist at Morgunbladid, Business and Economy desk and prior to this he was a researcher the Institute for Business Research, University of Iceland (1997-98). Tomas Orri Ragnarsson did his undergraduate studies at the University of Iceland and graduate studies in Taiwan and at the University of Hong Kong.



DIDIER REYNDERS

BELGIAN DEPUTY PRIME MINISTER; FEDERAL MINISTER FOR FOREIGN AFFAIRS, FOREIGN TRADE AND EUROPEAN AFFAIRS

Didier Reynders obtained a degree in law at the University of Liège. A guest lecturer at the universities of Liège and Louvain, he has never really left academic life. After presiding the Belgian railways and the Belgian Airways Agency, he was elected Deputy Chairman of the PRL (Liberal party), before becoming a Member of Parliament in 1992. On 12th July 1999, he became Minister of Finance and, on 18th July 2004, (concurrently) Deputy Prime Minister. On 23rd December 2007, he was also made responsible for the National Lottery, the Federal Holding and Investment Company and insurance companies. He chaired the Eurogroup (meeting of the Ministers of Finance of the euro area) from 1st January until 31st December 2001, and the Ecofin (meeting of the Ministers of Finance of the European Union) from 1st July to 31st December 2001 and from 1st July until 31st December 2010. He was Chairman of the Mouvement Réformateur (party alliance) from 11th October 2004 until 14th February 2011.



MINIK ROSING

CHAIRMAN, GEOLOGICAL SURVEY OF DENMARK AND GREENLAND

Professor Minik Thorleif Rosing was appointed chairman of GEUS' board of directors, succeeding head physician, Doctor of Medicine, Per Buch Andreasen. Minik Rosing is a qualified geologist with extensive experience from his many years of geological research in Greenland. His work also includes communication of research to the public, and for several years he has been active in various research-related commissions, scientific councils and boards, also as a member of GEUS' board of directors since 2005.



KATE SANDERSON

HEAD OF MISSION, MISSION OF THE FAROE ISLANDS TO THE EUROPEAN UNION

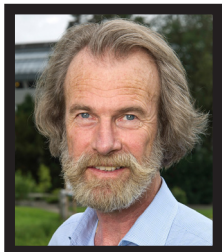
Kate Sanderson became Head of the Mission of the Faroes to the European Union in September 2012. Beginning her career with the Government of the Faroes in the late 1980s, she was appointed General Secretary of the North Atlantic Marine Mammal Commission (NAMMCO) in 1993 and set up the NAMMCO permanent secretariat in Tromsø, Norway. In 1998 Ms Sanderson returned to the Faroe Islands as adviser in the newly established foreign service of the Faroese Prime Minister's Office. Since then she has represented the Faroe Islands on a number of bodies including the Arctic Council, dealing with sustainable development, natural resource management, environmental protection and more recently international fisheries cooperation. She was chief negotiator for the Faroes in a number of multilateral consultations on the management of shared fish stocks and has headed delegations and held offices in fisheries organisations such as NEAFC, NAFO, as well as representing the Faroe Islands in consultations to establish the South Pacific Regional Fisheries Management Organisation (SPRFMO). She heads the Faroese delegation to the Committee on Fisheries of the UN Food and Agriculture Organisation.



SEESTA SISTLA

NOAA CLIMATE AND GLOBAL CHANGE POSTDOCTORAL FELLOW, DEPARTMENT OF ECOLOGY AND EVOLUTIONARY BIOLOGY, UNIVERSITY OF CALIFORNIA, IRVINE

Seesta Sistla is a National Oceanic and Atmospheric Administration Climate and Global Change postdoctoral fellow based at the University of California, Irvine conducting research focusing on characterizing the coupled responses of arctic plants and soils to climate warming. Arctic systems are a critical component of the global carbon cycle, because they store nearly half of the world's soil carbon and are experiencing unprecedented rates of warming, which may increase the release of greenhouse gasses to the atmosphere due to accelerated decomposition. This research combines biogeochemistry, microbial ecology, mechanistic modelling, and field studies. Recently, Dr Sistla has begun studying the effects of tropical land use change on agrobiodiversity maintenance and ecological resilience. In addition, she is broadly interested in improving science education and the implementation of scientific knowledge in decision-making and conservation efforts in the Arctic and elsewhere.



