

2018 ASABE Fellow



Rabi H. Mohtar, dean, agricultural and food sciences, American University of Beirut, Texas A&M University, College Station, Texas, is being honored for his global impact through engaging local and international communities in discovery and education for understanding sustainable management of water, energy, and food resources and by working with the public and private sectors in science-based,

informed dialogue.

Mohtar has made key career contributions in modeling water and land use systems and has developed a global perspective on the challenges of the water/food relationship. At Texas A&M University, Mohtar leads a Water-Energy-Food Nexus research group focused on greenwater accounting and modeling, soil hydraulic functioning and long term changes as impacted by water and land management, Water-Energy-Food Nexus interlinkages, modeling and tradeoffs. Mohtar's internationally recognized research program has advanced understanding of sustainable use of natural resources across a wide range of engineering applications. He has focused efforts on multi-scale characterization of water-soil medium, sustainable water management, environmental impacts of land use/water management, and remediation technologies. Mohtar founded the Texas A&M Water-Energy-Food Nexus Initiative, was founding director, Qatar Environment and Energy Research Institute, and inaugural director of Purdue's Global Engineering Program. Mohtar is a governor of the World Water Council, and a Senior Non-resident Fellow at OCP Policy Center, Morocco.

A 25 year member of ASABE, Mohtar has been a frequent participant in many ASABE Technical Community committees. He has served as a member of several ASABE award committees. Mohtar has also served as a member of the Natural Resources and Environmental Systems Hydrology Group. He is a long-term volunteer in the Applied Science and Engineering publications committee. Mohtar has been a leader in the past Information and Electronic Technologies division Steering, Programs, and Executive committees. Mohtar is also a member of the American Lebanese Engineering Society, the American Society of Engineering Education, among others. He currently serves as a member of the RENEWW Zones Urban Prosperity Prize team.

Mohtar has authored or coauthored more than 180 articles or book chapters and has presented at more than 300 invited sessions. Throughout his career, Mohtar has received numerous awards including a Distinguished Alumnus award from the American University of Beirut Faculty of Agricultural and Food Sciences. He has also received a teaching award from the Texas A&M Agricultural and Biological Engineering Department. Mohtar has received several ASABE paper awards and in 2010, he was selected for the ASABE Kishida International award.