

Mohanty named Distinguished Professor

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SSSA/ASA member Binayak Mohanty, Ph.D., with the Texas A&M University [Department of Biological and Agricultural Engineering](#), was recently named a Distinguished Professor at Texas A&M University.

A global authority on soil moisture and hydrologic processes, Mohanty is a Regents Professor in the Department of Biological and Agricultural Engineering. For more than three decades, he has led research on how water moves in soil over time—at scales ranging from single fields to entire regions across the globe—using ground-based measurements, field experiments, and satellite data. His research helps answer practical questions tied to agriculture, drought, flooding, groundwater recharge, ecosystem resilience, and environmental pollution. The work also aids forecasting by improving how soil moisture and hydrologic processes are measured and modeled across different landscapes.

Mohanty's methods have informed work by federal science agencies such as NASA and NOAA. Among many recognitions of his scientific impact, Mohanty is a Fellow of ASA, SSSA, AGU, and AAAS.

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