Branford Price Millar Award

Hamid Moradkhani, Ph.D.

Professor Hamid Moradkhani, director of Remote Sensing and Water Resources Lab is a professor of civil and environmental engineering and fellow of the Institute for Sustainable Solutions. He is a world-class expert with over 25 years of experience. He has made significant contributions on tackling the grand challenges faced by water resources planners, stakeholders and emergency managers here and around the world: how to be sure there is enough water to meet demands and protect livelihoods and properties against extreme events as populations swell and weather patterns shift due to climate variability and change. Since joining PSU, he has developed and expanded a research program that is regionally, nationally and internationally significant and advances the mission of Portland State.

Professor Moradkhani is a highly cited author of over 130 publications, and a pioneer in stochastic modeling, data assimilation, cyber innovation and uncertainty quantification methods used extensively in engineering, earth science and many other disciplines worldwide.

In recognition of his outstanding works and significant contributions, he was elected to the Hall of Fame of Samueli College of Engineering at the University of California, Irvine, and in 2015 he was awarded a fellow of Environmental and Water Resources Institute, recognized and designated by the American Academy of Water Resources Engineers. He is a fellow of the American Society of Civil Engineers (2014), and diplomate of Water Resources Engineering (2011).

He has chaired numerous technical committees, panels, conferences and workshops, and served on several advisory panels related to drought, flood, climate change and water policy issues. Professor Moradkhani has been on the editorial boards of journals, including AGU Water Resources Research, Elsevier Journal of Hydrology and ASCE Journal of Hydrologic Engineering among others.

The Millar Award is given annually to a faculty member in a tenure-track or tenured appointment who has demonstrated excellence in the areas of scholarship, instruction, university service, and public service, and whose performance in the area of scholarship and research is judged to be exceptional.