

**Keynote Lecture 2**

**Title:**

*“Emerging Water Environment Issues in Vietnam: Multidimensional Challenges for Sustainable Development”*

**Name:**

Tran Thi Viet Nga

**Position:**

Associate Professor  
Dean of Faculty of Environmental Engineering

**Organization:**

National University of Civil Engineering



**Professional Experience:**

- 07/1996 - 12/1997** Assistant Lecturer, Department of Environmental Engineering, Hanoi University of Civil Engineering, Vietnam
- 10/2002 - 04/2003** Project Researcher, Environmental Engineering Program, Department of Urban Engineering, University of Tokyo, Japan
- 1/2004 - 12/2005** JSPS-UNU Postdoctoral Researcher Fellow, Environment and Sustainable Development, United Nations University, Tokyo, Japan
- 12/2007 - 12/2008** Researcher Fellow, IR3S, the University of Tokyo, Japan
- 1/2009 - 3/2015** Lecturer (Course: Water and wastewater Engineering; Water Chemistry and Microbiology; Integrated Water Resources Management), Division of Water Supply and Sanitation. Faculty of Environmental Engineering
- 3/2015 - present** Dean of Faculty of Environmental Engineering, National University of Civil Engineering, Vietnam. Associate Professor, Senior Lecturer Faculty of Environmental Engineering

**Main Research Field:**

Advanced technologies for nutrients recovery, biogas generation, wastewater reuse and sludge minimization in wastewater treatment, appropriate water and wastewater technologies for developing countries, water quality monitoring and pollution control, health risk assessment related to water environment quality

**Brief Description of the Keynote Lecture:**

There are severe evidences of pollution of Viet Nam's surface waters both inland lake/river and coastal waters due to rapid urbanization and industrialization. The lecture will talk upon some recent cases and challenges for managing the country's water resources in a sustainable way.