Postdoctoral Researcher: Ecohydrology of Managed Tropical Systems using Eddy Covariance

The University of British Columbia in collaboration with FuturAgua project partners seeks applications for a postdoctoral research associate to investigate the ecohydrology of irrigated agricultural systems in the Nicoya peninsula, a seasonally dry and drought-prone region of Costa Rica. The research activities include a detailed characterization of H$_2$O and CO$_2$ fluxes and the surface energy balance using eddy covariance systems, as well as collaborating with other project activities and project management.

Responsibilities include:
- Using eddy covariance to investigate ecohydrological controls of carbon and water fluxes, including calibration and maintenance of EC systems;
- Collaboration on related hydrological investigations in the study region;
- Project support related to team member activities and reporting requirements;
- Preparation of scientific manuscripts for publication in the peer-reviewed literature related to the postdoctoral research activities

Desired qualifications:
- PhD in hydrology, micrometeorology or related field in the environmental earth sciences;
- Experience with eddy covariance systems, data loggers and data management;
- Excellent communication skills in Spanish and English;
- Ability to collaborate with broadly interdisciplinary team of researchers and stakeholders;
- Availability to be based in Costa Rica for extended periods of time;

The position will be undertaken within the FuturAgua project, which is comprised of a team of physical and social scientists and graduate students from the University of British Columbia, Carnegie Melon University, the French Agricultural Research Centre for International Development (CIRAD), the Tropical Agricultural Research and Higher Education Center (CATIE), as well as local stakeholders and community groups. More details on FuturAgua are available at [http://futuragua.ca/](http://futuragua.ca/)

The initial appointment is for one year, although the position is planned to continue through 01 Sept 2016. Review of applications begins 15 September 2014.

Please send (i) a letter of application including relevant experience, language skills, and future goals, (ii) a current CV, and (iii) names and contact information for 3 references to mark.johnson@ubc.ca.

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