



remote sensing

Dear Colleagues,

On behalf of the journal *Remote Sensing*, we would like to congratulate **Dr. Jian Peng** as the winner of the 2019 *Remote Sensing* Young Investigator Award. The Award will consist of 2000 Swiss Francs.

Dr. Jian Peng works in the School of Geography and the Environment, University of Oxford. He gained a Ph.D. in Earth Science from the Max Planck Institute for Meteorology (MPI-M). Before joining the University of Oxford, he was a research scientist at the University of Munich (LMU) and a post-doc researcher at MPI-M.

2019 YOUNG INVESTIGATOR AWARD

WINNER

In his research, he aims to use satellite remote sensing (optical/thermal/microwave) to monitor the Earth's water cycle and to understand the variability of hydrological processes across multiple space and time scales. He has developed novel approaches to quantifying the water cycle's components, such as soil moisture, evaporation, and precipitation from satellite observations. In particular, he has combined multiple data sources together to improve the spatial resolution of satellite-based soil moisture and developed a novel framework for the generation of high-resolution land surface water and energy fluxes from state-of-the-art satellite data.

His current research focuses on exploring the teleconnection between hydrological variability and climate oscillations based on satellite observations. He is also working towards using satellite data to quantify the spatial-temporal patterns of hydroclimatic extremes, and to assess their impacts on agriculture, environment, and society.

Dr. Jian Peng will receive 2000 Swiss Francs for his groundbreaking contributions to hydrology research.

Prof. Dr. Jose Moreno
Associate Editor of *Remote Sensing*



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