The University of Manitoba invites applications for two full-time NSERC industrial research chair, tenure-track appointments, at the rank of Assistant or Associate Professor. With the support of KGS Group and Stantec both positions will work within the recently CFI funded Churchill Marine Observatory (CMO; http://umanitoba.ca/ceos/research/CMO.html). Both positions will encompass the broad field of Arctic System Science with a particular emphasis on the detection, impacts and or mitigation of oil (and other transportation related contaminant) spills in sea ice-covered environments. This can include the fields of sea ice geophysics, remote sensing, thermodynamics, genomics, geomicrobiology, low temperature isotope systematics, biogeochemistry, physical, chemical and biological oceanography, and physical and chemical measurement and/or modeling of oil spills in sea ice. The successful candidates must have a strong background in one or more of these areas, experience in working within a team approach to science, Arctic field experience and have completed their PhD, and or have postdoctoral experience, by the time of their appointment.

Successful applicants will be expected to work with the Director of CEOS in development of a competitive proposal to NSERC and develop a research program complementary to, and in support of the new CMO program coordinated through their industrial research chair sponsors; one chair will be sponsored by KGS Group (http://www.kgsgroup.com) and one by Stantec (http://www.stantec.com). Each sponsored chair will have a focus in one or more of the subfields of detection, impacts and/or mitigation of oil spills in sea ice. Each chair will act as a conduit between the commercial and research interests of the sponsor company and the broader academic capacity of the Arctic System Science and Technology signature group (http://www.chairs-chaires.gc.ca/program-programme/srp-prs/manitoba-eng.pdf). Each chair will receive sufficient funding to support their salary, one technician and travel funds.

The successful candidates will become members of the Centre for Earth Observation Science (CEOS: http://www.umanitoba.ca/ceos/) and housed in a purpose-built Nellie Cournoyea Arctic Research Facility. The Arctic Science Partnership (ASP) between CEOS, the Arctic Research Centre (ARC) at Aarhus University, and the Greenland Climate Research Centre (GCRC) will also provide added networking, field opportunities and exchange of staff and students (see asp-net.org).

CEOS houses extensive field sampling and analytical instrumentation for physical, biological and chemical oceanography as well as extensive remote sensing instrumentation, optical radiative transfer, meteorology, sea ice geophysics and support infrastructure for Arctic field research including the Sea-ice Environmental Research Facility (SERF) and access to the Canadian Research Icebreaker (CCGS Amundsen). The full proposal for CMO can be downloaded where a more extensive list of equipment to support CMO can be found (http://umanitoba.ca/ceos/research/CMO.html). Successful candidates will hold appointments in the Department of Environment and Geography. The successful candidates will be expected to teach undergraduate and graduate courses in their respective expertise in the environmental or...
geosciences. Candidates must have a strong commitment to research and teaching in their specialization.

The appointments will **commence July 1, 2016**, or as soon thereafter as may be mutually agreed.

The Clayton H. Riddell Faculty of Environment, Earth, and Resources is an environment conducive to both disciplinary and inter-disciplinary teaching and research. For more information about the faculty go to [http://umanitoba.ca/faculties/environment/](http://umanitoba.ca/faculties/environment/).

The University of Manitoba is the province’s largest, most comprehensive and only research-intensive post-secondary educational institution. It is home to a wide range of research centers and institutes. For more information, please see [www.umanitoba.ca/about](http://www.umanitoba.ca/about).

The University of Manitoba is located in Winnipeg; a prairie city with a population exceeding 700,000. Its ethnic diversity is notable and is celebrated through its many annual Festivals. Experience Winnipeg’s world-class arts and entertainment, and professional sports teams. Winnipeg boasts a balanced lifestyle with affordability; the Winnipeg housing market is one of the most favorable in Canada. Winnipeg is located close to superb outdoor recreational activities with a wide variety of lake, beaches, and wilderness areas within an easy drive from the City. For more information visit: [http://www.tourismwinnipeg.com/](http://www.tourismwinnipeg.com/). Learn more about Winnipeg at: [http://www.economicdevelopmentwinnipeg.com](http://www.economicdevelopmentwinnipeg.com).

Salary will be commensurate with qualifications and experience.

Applications should include a **cover letter outlining specific interests in the position**, a complete curriculum vitae, a statement of research interests, a **research plan**, a sample of 3 peer reviewed publications, a statement of teaching philosophy and interests, and the names and contact information of three referees. Successful applicants will be expected to assist CEOS to prepare a competitive application to the NSERC industrial research chair program ([http://www.nserc-crsng.gc.ca/Professors-Professeurs/CFS-PCP/IRC-PCI_eng.asp](http://www.nserc-crsng.gc.ca/Professors-Professeurs/CFS-PCP/IRC-PCI_eng.asp)).

Applications must be received **by November 6, 2015** to **David Barber, Associate Dean (Research)**, c/o Ms. Aggie Roberecki, Clayton H. Riddell Faculty of Environment, Earth, and Resources, 592 Wallace Building, The University of Manitoba, Winnipeg, Manitoba, R3T 2N2 **or by email to Aggie.Roberecki@umanitoba.ca**.

The University of Manitoba is committed to creating a diverse and inclusive workplace. Applications are encouraged from qualified applicants including members of visible minorities, Aboriginal peoples, persons with disabilities and people of all sexual orientations and genders. **All qualified candidates are encouraged to apply, however Canadians and permanent residents will be given priority.**

Application materials, including letters of reference, will be handled in accordance with the **“Freedom of Information and Protection of Privacy Act” (Manitoba)**. Please note that CVs will be provided to participating members of the search committee and department.