

## **DR. CHANDA L. MEEK**

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### **APPOINTMENT**

2014 Associate Professor, Department of Political Science  
University of Alaska Fairbanks

2009 Assistant Professor, Department of Political Science  
University of Alaska Fairbanks

Interdisciplinary social science faculty responsible for the following courses: *Arctic Governance and Politics, U.S. Environmental Politics, Political Economy, Comparative Indigenous Rights and Policies, Government and Politics of Canada, Research design seminar for the Resilience and Adaptation Program*

Research focus: Institutional dimensions of sustainability, social-ecological systems, comparative policy implementation, human dimensions of wildlife management, Arctic governance, marine policy

### **EDUCATION**

#### **University of Alaska Fairbanks**

PhD, Natural Resources and Sustainability, August 2009

Dissertation Title: *Comparing marine mammal co-management regimes in Alaska: three aspects of institutional performance*

#### **York University, Toronto, Ontario, Canada**

Master of Environmental Studies, Faculty of Environmental Studies, June 1999

Specialization: Political issues in northern resource management, Canadian-Indigenous relations. Major Paper: *Transnational social movement organizations and boreal forest management: the case of the Taiga Rescue Network*

#### **Western Washington University, Bellingham, Washington**

Bachelor of Science (Honors Program), Huxley College of Environmental Studies, March 1996. Major: Marine Biology, Minor: Environmental Policy

Honors Thesis: *The Little Country that Could: Danish Energy Policy and Practice*

University of Kansas, Department of Russian Language, Lawrence, KS. Intensive Russian language course, Summer 1997

DiS, Denmark's International Study Program, Copenhagen, Denmark. Study abroad program in Marine Environmental Science, Spring semester 1995

## **RESEARCH EXPERIENCE**

Senior scientist, 2012 – present “Alaska Adapting to Changing Environments” (ACE). ACE is an EPSCOR research agenda connecting investigators at all three University of Alaska Major Academic Units and is designed to model physical, ecological and social drivers of change in three test cases in order to examine adaptive capacity. I am co-lead of the Northern test case and will be conducting an institutional analysis relating to a community’s ability to steer land use and land cover change.

**Co-PI**, 2012 – present “Building capacity for community-based marine mammal conservation in Bristol Bay”

This project with Bristol Bay Native Association explores the integration of traditional, historical, field, and archival information on marine mammals and environmental change in three communities within Bristol Bay and the Alaska Peninsula. The data will be represented through GIS maps and useful for conservation goals of the communities.

**PI**, 2011 – present “Scientists as agents at the science-policy interface”

This project involves a host of collaborators within the Resilience Alliance Young Scholars network working on an empirical investigation into the role of scientists in attempting to transform environmental policy.

**PI**, 2010 – present “Comparative analysis of adaptive governance of marine mammals”

This project is an active investigation of governance and cross-scale management of marine mammals in Alaska, Northern Canada, Greenland, Norway and Russia with Alaskan and international colleagues.

**Co-PI**, 2010 – 2012 “Black Bear Management in Alaska: The Role of Perceptions, Policies and Decision-Making”

This EPSCOR-supported project was interdisciplinary and focused on understanding predator control from a social science perspective. Shannon Donovan at the University of Alaska Anchorage was the lead PI.

**Co-PI**, 2009 – 2011 “Strengthening Institutions”

I co-directed an EPSCOR and NSF-funded interdisciplinary research project examining institutional design for cooperative, ecosystem-based management in the Beaufort and Chukchi Seas.

**Co-PI**, 2008 – 2010 “Human Dimensions of Marine Mammal Management.”

I co-directed an interdisciplinary research project linking researchers in Alaska, Nunvut and Finland tasked with identifying drivers of marine mammal harvesting in Arctic communities and theorizing properties of effective cross-scale governance.

**Doctoral Researcher**, University of Alaska Fairbanks, 2003 – 2008

Conducted interdisciplinary research comparing the U.S. Fish & Wildlife Service to the National Marine Fisheries Service in their implementation of co-management regimes in Alaska for polar bears and bowhead whales. Committee: Dr. Gary Kofinas, Dr. Amy Lovecraft, Dr. Sue Hills and Dr. Richard Caulfield.

