INDRAJEET CHAUBEY, professor and head, Department of Earth, Atmospheric, and Planetary Sciences, and the Department of Agricultural and Biological Engineering, Purdue University, West Lafayette, Indiana, is being honored for outstanding achievements in eco-hydrology, nonpoint source pollution modeling, and watershed management.

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 our 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. His research has contributed to significant knowledge about runoff, sediment, and nutrient transport processes at spatial scales ranging from small plots, to field scale, stream reach, and watershed scales. Innovations in his research include a systems approach where upland and aquatic ecosystem processes are considered in concert to develop holistic watershed management strategies. Chaubey's research has benefited the modeling community by developing improved methods for model calibration and uncertainty analysis. He has developed new methodologies to optimize land use and best management practices for improving agricultural water quality.

A 22 year member of ASABE, Chaubey is an associate editor in the publications review committee within Natural Resources and Environmental Systems technical community. Chaubey is also a member on the executive global engagement committee and several Natural Resources and Environmental Systems committees.

Chaubey has authored or coauthored more than 380 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 also has received several awards for teaching as a graduate teaching assistant and later as a faculty member at Purdue. Chaubey is a member of the Arkansas Academy of Biological and Agricultural Engineering and a Fellow of the Indian Society of Agricultural Engineering.