Postdoctoral Fellow in
Coastal Community Resilience

Coastal communities face many hazards, from oil spills to coastal flooding and the longer-term threats of climate change. New information tools are needed to help communities make informed, effective decisions to address these risks. The Resilient Coasts Canada (Resilient-C) online platform was developed to help communities share knowledge and resources to support coastal hazard risk reduction (https://resilient-c.ubc.ca). Launched in 2016, the platform uses an indicator approach to help a community identify others that share its hazard vulnerability characteristics, and to learn about their risk reduction activities. Resilient-C currently focuses on Salish Sea coastal communities in British Columbia.

POSITION

Our research group is seeking a postdoctoral fellow in Coastal Community Resilience to play a pivotal role in developing Phase II of the Resilient-C platform and associated research agenda. The postdoc will join a dynamic, dedicated group working with Dr. Stephanie Chang at the University of British Columbia in Vancouver. The postdoc must be physically based in Vancouver. The successful candidate will work with the team to: (i) maintain, update, and refine the Resilient-C platform, (ii) assess and improve its usefulness, (iii) expand its geographic scope, and (iv) plan and execute its Phase II online implementation. The postdoc will have opportunities to develop his or her own research agenda associated with Resilient-C, as well as with coastal community resilience more broadly.

FUNDING

The position is available from August 1, 2017, through March 31, 2019 (20 months), with possibility of renewal subject to funding availability. Salary will be commensurate with qualifications and experience. This position is funded by the Marine Environmental Observation Prediction and Response (MEOPAR) Network of Centres of Excellence (NCE), whose goal is to improve Canada's ability to manage and respond to risk in the marine environment (www.meopar.ca).

QUALIFICATIONS

The ideal candidate will be someone who:

- Is well-versed in the social science literature on disaster vulnerability and resilience
- Has knowledge of coastal communities, including issues associated with coastal hazards, coastal vulnerability, and marine-related social and economic activities, particularly across Canada
- Has experience conducting interviews and surveys
- Has experience in quantified vulnerability and risk analysis
- Has expertise in GIS, statistical analysis, and content analysis
- Is skilled in working with large datasets
- Has interest in developing online applications
- Has interest and experience in conducting interdisciplinary, applied research
- Holds a Ph.D. in a relevant field (e.g., urban planning, geography)
- Has demonstrated high productivity in producing peer-reviewed publications
- Works well both independently and as part of an interdisciplinary team
- Has strong time management, organizational, and project management skills, and
- Is able to communicate effectively with researchers in various disciplines and with non-academic members of governments, communities, and the private sector.

APPLICATION

Applicants should submit a c.v., two to three representative publications or papers, a statement of research interests, and three reference letters by email to Dr. Stephanie Chang (stephanie.chang@ubc.ca) with "MEOPAR PDF" as the subject line. Applications will be considered from June 1, 2017, until the position is filled. Please address any inquiries to Dr. Chang.

5/10/17