**SELECTED GRANTS AND AWARDS**

*Fellowships*

- 2015 Fullbright Fellowship awarded to study Arctic politics in Canada
- 2008 – 2009 University of Alaska Dissertation Completion Fellowship
- 2008 Institute of Arctic Biology Summer Fellowship
- 2008 Alaska Experimental Program to Stimulate Competitive Research Graduate Fellowship, Spring semester
- 2006 – 2008 University of Alaska Graduate School Fellowship
- 2003 – 2006 NSF-sponsored Integrative Graduate Education and Research Training Fellowship
- 2004 Mary Croxton Fellowship for the study of the lands and peoples of Alaska

*Grants*

- 2012-2015 Co-PI for Sea Grant project, “Building Capacity for Community-based Marine Mammal Conservation in Bristol Bay” with the Bristol Bay Native Association
- 2012-2015 Alaska EPSCOR faculty award for research on Arctic change
- 2010-2011 Co-PI for EPSCOR Integrative Faculty Development Grant
- 2010 Co-PI for National Science Foundation Grant Office of Polar Programs Award for “Strengthening Institutions Project” with Sharman Haley. OPP Award 1012177
- 2008 – 2010 Co-PI for U.S. Marine Mammal Commission grant
- 2006 – 2008 National Science Foundation Dissertation Improvement Grant Office of Polar Programs OPP Award 0612523
- 2008 EPSCOR travel grant to Resilience 2008 conference, Stockholm, Sweden, April 14 – 16
- 2007 Association of Canadian Studies in the United States travel grant to present a paper at their annual conference, Toronto, Ontario
- 2006 Institutional Dimensions of Global Environmental Change (IDGEC) travel grant to present an invited paper at their conference in Bali, Indonesia
- 2004 International ICARP II travel grant to present a research poster in Copenhagen, Denmark
- 2003 NSF travel grant to attend the SEARCH meeting, Seattle, Washington

*Honors*

- 1999 York University Faculty of Environmental Studies Occasional Paper Series Selection Award for Major Paper  
1990 – 1996 Dean’s list, multiple years, Western Washington University  
1996 Honors program graduate, Western Washington University

**SELECTED PUBLICATIONS**

*Peer-reviewed journal articles*

- Ban, NC, E Boyd, M Cox, **CL Meek**, ML Schoon, and S Villamayor-Tomas. 2015. Linking classroom learning and research to advance ideas about social-ecological resilience. *Ecology and Society* 20(3):35. Available at <http://dx.doi.org/10.5751/ES-07517-200335>
- Epstein, G, I Ibarra-Sosa, M Schoon and **CL Meek**. 2015. Governing the Invisible Commons: Ozone regulation and the Montreal Protocol. *International Journal of the Commons* 8(2): 337-360.
- Milkoreit, M., ML Moore, M Schoon and **CL Meek**. 2015. Resilience Scientists as Change Makers - Growing the Middle Ground Between Science and Advocacy? *Environmental Science and Policy* Volume 53(B): 87-95.
- Meek, CL**. 2013. Forms of collaboration and social fit in wildlife management: a comparison of policy networks in Alaska. *Global Environmental Change* 23(1): 217-228.
- Clark, D, **CL Meek**, J Cheechoo, S Clark, A Foote, J Lam, D Lee, and G York. 2013. Polar Bears and CITES: a rejoinder to Parsons and Cornick. *Marine Policy* 38: 365-368.
- Lovecraft, ALL, **CL Meek**, H Eicken. 2013. Connecting scientific observations to stakeholder needs in sea ice social–environmental systems: the institutional geography of northern Alaska. *Polar Geography* 36(1-2): 105-125.
- Biggs, R. et al. 2012. Towards principles for enhancing the resilience of ecosystem services. *Annual Review of Environment and Resources* 37: 421-448.
- Meek CL**, AL Lovecraft, M Dowsley, R Varjopuro, and AT Dale. 2011. Adaptive governance and the human dimensions of marine mammal management: implications for policy in a changing North. *Marine Policy* 35(4): 466-476.
- Meek CL**. 2011. Putting the U.S. polar bear debate into context: the disconnect between old policy and new problems. *Marine Policy* 35(4): 430-439.
- Lovecraft AL and **CL Meek**. 2011. The human dimensions of marine mammal management in a time of rapid change: comparing policies in Canada, Finland and the

United States. *Marine Policy* 35(4): 427-429.

Robards, MR, ML Schoon, **CL Meek** and NL Engle. 2011. The importance of social drivers in the resilient provision of ecosystem services. *Global Environmental Change* 21(2): 522-529. doi:10.1016/j.gloenvcha.2010.12.004

Meadows A, **C Meek**, S McNeely. 2009. Towards integrative planning for climate change impacts on rural-urban migration in Interior Alaska: a role for anthropological and interdisciplinary perspectives. *Alaska Journal of Anthropology* 7(1): 57-69.

Robards MR, JJ Burns Sr, **CL Meek**, A Watson. 2009. Limitations of an optimum sustainable population or potential biological removal approach for conserving marine mammals: Pacific walrus case study. *Journal of Environmental Management* 91(1): 57-66.

**Meek CL**, AL Lovecraft, MD Robards, GP Kofinas. 2008. Building resilience through interlocal relations: case studies of polar bear and walrus management in the Bering Strait. *Marine Policy* 32(6): 1080-1089.

