

Environmental Information: Use and Influence Report to BoFEP Annual Meeting

The Environmental Information: Use and Influence (EIUI) interdisciplinary research program, based on the Faculty of Management at Dalhousie University, continues an active research agenda on subjects regarding the pathways and roles of information in marine science-policy interfaces. This research is supported by an Insight Grant from the Social Sciences and Humanities Research Council of Canada. While the pandemic constrained how the research team operated (for 18 months all meetings were conducted via MS Teams), a number of projects continued.

Current Projects

In collaboration with the California Ocean Science Trust, EIUI has launched a project to investigate the information seeking activities of staff of the California Legislature (who report to Assembly Members and Senators) that deal with coastal and marine subjects. The research team is also completing a synthesis analysis of numerous case studies EIUI has conducted over the past several years to draw out common themes about information pathways in science-policy interfaces. The results of these initiatives will highlight the importance of understanding how reliable information is used for marine environmental sustainability.

Publications, Website, and Twitter

The research team's publication activities are listed in the appendix. EIUI maintains an active Twitter account (twitter.com/EIUI_Dal) and further details about the research team's work are available at the EIUI website (www.eiui.ca).

Conferences

The research team participated in several conferences with posters and oral presentations over the past several months (see appendix).

Graduate Course

Another iteration of the graduate course, Information in Public Policy and Decision Making, was offered during the Winter 2021 term to 25 Masters and Doctoral students from six different programs. Due to the pandemic restrictions, the course was delivered online, which provided an opportunity to feature guest speakers located in Canada and Europe.

Bertrum MacDonald
For the EIUI Research Team
20 October 2021

Appendix

Publications

Moreland, H. R., De Santo, E. M., & MacDonald, B. H. (2021). Understanding the role of information in marine policy development: Establishing a coastal marine protected area in Nova Scotia, Canada. *FACETS*, 6, 1–30. <https://doi.org/10.1139/facets-2020-0109>

Moharana, T. (2021). Book Review. *The Science of Citizen Science*. K. Vohland, A. Land-Zandstra, L. Ceccarioni, R. Lemmens, J. Perelló, M. Ponti, R. Samson, & K. Wagenknecht. (Eds.). 2021. Springer International Publishing, Cham, Switzerland: vii, 529 pp. *Proceedings of the Nova Scotian Institute of Science*, 51(2), 455–457. <https://doi-org/10.15273/pnsis.v51i2.11167>

Moreland, H. R., De Santo, E. M., & MacDonald, B. H. (2021, September 20). New EIUI paper – Understanding the role of information in marine policy development. [Blog post]. <https://eiui.ca/new-eiui-paper-understanding-the-role-of-information-in-marine-policy-development/>

MacDonald, B. H., Moharana, T., & Wells, P. G. (2021, August 24). Science-policy interface books EIUI team members are reading this summer. [Blog post]. <https://eiui.ca/science-policy-interface-books-eiui-team-members-are-reading-this-summer/>

Moharana, T. (2021, July 26). News media and public policy decisions: What can public discourse tell us about community views on open net-pen salmon aquaculture in Nova Scotia? [Blog post]. <https://eiui.ca/news-media-and-public-policy-decisions-what-can-public-discourse-tell-us-about-community-views-on-open-net-pen-salmon-aquaculture-in-nova-scotia/>

Martin, C. (2021, January 12). New EIUI paper: Using interpersonal communication strategies to encourage science conversations on social media. [Blog post]. <https://eiui.ca/new-eiui-paper-using-interpersonal-communication-strategies-to-encourage-science-conversations-on-social-media/>

Conference Presentations

Moharana, T. (2021). Public discourse on open net-pen salmon aquaculture in Nova Scotia: Analysis of news media coverage. Sustainable Oceans Conference, Halifax, Nova Scotia, 23-25 September 2021. <https://www.sustoceans.com/conference-program>

Mongeon, P. (2021). Mobilizing research in the public sphere: A case study of research on sharks. Sustainable Oceans Conference, Halifax, Nova Scotia, 23-25 September 2021. <https://www.sustoceans.com/conference-program>

Ryder-Burbridge, S., MacDonald, B. H., & Soomai, S. S. (2021). A coastal case study: Can cultural ecosystem services frameworks accurately interpret plain language survey responses. International Council for the Exploration of the Sea (ICES) Annual Science Conference, Virtual. 6-10 September 2021. <https://www.ices.dk/events/asc/ASC2021/Pages/default.aspx>

MacDonald, B. H., De Santo, E. M., Mongeon, P., Soomai, S. S., Stewart, I., & Wells, P. G. (2021). The critical need to understand barriers to the flow of information in science-policy interfaces. International Network for Government Science Advice (INGSA) Conference, Montreal, 30 August – 2 September 2021. <https://www.ingsa.org/ingsa2021/>

Mongeon, P., Moharana, T., Melnick, K., Toupin, R., Gone, P., & MacDonald, B. H. (2021). Advancing marine conservation through understanding the distribution of media and scholarly attention across

shark research communities. Coastal Zone Canada Conference, Iqualuit, Nunavut, Canada, 13-16 June 2021. <https://www.coastalzonecanada.org/czc2021/>

Cadman, R., Martin, C., Moreland, H. R., & MacDonald, B. H. (2021). Engaging stakeholders: Exploring participation in environmental governance. Coastal Zone Canada Conference, Iqualuit, Nunavut, Canada, 13-16 June 2021. <https://www.coastalzonecanada.org/czc2021/>

MacDonald, B. H., De Santo, E. M., Soomai, S. S., & Wells, P. G. (2021). Advancing coastal and marine management and conservation through understanding enablers and barriers in the use and influence of research information. Coastal Zone Canada Conference, Iqualuit, Nunavut, Canada, 13-16 June 2021. <https://www.coastalzonecanada.org/czc2021/>

Melnick, K., Moharana, T., Toupin, R., Gone, P., MacDonald, B. H., & Mongeon, P. (2021). The intersection of shark research, policy, and the public: A bibliometric and altmetric view. Canadian Association for Information Science Annual Conference, Edmonton, 7-11 May 2021. <https://www.cais2021.ca/talk/27.melnick/>