

# iFAST: The International Forum on Advanced Environmental Sciences and Technology

*A series of distinguished seminars by eminent scientists*

8 a.m. CDT; 9 a.m. EDT; 1 p.m. GMT; 9 p.m. Beijing

**Wednesday, June 2, 2021**



**Glen Daigger**

University of Michigan

<https://envbiotech.engin.umich.edu/profile/daigger/>

Glen Daigger is a professor of engineering practice at the University of Michigan and president and founder of One Water Solutions, LLC, a water engineering and innovation firm. He previously served as senior vice president and chief technology officer for CH2M HILL (now Jacobs), where he was employed for 35 years, as well as professor and chair of environmental systems engineering at Clemson University. Actively engaged in the water profession through major projects, and as author or co-author of more than 200 technical papers, five books and several technical manuals, he contributes to significantly advance practice within the water profession. He has advised many of the major cities of the world, including New York, Singapore, Istanbul and Beijing. He is a past president of the International Water Association and the recipient of numerous awards, including the Kappe Lecture from the American Academy of Environmental Engineers, the Simon W. Freese Award and Lecture from the American Society of Civil Engineers, the Tsuan Hua Feng Distinguished Lecture at the University of Massachusetts, the Harrison Prescott Eddy and the Phillip F. Morgan Awards from the Water Environment Federation, the Gascoigne Award from the Water Pollution Control Federation and the Frederick George Pohland Medal from the Association of Environmental Engineering and Science Professors. He is a distinguished member of the American Society of Civil Engineers, a distinguished fellow of the International Water Association, and a fellow of the Water Environment Federation. Daigger is also a member of the U.S. National Academy of Engineers and the Chinese Academy of Engineering.

## Travels Through the World of Water

I have spent a bit more than 40 years engaged in the water profession as a researcher, practitioner and “influencer” and find that many misunderstand the breadth and dimensions of how water affects individuals and society. These fundamental misunderstandings lead to varied responses to protection of the aquatic environment and providing water service to humankind. In this presentation I will provide a “guided tour” of my journey through the world of water, sharing observations and insights and suggesting possible futures. The sustainable development goals, coupled with the expressed human right to water and sanitation, suggest that humanity is committed to achieve an enriching and verdant water environment while meeting the water service needs of humanity. I submit that this can be achieved, but will it? And, if it can, what steps are needed? I certainly do not have the answers to these questions, but I hope to generate some new discussion on the steps to move in this direction. I am not looking forward so much to sharing my thoughts as generating useful discussions that can lead to more focused and productive actions.



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