PhD Fellowship in Agricultural Subsurface Drainage Modeling

Description
The Department of Agricultural and Biosystems Engineering at South Dakota State University has an opening for a Graduate Fellowship to pursue a Doctor of Philosophy in Biological Sciences with a specialization in Agricultural and Biosystems Engineering. The graduate fellow will conduct a research project to evaluate the impacts of agricultural subsurface drainage on field-scale hydrology in a transitional climate. The research will include hydrologic modeling of subsurface drainage systems and the collection of field data for parameterizing and calibrating the models.

Qualifications
Applicants must have BS and MS degrees in agricultural and biosystems engineering or closely related fields. Applicants should have a background and coursework in agricultural drainage, hydrology, and soil physics. Applicants should possess good communication and teamwork skills and be willing and able to interact with cooperating producers and landowners. Previous experience in hydrologic modeling is highly desired.

Benefits
Remuneration is provided along with the required benefits as defined by University regulations. This position is a Research Fellowship appointment with paid stipend and tuition remission.

Application
Applications will be accepted beginning immediately and until a suitable candidate is found. For information on applying to the Graduate School, please refer to: http://www.sdstate.edu/admissions/graduate/index.cfm. Inquiries and applications for the graduate research assistantship should be directed to Dr. Chris Hay at christopher.hay@sdstate.edu. A cover letter, CV, transcripts, and list of three references are required.

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