KONRAD STEFFEN

DIRECTOR, SWISS FEDERAL RESEARCH INSTITUTE

Konrad (Koni) Steffen is the Director of the Swiss Federal Research Institute WSL and Professor in Climate and Cryosphere at the Institute for Atmosphere and Climate at the Swiss Federal Institute for Technology (ETH) in Zürich, Switzerland. He is responsible for vital instrumentation deployed in the Arctic to help us monitor the significant changes taking place on the Greenland Ice Sheet. He has led field expeditions to Greenland, Antarctica, and other Polar Regions for the past 35 years to measure the dynamic response of ice masses under a warming climate. He has published over 120 peer-reviewed papers and 10 book chapters. Dr Steffen has spent the last 24 years at the University of Colorado and led the Cooperative Institute for Research in Environmental Sciences (CIRES) before returning to his homeland in July 2012. He is currently the Chair of the GCOS/TOPC Panel, participates in the NASA Earth Science Subcommittee advising board, is a member of the Advising Board of the Alfred Wegner Institute for Polar and Marine Sciences in Germany, and a lead author of the IPCC AR5 assessment for the Cryosphere chapter.



ADAM STĘPIÉN

RESEARCHER, ARCTIC CENTRE, UNIVERSITY OF LAPLAND

Adam Stępién is a researcher at the Northern Institute for Environmental and Minority Law, Arctic Centre, University of Lapland, Finland. Currently, he works for the project 'Strategic Environmental Impact Assessment of development of the Arctic', where he is responsible for EU Arctic Impact Assessment, a study that examines – with participation of Arctic stakeholders – key trends in the Arctic, their impacts and the role of EU policies in shaping analyzed developments. Dr Stępién's doctoral project deals with interconnections between the Arctic and the realm of development assistance, with emphasis on the role of experiential knowledge and identity. He is a member of the ARKTIS Doctoral Programme and teaches a course in Arctic Politics and Law at the University of Lapland.

His other research activities focus on Arctic governance, legal issues, socio-cultural changes and Arctic indigenous politics. Previously, he took part in a number of projects dealing with the EU's role in the Arctic, including Arctic marine/maritime developments (Arctic Transform and the comparison of the EU and Canadian maritime policies), EU Arctic Footprint as well as a study on EU competences relevant for the Arctic.



DAVID SPROULE

AMBASSADOR OF CANADA TO NORWAY

(BA Honours [Political Science], University of Alberta, 1978; LLB, University of Alberta, 1981) joined the Department of External Affairs in 1981 and served abroad in Singapore, Bangkok, Washington, D.C., Dhaka, Kabul and a second time in Bangkok.

In Ottawa, he served in the department's Economic Law; Political Intelligence Analysis; Legal Operations; International Economic Relations and Summits; Legal Advisory; Oceans and Environmental Law; and United Nations, Human Rights and Economic Law divisions, as well as at the Privy Council Office.

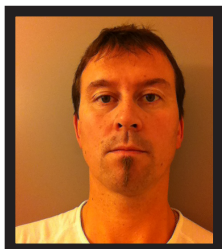
From 2004 to 2005, Mr. Sproule was high commissioner in Bangladesh; from 2005 to 2007, he was ambassador to Afghanistan; and from 2007 to 2009 he was ambassador to Thailand and Laos. He was most recently the deputy legal adviser with the department's Legal Affairs Bureau. Mr. Sproule succeeds John Hannaford.



RICHARD TIBBELS

HEAD OF THE EASTERN PARTNERSHIP, REGIONAL COOPERATION AND OSCE DIVISION OF THE EEAS

Richard Tibbels took up his current position as Head of the Eastern Partnership, Regional Cooperation and OSCE Division of the European External Action Service (EEAS) in September 2011. Previously he held a variety of positions in the EEAS and the European Commission's Directorate-General for External Relations dealing with the EU's Eastern and Southern neighbourhood. The first part of his professional career was spent working for the Secretariat-General of the Western European Union.



