

Amy Lauren Lovecraft
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[contract to provide professional services to coordinate and implement projects related to arctic sustainability between NOAA and UAF] PI: A.L. Lovecraft \$98,380**
2015-2017 Co-PI Northwest Arctic Borough Science Steering Committee, "Northern Alaska Scenarios Project: Youth engagement on community sustainability" (Arctic Future Makers). PI: Doug Cost \$51,250.**
2013-2017 National Science Foundation (NSF) "The North Slope Arctic Scenarios Project (NASP): Envisioning Futures and Strategizing Pathways for Healthy Communities."
PI: A.L. Lovecraft \$954,290**
2013-2015 Co-

2001 Grants to attend *Canada / i* e July 11-22, 2001. I was a UAF representative competitively selected to attend this institute for Canadian studies and research development. I received an award from the Government of Canada and UAF.

- DeWilde*, and R. L. Naylor. 2008. Increasing wildfire in the boreal forest: Causes, consequences, and pathways to potential solutions of a wicked problem. *Bi Science*, 58 (6), 531-540.
- *Meek C.L., A.L. Lovecraft, M.T. Robards*, G.P. Kofinas. 2008. Building resilience through interlocal relations: Case studies of walrus and polar bear management in the Bering Straits. *Marine Policy*, 32(6): 1080-1089.
- Lovecraft, A.L. 2007. Transnational environmental management: U.S. - Canadian institutions at the interlocal scale. *American Review of Canadian Studies*, 7(32), 218-245.
- Lovecraft, A. Fall 2006/Winter 2007. Bridging the biophysical and social in transboundary water governance: Quebec and its neighbors. *Quebec Studies* 42, 133-140.
- Chapin, F.S., III, A.L. Lovecraft, E.S. Zavaleta, J. Nelson*, M.D. Robards*, G.P. Kofinas, S.F. Trainor, G.D. Peterson, H.P. Huntington, and R.L. Naylor. 2006. Policy strategies to address sustainability of Alaskan boreal forests in response to a directionally changing climate. *Proceedings of the National Academy of Sciences* 103(45):16637-16643.
- Lovecraft, A., W.D. Chapin, D.C.W. Parker, and D. Sadler. 2006. Simulations and role-playing track summary, *PS: Political Science and Policy*, 34(3), 540-541.
- Lovecraft, A. 2004. Interlocal rules and democracy in the administration of cross border policy communities. *Administrative Theory & Practice*, 26, 383-407.

Book Chapters

Van

- M. Lepparanta Editors. *Handbook of field echinoid ecology: A field guide to the ecology of sea urchins and brittle stars*. University of Alaska Press: Alaska, 9-24.
- Lovecraft, A.L. 2008. Climate Change and Arctic Cases: A Normative Exploration of Social-Ecological System Analysis, In Steve Vanderheiden, Editor. *Political Theory and Global Climate Change*. The MIT Press: Cambridge, MA, 91-120.

Books

- Lovecraft, A.L. and H. Eicken, Editors. 2011. *North 2020: Perspectives on Alaska's Changing Social-Ecological System*. University of Alaska Press: Fairbanks, AK. 736pgs.

Proceedings

- Eicken, H., O. Lee, and A.L. Lovecraft. 2016. Evolving roles of observing systems and data co-management in Arctic Ocean governance. Oceans2016 MTS/IEEE. DOI: [10.1109/OCEANS.2016.7761298](https://doi.org/10.1109/OCEANS.2016.7761298)
- Lovecraft, A. L. Editor. 2009. *Proceedings: Learning from the Columbia River Inland Northwest Research Alliance*, Idaho Falls, ID.
- Lovecraft, A. and McBeath, J. 2005. "Alaska" In: Carl Mott ed. *Proceedings: Bridging the 13 Western States*. Center for Public Policy and Administration, University of Utah, Salt Lake City, UT, 1-17.

Reports and White Papers

- Lovecraft, A.L. and B. Preston 2018. Chapter 8 "Arctic Scenarios" In *Adaptation Action Plan for Arctic - Perspectives from the Bering/Chukchi/Beaufort Region*. Arctic Monitoring and Assessment Programme (AMAP), Arctic Council, Oslo, Norway.
- Lovecraft, A.L., N. Fresco, D. Cost. 2017. Northern Alaska Scenarios Project: Creating Healthy Sustainable Communities in Arctic Alaska. *Center for Arctic Policy Studies Report Series*.
- Cornell, S., Downing, A., Clark, D., Bickford, A., Blom, A., Carson, M., Goodwin, W., Kelman, I., Lefevre, J., Lovecraft, A., McGovern, T., Strambo, C., and Yurova, A. 2016. Chapter 2. Multiple Arctics: resilience in a region of diversity and dynamism. pp. 27-61 in Carson, M., and Peterson, G. (eds). 2016. Arctic Resilience Report. Stockholm Environment Institute and Stockholm Resilience Centre, Stockholm, SU. URL: <http://www.arctic-council.org/arr>
- Lovecraft, A.L., C.L. Meek, and H. Eicken. 2016. Data portals as institutional bridges: Connecting scientific observations to stakeholder needs.

