



## GLOBAL WATER FUTURES

### GLOBAL INSTITUTE FOR WATER SECURITY, UNIVERSITY OF SASKATCHEWAN, CANADA

#### Tenure-Track or Tenured Position in Remote Sensing as Assistant Professor, Associate Professor or Professor

To enhance the University of Saskatchewan (U of S) and Canada's capability to deliver transformative science in Water Security, the Global Institute for Water Security (GIWS), U of S, invites applications from outstanding researchers for a tenure-track or tenured position in the area of **Remote Sensing** as Assistant Professor, Associate Professor or Professor, effective September 1, 2017. Tenured appointments may be offered where candidates hold tenured or equivalent status in a relevant institution.

The position is funded by, and will contribute to, the Global Water Futures program (GWF), a transformative pan-Canadian research program, led by the U of S. GWF aims to place Canada as a global leader in water science for the world's cold regions and to address the strategic needs of the Canadian economy in adapting to change and managing the risks of uncertain water futures, including extreme events. GWF is transdisciplinary, working with a wide range of users and integrating the natural, social, health and engineering sciences to provide disaster warning, improved prediction of climate and water futures, and the decision support tools needed to inform adaptation to change and risk management. This 7 year, \$143million program builds on the expertise of the U of S and 3 key partner universities (McMaster, Waterloo, Wilfrid Laurier), faculty from 14 other universities, and 8 federal agencies, with strong international collaboration.

*Remote Sensing:* New sensor technologies have the potential to transform monitoring and modelling of Canada and the world's water quantity and quality, and Canadian industry is well positioned to exploit commercial opportunities. Water-related expertise in Canada is highly reputed but lacks critical mass. This new faculty position at U of S will join a new instrument development laboratory and contribute to the development and application of new autonomous sensors, satellite and/or drone-based remote sensing technologies. GWF data provides unparalleled capability for ground truthing and calibration of new sensors, and GWF partnerships with the Canadian Space Agency and commercial satellite companies provide ready access to platforms and commercial expertise. The successful applicant will have an established track record (or have potential) of internationally-leading innovation in sensor development and/or application; proven experience of addressing the challenges of monitoring and modelling hydrological processes in cold regions is essential.





The position will report directly to the Director, GIWS, with an associated academic appointment in one of the U of S Colleges/ Schools (School of Environment and Sustainability, Arts and Science, Engineering, School of Public Health, School of Public Policy, Agriculture and Bioresources).

Applicants for this tenure track-position will have a PhD in a relevant area and show evidence of excellent, internationally-leading research in this field. Candidates will have demonstrated excellence or show promise of excellence in teaching and graduate supervision, and will be expected to develop a vigorous, externally-funded research program that complements the research programs of the GIWS. The candidates must have excellent interpersonal skills, as demonstrated through collaborative interdisciplinary interactions, community engagement, and faculty collegiality; and, experience with interdisciplinary research partnerships and the potential to develop research collaboration with other researchers across the GWF network, and with the community and region. Prospective candidates are encouraged to visit the following websites for details:

- Global Institute for Water Security: <http://www.usask.ca/water/>
- Global Water Futures: <http://gwf.usask.ca/>

The U of S is located in Saskatoon, Saskatchewan, a city with a diverse and thriving economic base, a vibrant arts community and a full range of leisure opportunities. The University, a member of the U15 group comprising Canada's leading research-intensive universities, has a reputation for excellence in teaching, research and scholarly activities and offers a full range of undergraduate, graduate, and professional programs to a student population of over 23,000.

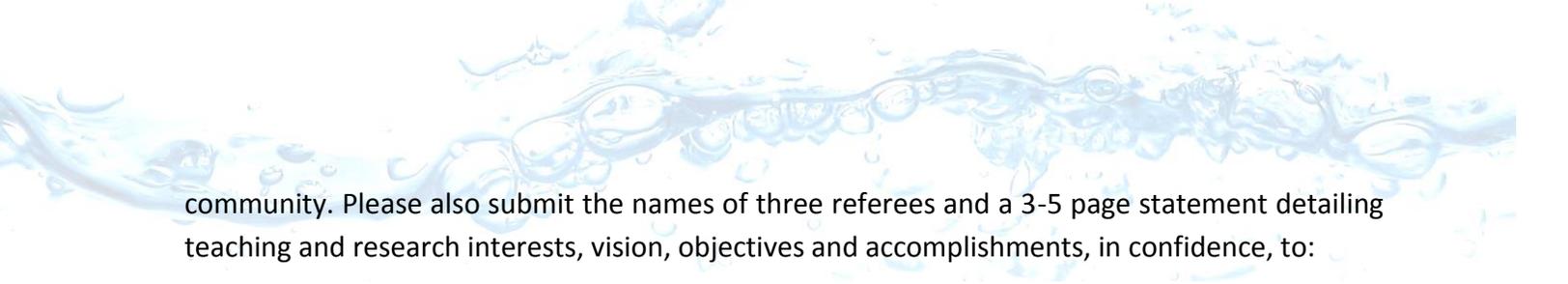
Information about the University, and the City of Saskatoon can be found at [www.usask.ca](http://www.usask.ca), <http://tourismsaskatoon.com> and <http://www.downtownsaskatoon.com>.

### **Salary and Benefits**

Salary bands for is position are as follows: Assistant Professor \$93,293-\$112,109; Associate Professor \$112,109 - \$130,295; Professor: \$130,925 – \$152,866. Additional remuneration may be available at the Professor level for merit and additional administrative duties. This position comes with a comprehensive benefits package which includes pension plan, life insurance (compulsory and voluntary), sick leave, travel insurance, death benefit, dental plan, extended health and vision care plan, employee assistance program and flexible health and wellness spending program.

### **Application Procedure**

To be considered for this opportunity, please send your CV and a letter of intent outlining your fit with the requirements and your proposed fit with the GWF programme and the GIWS



community. Please also submit the names of three referees and a 3-5 page statement detailing teaching and research interests, vision, objectives and accomplishments, in confidence, to:

❖ **Phani Adapa, Ph.D., P.Eng.**

**Assistant Director**

Global Institute for Water Security

University of Saskatchewan

National Hydrology Research Centre

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Tel: (306)966-2271 Fax: (306) 966-1193; Email: [phani.adapa@usask.ca](mailto:phani.adapa@usask.ca)

***Applications are currently open and will be reviewed beginning June 21, 2017***

*The University of Saskatchewan is strongly committed to a diverse and inclusive workplace that empowers all employees to reach their full potential. All members of the university community share a responsibility for developing and maintaining an environment in which differences are valued and inclusiveness is practiced. The university welcomes applications from those who will contribute to the diversity of our community. All qualified candidates are encouraged to apply; however, Canadian citizens and permanent residents will be given priority*