



## Indrajeet Chaubey

**Indrajeet Chaubey, ASABE Fellow,** is the recipient of the 2021 John Deere Gold Medal for outstanding achievements in watershed management and modeling that have enabled science-based management decisions by scientific, regulatory, and stakeholder communities

Chaubey is the Dean of the College of Agriculture, Health, and Natural Resources at the University of Connecticut in Storrs. He is responsible for providing overall administration over nine academic departments and twelve interdisciplinary centers and institutes. In addition to his career in academic administration, Chaubey has made substantial contributions to improving water quality and watershed management by integrating research, teaching and public service, and developing simulation models and tools that guide decision makers. Chaubey's integration of simulation modeling and innovative field research improves understanding of various rainfall runoff and pollutant transport processes at field, stream reach, and watershed scales. He has led efforts nationally and internationally to quantify land use changes due to demand for biofuel production, agricultural intensification, and urbanization, all of which drastically impacts water availability, water quality, and ecosystem health. His research has led to improved watershed management decisions including optimization of resource allocations and resulting water quality improvements and improvements to the fields of runoff, sediment, and nutrient transport processes at spatial scales ranging from small plots, to field scale, stream reach, and watershed scales.

In his research, Chaubey has developed an innovative systems approach where upland and aquatic ecosystem processes are considered in concert to develop holistic watershed management strategies.

A 26-year member of ASABE, Chaubey is leader within ASABE committees. Chaubey is also a member on the executive global engagement committee and several Natural Resources and Environmental Systems committees.

Chaubey has authored or coauthored nearly 500 peer-reviewed journals, book chapters, or technical papers. Chaubey has received many awards including the ASABE ADS/Hancor Soil and Water Engineering award, the ASABE New Holland Young Researcher award, and several ASABE paper awards. He was chosen for the Agricultural Research award in 2012, the Seed for Success award, and was named a University Faculty Scholar, all from Purdue University. Chaubey was inducted as an ASABE Fellow in 2017 and as a Fellow of the National Academy of Agricultural Sciences in India in 2021.