

2012 UNITED STATES–CANADA NORTHERN OIL AND GAS RESEARCH FORUM

Date	Time	Room 1	Room 2
Tuesday Nov 13	8:30	Welcome	
	8:40	Opening remarks by US and Canada officials - Deputy Secretary of the Department of the Interior (tentative: David Hayes) - Bernie Funston, Chair, Canadian Polar Commission, on behalf of Michael Wernick, Deputy Minister of Aboriginal Affairs and Northern Development Canada (confirmed)	
	9:00	Opening Panel: Current research challenges to support decision-making for safe and sustainable Northern oil and gas management - US BOEM Alaska Reg Dir: Jim Kendall (confirmed) - US NSB Jacob Adams Sr (confirmed) - US Industry: Bill Streever, BP (confirmed) - National Energy Board: Bharat Dixit (confirmed) - Inuvialuit Game Council: Frank Pokiak (confirmed) - Canadian Association of Petroleum Producers: Paul Barnes (confirmed)	
	10:20	Break	
	10:50	Panel: Scaling ecosystem information for decision making - US Office of Science and Technology Policy: Brendan Kelly (invited) - US AK Shell: Michael Macrander (invited) - Aboriginal Affairs and Northern Development: Genevieve Carr (confirmed) - Government of the Northwest Territories: Andrew Applejohn (confirmed)	
	11:50	Lunch	
	1:10	Environmental technical talks I	Arctic operations and Drilling Safety technical talks
	1:10	US Hanna Shoal Ecosystem Study: Ken Dunton. UT-Austin (confirmed)	US Exxon Point Thompson development plan – use of horizontal drilling. TBD
	1:30	CAN Scientific Assessment to inform identification of critical habitat for woodland caribou: Cheryl Johnson, Environment Canada (Confirmed)	CAN Regional Synthesis of Coastal Geoscience Information for the Beaufort Sea – Dustin Whalen, Geological Survey of Canada
	1:50	US North Slope Hydro-met analysis. TBD	CAN Water resource protection during hydraulic fracturing. TBD
	2:10	CAN Polar Bear research on the North Slope and Beaufort Sea. TBD	CAN Model-based estimation of noise impact zones for deep offshore seismic surveys – AO MacGillivray, JASCO
	2:30	Break	
	3:00	US : The offshore northeastern Chukchi Sea: a complex high-latitude ecosystem – Robert Day et al. ABR Inc.	US AAOS Arctic Portals: Data integration and visualization. – Koeppe et al. Axiom Consulting.
	3:20	CAN The Art of Industry-Academia Collaboration: Lessons from the Beaufort Sea – Martin Fortier, ArcticNet	CAN ESRF NWT Upstream Oil and Gas Waste Stream Study – Todd Paget, Government of Northwest Territories
	3:40	CAN Arctic Cod (<i>Boreogadus saida</i>) Distribution in the Canadian Beaufort Sea during the Ice-Free Season – Maxime Geoffroy, Université Laval	CAN Oil spill prevention research – Protecting the marine environment, Canadian Beaufort Sea – Steve Blasco, Geological Survey of Canada
	4:00	Panel: Working safely while protecting the environment - US Alaska: TBD - Sean Churchfield, Operations Manager for Shell Alaska (Confirmed) - Natural Resources Canada: Phil Hill (confirmed) - Canadian Industry representative: TBD	
	5:00	Poster Session and Reception	
7:00	End of Day 1		

Wednesday Nov 14	8:30	Panel: Incorporating traditional and local knowledge when formulating research priorities and programs for decision-making - Edward Itta, NSB (invited) -US Dee Williams, BOEM AK Studies Chief (confirmed)	- Qiqiktani Inuit Association, Nunavut : Nigel Qaumariaq (confirmed) - Frank Pokiak, Inuvialuit Game Council (Confirmed)
	9:30	Ice and ocean technical talks	Traditional Knowledge, Sociocultural, and Socioeconomic talks
	9:30	CAN Coupled atmosphere-ice forecasting (Dept Fisheries and Oceans – Youyu Lu, confirmed)	CAN Mini-boom study of Inuvialuit Settlement Region communities. TBD
	9:50	US Radar mapping of shorefast and leads, Arctic Alaska Coast, Andy Mahoney (Confirmed)	US Taulik Hepa, NSB DWM (speak about the SAOR and Indicators Studies and TK involvement) (confirmed)
	10:10	CAN Summary and Overview of Sea Ice Research at the University of Manitoba Relevant to Offshore Oil and Gas Development in the Beaufort Sea: 2007-2012 – David Babb, University of Manitoba	US Chris Campbell, BOEM AK staff (confirmed)
	10:30	Break	
	11:00	US High-resolution Observations of Hydrography and Circulation of the Chukchi Sea – Peter Winsor, UAF	CAN Developing a Holistic Approach to Research and Monitoring: A Beluga Tale – Lisa Loseto, Fisheries and Oceans Canada
	11:20	CAN Automated Sea Ice Product Development at Environment Canada – Tom Carrieres, Environment Canada	US The 2011 Alaska Northern Pinniped Unusual Mortality Event: A case study for Cross-Border Disease Surveillance and Baseline Marine Mammal Health Research – Raphaela Stimmelmayer, North Slope Borough Department of Wildlife Management
	11:40	CAN A Collaborative Program of Mooring Based Studies of Sea Ice and Ocean Waves in the Ajurak and Pokak Exploration License Areas of the Canadian Beaufort Sea, July 2009 to September 2011 – David Fissel, ASL Environmental Services, Inc.	
	12:00	Lunch	
	1:20	Environmental technical talks II	Oil spill response technical talks
	1:20	CAN Beaufort Sea offshore fish survey: preliminary results: Jim Reist, Dept Fisheries and Oceans (confirmed)	US for CAN Advances in Treating Agents for Oil Spill Response with Applicability to the Arctic – Amy Tidwell, ExxonMobil
	1:40	US U.S. Canada Transboundary Fish and Lower Trophic Communities, Brenda Norcross, UAF (confirmed)	US Oil Spill Response Research – Matthew Quinney, Manager, Ohmsett (TBD)
	2:00	US Adaptation of Arctic Circulation Modeling: Seth Danielson, UAF (confirmed)	
	2:20	US Industrial Activities and Western Arctic Bowhead Whales: What We Have Learned from Satellite Telemetry – Lori Quakenbush, Alaska Department of Fish and Game	US Using Ground Penetrating Radar to Detect Oil in Ice and Snow – Esther Babcock, Boise State University
	2:40	CAN Increased numbers of beluga using the offshore Beaufort Sea in the 2000s: were they displaced by industry during the 1980s? Lois Harwood, Department of Fisheries and Oceans	CAN Trans Boundary Pollution Issues Canada/Alaska – Vanessa Rochester, Norton Rose
3:00	US Broad-scale Aerial Surveys of Marine Mammals in the Western Beaufort and Northeastern Chukchi Seas, 2011-2012:	US Oil Detection under Sea Ice: A View from below – Scott Pegau, Oil Spill Recovery Institute	

