



Environmental Engineering – 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 highly qualified individual to lead a research program in the area of environmental engineering for marine and coastal resource management. The successful candidate will be a faculty member within the department and will work closely with the Chair of the Centre for Coastal Resource Management. The Chair will have a strong background in coastal resource management and class 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; dredging operations and/or sedimentation impacts 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 successful 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 successful candidate will lead an externally-funded research program, supervise graduate student research, and foster existing and new collaborations with government and industry.

Applicants must have a Ph.D. in Civil Engineering, Environmental Engineering or a related field. Applicants must be registered professional engineers in Canada and hold a valid passport.

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: Dr. Robert Oudejans 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.