*Peer-reviewed book chapters*

**Meek CL**. Conservation of marine mammals in Alaska: the value of policy histories for understanding contemporary change. 2011. Chapter in Lovecraft, AL and Eicken, H (eds.), *North by 2020 synthesis*. Fairbanks: University of Alaska Press. Pages 359-375.

Haley, S, L Chartier, G Gray, **CL Meek**, J Powell, AA Rosenberg, and J Rosenberg. Strengthening Institutions for Stakeholder Involvement and Ecosystem-based Management in the U.S. Arctic Offshore. 2011. Chapter in Lovecraft, AL and Eicken, H (eds.), *North by 2020 synthesis*. Fairbanks: University of Alaska Press. Pages 457-476.

Kofinas G, SJ Herman, **CL Meek**. 2007. Novel problems require novel solutions: innovation as outcome of adaptive co-management. In *Theory and Practice of Adaptive Co-management*. Fikret Berkes, Nancy Doubleday, Derek Armitage (eds). Vancouver: UBC Press.

**Meek CL**. 2004. Political issues in resource management. Nutall, Mark (ed), entry in *Encyclopedia of the Arctic*, 1st edition, New York: Routledge.

*Peer-reviewed book chapters in press*

**Meek CL** and E Russell. In press. The Challenges of American Federalism in a Rapidly Changing Arctic. Chapter is part of the proceedings of a symposium held at Oxford University in Fall 2013.

*Dissertation and theses*

**Meek CL.** 2009. *Comparing marine mammal co-management regimes in Alaska: three aspects of institutional performance*. Dissertation in partial fulfillment of the Doctor of Philosophy degree, Department of Resources Management, University of Alaska Fairbanks.

**Meek CL.** 1999. *The Role of a Transnational Social Movement Organization in Boreal Forest Management: the case of the Taiga Rescue Network*. Major paper for partial fulfillment of Master of Environmental Studies, Faculty of Environmental Studies, York University, Toronto, Canada.

### **TEACHING EXPERIENCE**

**Instructor**, Political Science, University of Alaska Fairbanks, 2009- present.

Courses taught: Comparative Indigenous Rights and Policies (PS 450/650, ANS 450), Government and Politics of Russia (PS 468/668, NORS 668), Political Economy 100X, U.S. Environmental Politics (PS 447/647, NORS 647), International Relations of the North (PS 452/652, NORS 652), Arctic Governance and Politics (PS 669), Research design seminar for the Resilience and Adaptation graduate program (NRM 668).

**Thesis supervision**, Political Science, University of Alaska Fairbanks.

Political Science undergraduate thesis: Haley Hanson, 2012

Honors undergraduate thesis: Keane Richards, 2011

Honors undergraduate project: Amy Snider, 2010

PhD in Anthropology (CLA) co-chair: Ilona Kemp

PhD in Natural Resources and Sustainability (SNRAS) co-chair: Amanda Meyers

PhD in Natural Resources and Sustainability (SNRAS) co-chair: Tobi Maracle

PhD in Natural Resources and Sustainability (SNRAS) committee member: John Duffy 2011-ongoing

PhD in Natural Resources and Sustainability (SNRAS) committee member: Josie Sam 2013-ongoing

PhD in Natural Resources and Sustainability (SNRAS) committee member: Berill Blair

PhD in Geophysics committee member: Dyre (Oliver) Dramman

Masters thesis co-chair in Northern Studies: Fatima Ochante (graduated 2013)

Masters thesis chair in Northern Studies: Erin Shew, 2010-ongoing

Masters thesis committee member in Northern Studies: Anke Hildebrandt 2010-ongoing

Masters thesis committee member in Northern Studies: Michael Bach, 2011-present

### **SERVICE**

2013

UAF Faculty Senate ad-hoc committee on interdisciplinarity

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|----------------|--|
| 2013           | Panel Reviewer for Center for Global Change graduate funding competition   |
| 2012-present   | Reviewer for the Policy Sciences journal   |
| 2012           | Reviewer for the Journal of Environmental Policy and Planning  |
| 2012           | Reviewer for the journal, Energy Policy  |
| 2012-present   | Reviewer for journal, Global Environmental Change  |
| 2011-present   | Resilience and Adaptation Program Steering Committee member  |
| 2011-present   | Center for Global Change Steering Committee member   |
| 2011           | UAF General Education Revitalization Committee member  |
| 2011           | Reviewer for the Social Science and Humanities Research Council of Canada  |
| 2010 - 2012    | UAF Core Review Committee member   |
| 2009 – ongoing | Reviewer for Ecology and Society   |
| 2009 – ongoing | Reviewer for the Journal of Sustainability   |
| 2008           | Reviewer for “Sustainability of the Arctic-Yukon-Kuskokwim Salmon Fisheries: What do we know about salmon ecology, management, and fisheries?” Proceedings of the Symposium held February 6-9, 2007, Anchorage, Alaska |