

**Bassel Daher, Ph.D.** is a Research Scientist at the Texas A&M Energy Institute, Adjunct Assistant Professor at the Department of Biological & Agricultural Engineering and Research Fellow at the Institute for Science, Technology, and Public Policy at Texas A&M University.



Daher is dedicated to building bridges between research disciplines and cross-sectoral stakeholders with the goal of arriving at a future that is more sustainable, equitable, and resource secure for all. He is particularly passionate about using a systems approach to develop analytics that catalyze an evidence-based, multi-stakeholder dialogue around trade-offs associated with technical, policy, and social interventions to address the interconnected water, energy, and food security challenges. He is also interested in adopting participatory approaches to improve cross-sectoral policy coherence and facilitate the implementation of the Sustainable Development Goals (SDGs).

Daher has 12 years of experience developing quantitative scenario analysis tools for supporting evidenced-based water-energy-food system transformation, as evidenced by 55+ highly cited publications (1800+) on case studies based in the United States, Lebanon, Qatar, Turkey, Jordan, Morocco, and Bangladesh, among others. This research is published as peer-review journals articles, book chapters, policy briefs and United Nations Reports, including with Chatham House, Frontiers in Sustainable Food Systems, Water International, Science of the Total Environment, Environmental Science and Policy, among others.

Over the past decade, he has held various research positions at Texas A&M University, Purdue University, and Qatar Foundation. He has also consulted for organizations, including United Nations Food and Agriculture Organization (UN FAO), United Nations Department for Disaster Risk Reduction (UN DRR), International Water Management Institute (IWMI), German Development Agency (GIZ), Oliver Wyman, Penn State University, International Renewable Energy Agency (IRENA), International Water Resources Association (IWRA), Union for the Mediterranean (UfM), and Waterlution, on topics related to sustainable resource management, improved resource resilience, and stakeholder and youth engagement.

Daher is a frequent speaker and moderator at academic and non-academic events; he has presented his research work at 60+ technical and non-technical events in 15+ countries, including a TEDx Talk. Daher is an experienced facilitator of online and in-person multi-stakeholder engagement workshops and consultation processes geared toward catalyzing collective action and coordinated cross-sectoral decision making, with experience in managing and building partnerships across government, civil society, private sector, and academia, demonstrated in Texas, Qatar, and Jordan.

Daher's achievements include being recognized with the Biological & Agricultural Engineering Departmental Excellence Award for Outstanding Research in 2019 and receiving the 50th Anniversary Special Award from the International Water Resources Association in 2022. Daher serves on the Executive Board of the International Water Resources Association (IWRA) since 2022 and has served as co-chair of the Zero Hunger Pathways Project of the Sustainable Development Solutions Network (SDSN) from 2020-2023.

Daher has a PhD in Water Management and Hydrological Sciences (Texas A&M University), Master of Science in Agricultural and Biological Engineering (Purdue University), and Bachelor of Civil Engineering (American University of Beirut).

