

Sustainable Wastewater Treatment for Carbon Neutrality: Advances in Anammox and Nitrogen Removal Technology

Date: Tuesday, Sep. 08, 2026, 10:00 ~ 12:00

Venue: Engineering Building Room 364, Korea University

Program

Time	Program
10:00 ~ 10:30	Welcoming & speaker introduction
10:30 ~ 11:30	Invited lecture by Prof. Pongsak Lek Noophan <i>Recovery of Anaerobic Ammonium Oxidation (Anammox) Cultures after Extended Starvation Conditions</i>
11:30 ~ 11:50	Q & A
11:50 ~ 12:00	Closing remarks

Invited Speakers



Pongsak (Lek) Noophan

Associate Professor, Ph.D.

Department of Environmental Engineering, Kasetsart University

Ph.D. in Environmental Science and Engineering, Colorado School of Mines, USA

Visiting Researcher, Naresuan University, Thailand

National Research Award Recipient, Fiscal Year 2021, Royal Thai Government



Over a 20-year academic career, Dr. Pongsak (Lek) Noophan has made significant contributions to the fields of water and wastewater treatment, biological nitrogen removal, and sustainable environmental engineering. His research covers anammox processes, applied microbiology and biotechnology, water reclamation and reuse, and electrochemical nutrient recovery. He has published more than 50 peer-reviewed articles in leading international journals, accumulated over 815 citations with an h-index of 17, and supervised numerous graduate students. He is a recipient of Thailand's National Research Award (2021) and is widely recognized for advancing eco-friendly, biologically based water treatment technologies through extensive international collaborations across Asia and the United States.

Contact: GrEEN Carbon Administration Office (New Engineering Building #104B, Korea University), 02-3290-4270

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GrEEN Carbon Graduate school of **Energy and Environment**
for the **Neutralization of Carbon**