

Appendix 2

Sources of Additional Information for the Case Studies

Assessing the potential for tidal energy development

Publications

Jansujwicz, J. S., and T. R. Johnson. 2014. The Maine Tidal Power Initiative: Transdisciplinary sustainability science research for the responsible development of tidal power. *Sustainability Science*, doi: 10.1007/s11625-014-0263-7.

Johnson, T. R., J. Jansujwicz, and G. Zydlewski. 2013. Tidal power development in Maine: Stakeholder identification and perceptions of engagement. *Estuaries and Coasts*, 38(S1):266-278.

Jansujwicz, J. S., and T. R. Johnson. 2013. Understanding and informing permitting decisions for tidal power development in Maine. *Estuaries and Coasts*, 38(S1):253-265.

Johnson, T., and G. B. Zydlewski. 2012. Research for the sustainable development of tidal power in Maine. *Maine Policy Review*, 21 (1):58-64. [online] URL: <http://digitalcommons.library.umaine.edu/mpr/vol21/iss1/10/>

Masters Thesis

Vieser, J. D. 2014. Collaborative research on finfish and their distribution and diversity in Cobscook Bay, Maine. Unpublished M.S. thesis. University of Maine, Orono, ME.

Conference Proceedings

Jansujwicz, J. S., and T. R. Johnson. Human dimensions research on marine hydrokinetic energy in Maine. In *Proceedings of the 2nd International Conference on Environmental Interactions of Marine Renewable Technologies (EIMR 2014)* 28 April - 02 May, Stornoway, Isle of Lewis, Outer Hebrides Scotland EIMR2014-259. [online] URL: http://tethys.pnnl.gov/sites/default/files/attachments/EIMR2014_259_Jansujwicz.pdf

Fact Sheet

Johnson, T. R., and J. Jansujwicz. 2013. MTPI Human Dimensions Fact Sheet. [online] URL: http://umaine.edu/mtpi/files/2013/05/MTPI_Human-Dimensions_2013_Final.pdf

Websites

Senator George J. Mitchell Center for Sustainability Solutions, University of Maine - Renewable Energy from the Tides. [online] URL:

<http://umaine.edu/mitchellcenter/renewable-energy-from-the-tides/>

Maine Tidal Power Initiative, University of Maine. [online] URL:

<http://umaine.edu/mtpi/>

Video

Maine Tidal Power Initiative Review. September 18, 2012. Trescott, ME. Presentations to industry and regulatory stakeholders. [online] URL: <http://umaine.edu/mtpi/home/mtpi-review-in-washington-county/>

Media

2011. *Triple Bottom Line*. Maine Public Broadcasting Network - Sustainable Maine Series. [online] URL: <http://www.mpbn.net/Television/LocalTelevisionPrograms/SustainableMaine/ArchivedPrograms/tabid/1480/ctl/ViewItem/mid/5132/ItemId/22003/Default.aspx>

Adapting to a changing climate in coastal communities

Publications

Dhakal, N., S. Jain, A. G. Gray, M. Dandy, and E. Stancioff. 2014. Nonstationarity in seasonality of extreme precipitation: A nonparametric circular statistical approach and its application. *Water Resources Research* (in review).

Conference Proceedings

Dandy, M. 2013. Extreme Rainfall in a Changing Climate: New Analysis and Estimation Considerations for Infrastructure Design. Proceedings of the 2013 National Conference on Undergraduate Research (NCUR), University of Wisconsin La Crosse, WI, April 11 – 13, 2013. [online] URL: <http://www.ncurproceedings.org/ojs/index.php/NCUR2013/article/viewFile/374/296>

Masters Thesis

Gray, A. G. 2012. Climate-Related Adaptation in Coastal Maine: A Study of Governance and Decision Process. Master of Science Thesis in Ecology and Environmental Science, University of Maine, Orono, USA. Electronic Theses and Dissertations. Paper 1811. [online] URL: <http://digitalcommons.library.umaine.edu/etd/1811>

Websites

Senator George J. Mitchell Center for Sustainability Solutions, University of Maine – Helping Communities Weather the Storms. [online] URL: <http://umaine.edu/mitchellcenter/helping-communities-weather-the-storms/>

Media

2013. *Culvert Operations*. Maine Public Broadcasting Network Sustainable Maine Series. [online] URL: <http://www.mpbn.net/Television/LocalTelevisionPrograms/SustainableMaine/CulvertOperations.aspx>

Reducing vulnerability to an invasive forest pest, the emerald ash borer

Publications

Ranco, D., A. Arnett, E. Latty, A. Remsburg, K. Dunkel, E. Quigley, R. Lilieholm, J. Daigle, W. Livingston, J. Neptune, and T. Secord. 2012. Two Maine Forest Pests: A Comparison of Approaches to Understanding Threats to Hemlock and Ash Trees in Maine. *Maine Policy Review* 21(1): 76-89. [online] URL:

<http://digitalcommons.library.umaine.edu/mpr/vol21/iss1/12/>

Senier, S., A. Lioi, M. K. Ryan, P. Vasudevan, A. Nieves, D. Ranco, and C. Marshall. 2014. The Resilience of Race: A Cultural Sustainability Manifesto. *Resilience: A Journal of Environmental Humanities* 1(2): 1-6.

Voggeser, G., K. Lynn, J. Daigle, F. Lake, and D. Ranco. 2013. Cultural Impacts to Tribes from Climate Change Influences on Forests. *Climatic Change*. Published online 29 March, 2013 (In Print, Fall 2013).

Conference Proceedings

Chief, K., J. Daigle, K. Lynn, and K. P. Whyte. 2014. Indigenous Experiences in the U.S. with Climate Change and Environmental Stewardship in the Anthropocene. In: Sample, V. A. and Bixler, R. P. (eds.). *Forest Conservation and Management in the Anthropocene: Conference Proceedings*. Proceedings. RMRS-P-71. Fort Collins, CO: US Department of Agriculture, Forest Service. Rocky Mountain Research Station.

Curriculum

[online] URL:

http://www.uniquemainefarms.com/uniquemainefarms.com/Emerald_Ash_Borer.html

Websites

Senator George J. Mitchell Center for Sustainability Solutions, University of Maine – Mobilizing to Fight the Emerald Ash Borer. [online] URL:

<http://umaine.edu/mitchellcenter/mobilizing-to-fight-the-emerald-ash-borer/>

Maine Indian Basketmakers Alliance website. [online] URL:

<http://maineindianbaskets.org/programs/environmental-programs/>

Sustaining Maine's Brown Ash Resource. [online] URL:

<http://www.umaine.edu/brownash/>

Media

2013. *Basket Trees: Saving a Tradition*. Maine Public Broadcasting Network. Sustainable Maine Series. [online] URL:

<http://www.mpbn.net/Television/LocalTelevisionPrograms/SustainableMaine/BasketTrees.aspx>