



Chair of Environmental Engineering for Marine and Coastal Resource Management – Tier II

Environmental Engineering for Marine and Coastal Resource Management

The Department of Civil and Resource Engineering invites applications for a Tier II Coastal Resource Management.

Assistant or Associate Professor (probationary tenure track) with an anticipated start date of July 1, 2017, or as negotiated.

The Department of Civil and Resource Engineering, in collaboration with Dalhousie's Centre

for Coastal Resource Management, is seeking a candidate with a strong background in environmental engineering. The candidate will be a faculty member within the department and will work in close collaboration with the Chair of Environmental Engineering for Marine and Coastal Resource Management. The Chair will have a strong background in environmental engineering, with expertise in areas that include: ballast water treatment; coastal erosion and protection; marine and coastal hydrodynamics; estuary reclamation; submarine mining as it relates to water quality control in marine environments; environmental effects monitoring and risk management in marine environments and coastal communities; wastewater treatment and risk management in coastal communities; marine wetland restoration/management; managing drinking water safety for coastal communities; saltwater intrusion of groundwater resources; dewatering of sludge and/or sedimentation; and/or other related topics on water resources in coastal communities. Dalhousie has significant institutional research strength in Ocean and Marine Studies and it is anticipated that the successful candidate will conduct collaborative research that draws on this strength.

The candidate must have a well-established research record and demonstrated ability to carry out independent scholarly research. The Chair will teach both undergraduate and graduate courses, develop graduate level courses, and support Department and CWRS initiatives. The candidate will also be expected to lead an externally-funded research program, supervise graduate student research, and foster existing and new collaborations with government and industry.

Applicants for this position must have a Ph.D. in Civil Engineering or a related field, must have earned a professional engineering license in Canada, and must be a citizen or permanent resident of Canada. Applications should be submitted to the Department of Civil and Resource Engineering, Dalhousie University, 6036 University Avenue, Halifax, NS B3H 1R5.

Details of the CRC program can be found at <http://www.chairs.gc.ca>. Tier II nominees should be eminent researchers who have demonstrated exceptional research creativity and have demonstrated the potential to achieve international recognition in their fields in the next five to ten years. They should also have a strong track record of high quality research, high quality with the potential to attract excellent trainees, students and future researchers.

Interested individuals should submit a single PDF file containing a statement of teaching and research interests, and a completed Self-ID questionnaire, which is available at www.dal.ca/~civil/civiloffice. Chair of the Search Committee, Director, Office for Civil and Resource Engineering, e-mail: civil.office@dal.ca. Three letters of reference should be sent directly by referees to the same e-mail address. The review process will commence on December 1, 2016