		Results from the ASAMM Project – Janet Clarke, Science Applications Intl Corp.	
	3:20	Break	
	4:00	Panel: Responding effectively when things go wrong - US USCG Capt. Paul Mehler, (confirmed) - National Energy Board: Bharat Dixit (confirmed) - Alaska Dept of Environmental Conservation: Betty Schorr (confirmed) - Environment Canada : Carl Brown (confirmed) - Ron Hocking, Operations Manager, Alaska Clean Seas (confirmed)	
	5:00	End of Day 2	

Thursday Nov 15	8:30	Panel: Developing data and information sharing: Using existing data hubs to increase data sharing, and assessing the needs of communities, researchers, managers ConocoPhillips: Caryn Rea (confirmed) - 21st Century Geospatial Tools for Emergency Preparedness and Environmental Assessments in Canada's Arctic – Jason Duffe, Environment Canada GINA: Tom Heinrichs (confirmed) - Spatial data for Inuvialuit : Chris Harrison, Inuvialuit Regional Corporation (invited)	
	9:30	US Bureau of Ocean Energy Management: Synthesis of Arctic Research (SOAR) Science: Sue Moore, NOAA (confirmed)	
	9:50	CAN CanICE: Canadian Ice Service – Darlene Langlois (confirmed)	
	10:10	US Statistical Oil Spill Models for the Beaufort and Chukchi Seas – T.G. Eschenbach, TGE Consulting	
	10:30	Break	
	11:00	Panel: Scenario planning and forecasting for future resource development, mapping of potential activities - Amy Lovecraft, UAF (invited) - Lin Callow, consultant to industry, to discuss Beaufort Sea forecast (confirmed) - US Bob Winfree, Parks Service (confirmed) - Peter Hannigan, Natural Resources Canada (confirmed)	
	12:00	Lunch	
	1:20	Wrap-up Panel: What did we learn? Where and how do we develop partnerships? Priority research needs and role of government, industry, other groups in funding these needs - US Arctic Research Commission, Fran Ulmer (confirmed) - Canadian Polar Commission, Bernie Funston (confirmed) - US Industry. API Richard Ranger (confirmed) - Aboriginal Affairs and Northern Development, Genevieve Carr (confirmed)	
	2:00	Discussions with Audience	
	2:55	Closing remarks	
	3:00	Close of Forum	

Posters

Blanchard, A.	Topographic Control on Macrobenthic Community Structure in the Northeastern Chukchi
Carls, M.	Short-term NOEC does not Guarantee Long-Term Survival
Carroll, S.	Trophic Structure in the Chukchi Sea during Recent Sea Ice Minima
Eicken, H.	A Framework and Database for Community-Based Sea-Ice Observations and Potential Applications in Hazard Mitigation and Emergency Response
Osborne, P.	Observations of Currents and Salinity In the Ajurak and Pokak Exploration License Areas of the Canadian Beaufort Sea, July 2009 to September 2011
Frouin-Mouy, H.	Spatio-temporal Distribution of Male Bearded Seals in the Chukchi Sea using Underwater Vocalizations
Gall, A.	New Neighbors: Shifts in the Marine-Bird Community of the Chukchi Sea over the Past 35 Years
Jensen, A.	Beyond Indigenous and Traditional Knowledge: Under-utilized Data Sets for Research Planning and Decision Making
Knowlton, A.	Habitat Heterogeneity and Gear Efficiency for Epifauna in the Northeastern Chukchi Sea
Noksana, J.	Beaufort Regional Environmental Assessment
Questel, J.	Oceanographic Assessment of the Planktonic Communities in the Northeastern Chukchi Sea during 2011
Robertson, T.	Oil Spill Occurrence Estimators for Onshore Alaska North Slope Crude and Refined Oil Spills
Stevens, C.	Monitoring Ice Conditions and Related Permafrost within Shallow-water Environments Using Satellite Synthetic Aperture Radar (SAR)
Tigner, J.	From adversaries to allies: effectuating strong industry-regulator partnerships in the collection and interpretation of environmental data. A case study from the Tulita District, Sahtu Settlement Region, Northwest Territories, Canada.
Whalen, D.	Monitoring Beaufort Sea Spring Ice and River Breakup