



UNIVERSITY OF SASKATCHEWAN

Global Water Futures

GWF.USASK.CA

Postdoc (PDF) Opportunities: Weather and Climate Extremes

to look at how the changes in the extreme events, the frequency and severity of droughts and floods, hail, freezing rain, sub-daily precipitation are going to change under future climate condition, actively interact and collaborate with the end users, translate the extreme analysis results to the data products that fit user needs.

Eligibility:

The required academic background of the student: major in Atmospheric Science, Environmental Science or Mechanical, Civil, or Environmental Engineering, or equivalent; a strong background in meteorology, climatology, and/or physics. Experience with numerical modeling of atmospheric processes is a plus.

The required skills include: 1) Ability to gather, understand, and critically analyze data from all relevant sources. 2) Programming skills, such as Fortran, Matlab, R, Python, Perl, and Shell script, etc. 3) Experience with large spatial datasets (preferably using GrADS) on multiple computer platforms (Unix/Linux, Windows). 4) Highly motivated and self-directed in advancing complex projects.

How to Apply:

Interested applicants should contact Dr. Yanping Li (yanping.li@usasaks.ca) with a cover letter explaining their motivation, complete CV, and contact details for three academic references. Informal inquiries are welcome.