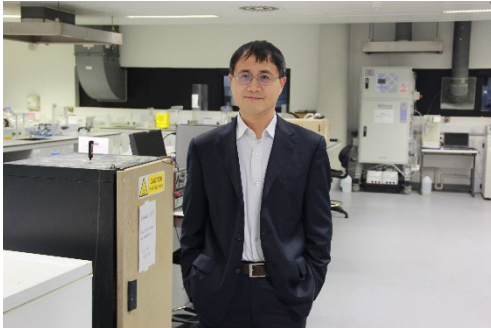


SPECIAL LECTURE

by **Dr. Xinmin ZHAN**



**Professor & Department Head, Civil Engineering,
University of Galway, Ireland**

Date: Saturday, January 28th, 2023

Time: 14:00 ~ 16:00

**Place: F207/208 in F-building /
the meeting room of River Basin
Research Center, Gifu University**

Online joining via Zoom:

[https://us02web.zoom.us/joining/register/tZ0qce2urDwuHNXNhfybDZRYv](https://us02web.zoom.us/joining/register/tZ0qce2urDwuHNXNhfybDZRYvXyl5IeJkdZ)

[Xyl5IeJkdZ](https://us02web.zoom.us/joining/register/tZ0qce2urDwuHNXNhfybDZRYvXyl5IeJkdZ) **Pre-registration required**



Farm-scale anaerobic digestion for producing biogas from agricultural wastes: economic and environmental considerations

Abstract In this presentation, Professor Zhan will introduce the importance of anaerobic digestion of agriculture by-products and wastes in reducing greenhouse gas emissions in the agricultural sector, the economic feasibility of farm-scale anaerobic digesters in the context of Ireland, and issues associated with the management of digestate.

About the lecturer Dr. Xinmin ZHAN is professor and head of discipline in Civil Engineering at the University of Galway. He holds a B.E. (Environmental Engineering), B. Com. (Economics) and Ph.D. (Environmental Engineering) from Tsinghua University, China. His research interests are (i) development of cost-effective and efficient wastewater treatment technologies; and (ii) recovery of organic wastes and biomass for use as a sustainable and clean energy source and for building a green agriculture industry. He has published over 160 peer-reviewed journal papers, and a monograph Greenhouse Gas Emission and Mitigation in Municipal Wastewater Treatment Plants by International Water Association Publishing. Dr. Zhan is an editor of Frontiers of Environmental Science & Engineering, and International Biodeterioration and Biodegradation, and has edited four special issues on livestock waste management as a guest editor. He was awarded the President's Award for Research Excellence in 2022 and In Recognition of Excellence in Lecturing by the Undergraduate Awards in 2012. He is a member of the Engineering and Computer Sciences multidisciplinary committee of the Royal Irish Academy.

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