

University of Florida – 2 Post-Doc Positions

From: Haman, Dorota Zofia [<mailto:dhaman@ufl.edu>]

Sent: Friday, January 11, 2013 10:19 AM

To: ED-210 Academic Program Administrators

Subject: [ed-210] FW: Two Post-doc Positions in Hydrology and Water Quality at University of Florida - Available Immediately

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Please forward to anyone who may be interested. Thanks.

Dorota

Dr. Dorota Z. Haman
Professor and Chair
Agricultural and Biological Engineering
120 Rogers Hall
PO Box 110570
University of Florida
Gainesville FL 32611-0570
Tel: (352) 392-1864 ext 120
Fax: (352) 392-4092
email: dhaman@ufl.edu
<http://abe.ufl.edu/>



Two Post-doctoral Research Associate Positions– Eddy Flux and Wetland Hydrology and Water Quality

The Water Resources program of the Agricultural and Biological Engineering (ABE) Department, University of Florida (UF), seeks two post-doctoral associates, one on ET quantification and the other on wetland hydrology and water quality. The ET position is for a project on measurement and modeling of ET in Florida's Everglades region. Responsibilities will include analysis of multiple years of existing micrometeorological data from eddy flux towers to quantify ET and evaluation of eddy-covariance system accuracy using a unique existing dataset from a UF research site composed of lysimeters and an adjacent eddy flux tower that were both used to estimate ET. The post-doc will take the lead in publication of results of the ET analyses and participate in ongoing modeling efforts to evaluate ET related uncertainty in watershed-scale hydrologic models.

The wetland post-doc position is on a multi-disciplinary project in Florida's Everglades and Lake Okeechobee region for quantifying the effects of environmental services of wetland rehydration on watershed-scale water

storage and nutrient load reductions. The post-doc will use long-term hydrologic and water quality (N and P) data for multiple wetlands to quantify the effects of wetland rehydration. The post-doc will work with the project team to contribute to hydrologic modeling for simulating the watershed-scale effects of distributed water storage and land use change on surface flows. Applicants are expected to have strong background in hydrology (preferably wetland hydrology), phosphorous dynamics, and hydrologic modeling.

For both positions, applicants must have Ph.D. in physical sciences or engineering. Both positions are available for one year and may be extended. Send a CV and the names of three references to Dr Sanjay Shukla (sshukla@ufl.edu or ABE, SWFREC, 2685 SR 29 N, Immokalee, FL 34142; phone 239-658-3400). Review of applications will begin immediately, but applications will be accepted until the position is filled.

Sanjay Shukla
Associate Professor, Water Resources
Agricultural and Biological Engineering
SW Florida Research and Education Center
University of Florida, 2685 SR 29 N Immokalee
tel: 239-658-3425; fax: 239-658-3469
