



**DEPARTMENT OF BIOLOGICAL AND AGRICULTURAL ENGINEERING
KANSAS STATE UNIVERSITY**

PhD/MS Assistantship Opportunity

Description: The Department of Biological and Agricultural Engineering, Kansas State University, invites applications for a Graduate Research Assistantship (PhD or MS) in Environmental Engineering. Graduate funding is available through the multi-year collaborative grant from the National Science Foundation (NSF). A graduate student will conduct research in developing mechanistic and quantitative models to understand the implications of accelerated vegetative changes and tree expansion on hydrologic cycle and energy balance for the understudied regions of the Arctic. A student will work closely with collaborators from the University of Michigan, Georgia Institute of Technology, and the Ohio State University. Funding is available for two years with an additional year depending on academic performance. The position is available beginning January 2018.

Qualifications: Qualified candidates should have a BS/MS degree in Biological and Agricultural Engineering, Civil Engineering, Environmental Engineering, Natural Resources and Environmental Sciences or related disciplines. Preference will be given to applicants with skills and interest in hydrologic and heat/mass transfer modeling and monitoring, and geographic information systems. Strong computer programming skills and knowledge of Matlab, C++, C#, or Python are required.

Application: Interested candidates should complete the application process at <http://www.bae.ksu.edu/graduate/application/> and upload the following documents:

- 1) Application letter
- 2) Statement of interests
- 3) Copies of transcripts
- 4) CV with GPA, GRE scores
- 5) TOEFL scores (for international candidates only)
- 6) Letters of recommendation from three references

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