

#EU  
GREEN  
WEEK

# Advanced methodologies to develop sustainable, resilient, and efficient food-energy-water systems.

> Classroom 2 - viale Fanin 44, 40127 Bologna, Department of Agricultural and Food Sciences <  
> June, 23<sup>rd</sup>, 2025



## PROF. WEI LIAO SEMINAR

09:00 – 13:00

**ADVANCED METHODOLOGIES TO DEVELOP SUSTAINABLE, RESILIENT, AND EFFICIENT FOOD-ENERGY-WATER SYSTEMS.**

This seminar, led by Prof. Wei Liao from Michigan State University (MSU), delves into advanced methodologies that drive sustainability in Food-Energy-Water (FEW) systems. Climate change, resource scarcity, and growing food demands require innovative approaches to optimize resource use and enhance resilience in FEW networks. This event is part of the Strengthening Partnerships with North American Universities.

### Visiting Professor and Partnership Organisers

**Prof. Wei Liao** Visiting Professor from Michigan State University (MSU) U.S., Department of Biosystems and Agricultural Engineering (BAE); Director of Anaerobic Digestion Research and Education Center (ADREC)

UNIBO GROUP AND COORDINATOR

- **Francesca Valenti** (Coordinator), **Mirko Maraldi**, **Leonardo Nanni Costa**, **Attilio Toscano**, **Martina Zappaterra** from the Department of Agricultural and Food Sciences (DISTAL);
- **Gonzalo Agustin Martinez** from the Department of Civil, Chemical, Environmental, and Materials Engineering (DICAM);
- **Eleonora Nannoni** from the Department of Veterinary Medical Sciences (DIMEVET).



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DI SCIENZE E TECNOLOGIE  
AGRO-ALIMENTARI



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E DEI MATERIALI



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