2015 November, "Scenarios as Social Learning: Anticipatory Governance for Healthy Sustainable Communities in Arctic Alaska"

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- 2018 Plenary Speaker "Arctic Futures – Generating Scenarios for Arctic 2050" *Arctic News Science Meeting*, Ottawa, 11 December.
- 2018 Closing Speaker for *Western Pacific Alaska State High School Challenge*, 5 December.
- 2018 Speaker, "Legal framework and legislation concerning Indigenous people in Alaska" Hokkaido University Arctic Research Center, Japan, 3 July.
- 2018 Speaker "How does climate policy at the State and Federal level affect water resources research in Alaska?" *Alaska Water Resource Actin*, Anchorage 11 April.
- 2017 Speaker, "Scenario Planning in the Arctic" *United States and Canada North Oil and Gas Research Forum* Anchorage 11-13 October.
- 2016 Speaker "Anticipatory Governance in Social-Ecological Systems: Researching Community Health and Sustainability in Arctic Alaska" at *Sustainability Science Conference Series*, University of Copenhagen, Denmark, 24 May.
- 2016 Plenary Speaker and panelist at *Arctic Dialogue Workshop*, University of Southern Denmark, Odense, 25-28 May.
- 2016 Guest Instructor at Middlebury Monterey Institute of International Studies for graduate course *The Challenge of Arctic Ecology, Economics, and Geopolitics*, Monterey, CA, 9 April.
- 2015 Speaker/Workshop participant "Scenarios Work on Alaska's North Slope" *Arctic Future Initiative Workshop*, IIASA, Laxenburg, Austria 1-3 December.
- 2014 Speaker "The Value of Scenarios for Arctic Futures: Facilitating Expert Dialog Across Scales and Interests" *The Trans-Arctic Agenda Conference*, University of Iceland, 29-30 October.
- 2014 Speaker and working group member "Regional Scenarios Development in Alaska's North Slope" Arctic Scenarios Workshop, *Arctic Migration and Population and the Arctic* (IIASA) *Arctic Dialogue*, 19-20 May.
- 2013 Speaker "The Sea Ice System Services Framework" *White Arctic Blue Arctic Workshop*, Columbia University, 24-25 April.
- 2012 Speaker "North by 2020: Perspectives on Alaska's Changing Social-Ecological Systems" University of Alaska Anchorage Bookstore, Anchorage, AK 13 March.
- 2012 Speaker "Gender, Well-being, and Climate Change in the Arctic" Institute of Social and Economic Research, University of Alaska Anchorage, Anchorage, AK 13 March.
- 2011 Speaker "U.S. Electoral Politics: What will happen in the 2012 elections?" University of Lapland, Finland, Faculty of Social Sciences 6 May.
- 2011 Speaker "Arctic Politics Across Scales: A Social-Ecological Approach to Rapid Change" University of Lapland, Finland, Arctic Centre 4 May.
- 2011 Speaker "Arctic Politics Across Scales: A Social-Ecological

- 2008 Speaker, "Final Panel: Future Recommendations for the Arctic Council" *Arctic Council Sustainable Development Working Group, Workshop: Vulnerability and Adaptation to Climate Change in the Arctic*, 22-23 October, Tromsø, Norway.
- 2007 Speaker, "North by 2020: Polar Research & Community Vitality" *Alaska Municipal League 5th Annual Conference* 5-7 November, Fairbanks, Alaska.
- 2005 Participant, The 105th American Assembly, Columbia University U.S. - Canada Relations. 3-6 February, Arden House. Harriman, New York.
- 2004 Roundtable speaker: "Third Parties in American Politics." Public panel at UAF organized by the Alaska Green Party, November 15.
- 2002 UAF Team Member, American Association of Colleges and Universities, *Liberal Education and Global Citizenship: The Affordances of the 21st Century*. 20-24 May, Washington DC.
- 2002 Speaker, "Creating Institutions for Interlocal Natural Resource Cooperation: Lessons from the Great Lakes" *Tribal Environmental Management Conference* 4-7 May, Tampico, Tamaulipas, Mexico.

- 2011 - 2012 sole guest editor for *Polar Geography* double issue edition "The Human Geography of Arctic Sea Ice."
- 2011 Sabbatical Review Committee, College of Liberal Arts, UAF.
- 2002 - 2012 member of the Faculty Steering Committee for National Science Foundation *Interdisciplinary Graduate and Research Training* (IGERT) in Resilience and Adaptation (RAP).
- 2011 Organized, presented in, and moderated panel discussion for the public outreach of book publication *Northern 2020: Perspectives on Alaska Changing Sociological Science* as sponsored by the UAF Chancellor and International Arctic Research Center, 14 December 2011
- 2006 - 2010 University of Alaska Social Science faculty member for the National Science Foundation EPSCoR Phase III
- 2008 U.S. State Department Project Lead for the Arctic Council Sustainable Development Working Group's project *Vulnerability and Adaptive Climate Change in the Arctic*.
- 2008 Reviewer for National Science Foundation/Department of Defense grant competition "National Security, Conflict and Cooperation (NSCC)."
- 2008 Reviewer for Government of Canada grant competition *Climate Change and Ocean Governance* proposals.
- 2008 - 2009 Symposium Organizer and Science Committee Chair for *INRAI: Learning from Climate Change*. Meeting held March 4-7, 2009.
- 2007- 2009, 2012, 2016, 2017