JULIAN VANGEN

FISHING INDUSTRY ANALYST, NORWEGIAN FISHERMEN'S SALES ORGANISATION

Julian Vangen holds a Masters in fish farming economics from the Faculty of Fishing and Aquaculture at the University of Tromsø. As a teenager, part time work at a salmon farm inspired him to work in the seafood business. In the period from 1990–95, he worked as shipbroker for fishing vessels, as a fisherman and also as production manager at a seafood processing factory. After completing a Masters at the University of Tromsø, he became senior consultant at the Regional administration's office of business- and environmental development from 2000-01.

He was then employed by the Norwegian seafood company, Sjøvik Group AS which manages fishing operations and processing factories around the world, staying there for 7 years before moving to the Norwegian company Kontali Analyse AS. This company supplies analysis and statistical tools for the global salmon farming business. Two and a half years later he moved to the Norwegian Fishermen's Sales Organization, Norges Råfisklag, which is owned by fishermen and deals with direct sales of groundfish from fishermen to the industry. As a senior consultant, he is directly involved in internal analysis of the markets and the global supply situation for groundfish species.



PETER WADHAMS

HEAD OF POLAR OCEANS PHYSICS GROUP, UNIVERSITY OF CAMBRIDGE

Peter Wadhams is professor of ocean physics and head of the Polar Ocean Physics group at the Department of Applied Mathematics and Theoretical Physics (DAMTP), Cambridge University. He is the UK's most experienced sea ice scientist, with 40 years' experience of research in sea ice and ocean processes in the Arctic and the Antarctic, during which he has led some 45 polar field expeditions. His research interests focus on climate change processes in the Polar Regions, and his group is studying the effects of global warming on sea ice, icebergs and polar ocean structure. This involves work from nuclear submarines, autonomous underwater vehicles, icebreakers, aircraft and drifting ice camps, as well as theoretical modelling.

Prof. Wadhams began his career as a research assistant on the "Hudson-70" expedition (1969–70) which accomplished the first circumnavigation of the Americas. He received his PhD from the Scott Polar Research Institute, Cambridge, in 1974, and later became Director of the same Institute before moving to his present position. He has been awarded the Polar Medal by HM the Queen (1987), the Italgas Prize for Environmental Sciences (1990) and the Bruce Prize of the Royal Society of Edinburgh. He was a member of the Scientific Committee of the European Environment Agency, Copenhagen until 2012, and is a Member of the Finnish Academy. Currently he is a member of a National Academy of Sciences (US) panel studying the impact and problems of oil blowouts under ice.



ARNOUD WILLEUMIER

PORT OF ROTTERDAM

Aernoud Willeumier studied Naval Architecture at the University of Technology in Delft, the Netherlands. After completing his military service in the Royal Netherlands Navy, he started his working career at van der Giessen – de Noord Naval Shipyard in Alblasserdam. In 1987 he joined the Royal Nedlloyd Group in Rotterdam where he worked in container shipping for nearly 20 years, spending about half of his time abroad.

Mr. Willeumeir has held several senior management functions, including Business Manager at Nedlloyd Lines Italia, Trade Manager at Nedlloyd in the USA, and Operations Manager Region Europe at P&O Nedlloyd. He was also General Manager for Corporate Business Planning at P&O Nedlloyd in London from 1997 until 2000. From 2004 until 2006, he was Director of Corporate Affairs at Royal P&O Nedlloyd N.V. After this, he joined the Port of Rotterdam Authority (PoR), where he has worked since 2006. As Programme Manager in the PoR Commercial Department, Mr. Willeumeir chaired the Selection Board in charge of the Open Assessment Procedure for the right of use of the first container terminal at Maasvlakte 2.

After participating in several strategic development projects run by PoR, Mr. Willeumeir became Manager of Business Analysis & Intelligence within the Commercial Department of PoR in January 2008, leading a team of business analysts focusing on various market segments where the port of Rotterdam plays an important role. His team analyses actual and expected developments in the various transport markets at global and regional levels, as well as the impacts on the current and future position of the port of Rotterdam vis-à-vis throughput volumes and industrial developments. Mr. Willeumeir also produces short, medium and long-term throughput volume forecasts, and sits on the management team of the Commercial Department of PoR..

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