

## **Postdoctoral Position in Soil Moisture Remote Sensing, Columbia University**

The Columbia Water Center and Department of Earth and Environmental Engineering at Columbia University are seeking a post-doctoral researcher in soil moisture remote sensing.

Active and passive microwave sensors will be used in conjunction with statistical retrieval of soil moisture (neural network) in preparation for the upcoming Soil Moisture Active Passive mission.

The project will be co-advised by PIs Pierre Gentine (Columbia), Catherine Prigent (Columbia/CNRS), Filipe Aires (Columbia/Estellus) and Rolf Reichle (NASA-GSFC).

The position is available immediately. Terms of appointment are for one (1) year, renewable for up to three years, subject to approval.

Search will remain open for at least 30 days after the ad appears and will continue until the positions are filled.

Columbia University benefits afforded with this Officer of Research position. Columbia University is an Equal Opportunity/Affirmative Action employer.

Candidates must have a Ph.D. in hydrology, atmospheric sciences or in a related field and an interest in working with observational data. Prior experience with remote sensing and statistical tools (neural network, bayesian techniques...) is a plus. Candidates should have good oral and written communication skills. A track record in publishing journal papers and conference presentations is preferred.

Please send a CV and publication record along with a short research statement to Pierre Gentine [pg2328@columbia.edu](mailto:pg2328@columbia.edu)