



We are recruiting for an exceptional PhD candidate to join an interdisciplinary team to carry out research to understand trajectories of social license for nature-based coastal adaptation. **This PhD Studentship is funded CAD\$44,444 p.a. for 4.5 years under the Tier-1 Ocean Geographic Excellence Network (oceangraduate.com)**. First round application review will begin January 30, 2021; later applications will be part of a second review, if required.

Community members see and experience their landscapes in complex ways that shape how they perceive new options for coastal flood risk management. The political will to implement nature-based options will falter if the social dimensions of such options are not given equivalent attention to the technical dimensions. **This project will bring together new developments from social sciences and humanities work in the interdisciplinary fields of social impact assessment (SIA), marine spatial planning (MSP) and landscape culturomics to apply to nature-based infrastructure implementation projects.** The objectives will be both to develop and pilot replicable methods for understanding the social dimensions of nature-based systems implementation, and assist NRC in deepening its capacity for integrating social sciences and humanities scholarship in its own research projects. The research undertaken will thus also contribute knowledge applicable to the growing interdisciplinary challenges of building and sustaining climate-change resilient socio-ecological coastal systems.

The successful candidate will:

- Enrol in Dalhousie's IDPhD program by September 2021, which has minimum entry requirements of A- (3.7) GPA at the senior undergraduate and graduate degree level.
- The position will be suitable for a student with previous degrees in social science disciplines or interdisciplinary studies that include social science, and will have had some exposure to interdisciplinary or multi-disciplinary research programs. Disciplines include, but are not limited to, social geography, planning, information science, sociology and cultural anthropology, environmental studies, natural resources management, marine studies, among others.
- Students will be skilled in social science research methods, and ideally have experience in social impact assessment or social license research.
- Experience with IT including programming and systems work is an asset, but is not required, as the increased sophistication and usability of machine learning tools means leveraging this technology is a teachable skill.
- Success in writing peer-reviewed journal articles.

We are eager to diversify our team through this recruitment, so particularly invite applications from people whose identity or circumstances puts them in a position of being underserved in the academic context. Send applications to Kate Sherren at kate.sherren@dal.ca including this in a single PDF, with the subject line OGEN application [Surname]:

- A letter of interest (maximum two pages) that describes your background, your interest in the project, and your qualifications and capacity to carry it out effectively.
- Names and contact details for three potential referees.
- A c. v. (curriculum vitae)
- Unofficial transcripts from undergraduate and graduate study