



GCOE/International Research
Centre for River Basin Environment
(ICRE), University of Yamanashi



Center of Environmental Monitoring,
Ministry of Natural Resources and Environment



Institute for Environmental
Science and Engineering,
National University of Civil
Engineering



Institute of Chemistry,
Vietnam Academy of
Science and Technology



Toyo University

A workshop on

CHALLENGES FOR EFFECTIVE CONTROL OF NUTRIENT CYCLE AND POLLUTION IN WATER ENVIRONMENT

Venue: Room F2F, Vietnam Development Information Center of World Bank,
63 Ly Thai To Street, Hoan Kiem District, Hanoi

Time: December 22nd - 24th, 2012

Contact: *Workshop Secretariat*

1. Do Thu Nga, University of Yamanashi, Japan: dothu_nga2005@yahoo.com
2. Pham Ngoc Bao, Toyo University, Japan: baodhxd@yahoo.com

University of Yamanashi, Japan is opening the workshop titled “Challenges for effective control of nutrient cycle and pollution in water environment” in cooperation with Center of Environmental Monitoring in Ministry of Natural, Resources and Environment, National University of Civil Engineering, Institute of Chemistry in Vietnam Academy of Science and Technology and Toyo University, Japan. The workshop is financed by Global COE, MEXT, Japan. The objective of the workshop is to exchange knowledge on nutrient cycle and pollution status, its major sources as well as the current management and technical approaches for the control. Research collaboration, academic exchanges and capacity building then encourage researchers, managers and students to transfer technologies and expertise through the joint activities.

We would like to introduce our research activities of both Vietnamese and Japanese experts, and get a vision for water environments in Vietnam from our first challenge.

Assoc. Prof. Nishida Kei
ICRE, University of Yamanashi, Japan

DAY 1, December 22nd, 2012 (Saturday) – Field visit 1 (Cau River basin)

Pick up 1st group: Ocean Hotel (48 Tran Nhan Tong) at 7:30

Pick up 2nd group: National University of Civil Engineering (at gate in Tran Dai Nghia) at 8:00

...will be back Hanoi at 15:00

Key person	Content
Pham Tuan Hung Nguyen Huu Thang	<ol style="list-style-type: none"> 1. Craft village: Dai Lam village (alcohol production) 2. Agricultural farm 3. Wastewater treatment plant in Bac Ninh province

DAY 2, December 23rd, 2012 (Sunday) – Field visit 2 (Day-Nhue River basin)

Pick up 1st group: Ocean Hotel (48 Tran Nhan Tong) at 7:30

Pick up 2nd group: National University of Civil Engineering (at gate in Tran Dai Nghia) at 8:00

...will be back Hanoi at 15:00

Key person	Content
Pham Tuan Hung Nguyen Huu Thang	<ol style="list-style-type: none"> 1. Craft village: Duong Lieu village (food processing) 2. Agricultural farm 3. Monitoring station and automatic water sampling system: Do Xa station 4. Water regime and controlling system: Thanh Liet gate

DAY 3, December 24th, 2012 (Monday) – Presentations and discussions (VDIC of World Bank)

Registration [7.45-8.00]

Opening Ceremony [8.00-8.30]

Opening remark	Nishida Kei – International Research Centre for River basin Environment, University of Yamanashi, Japan
Welcome note	Hoang Duong Tung – Vice-Director General of Vietnam Environmental Administration
Welcome note	Tran Duc Ha – National University of Civil Engineering, Vietnam
An introduction of organizer	Nishida Kei – International Research Centre for River basin Environment, University of Yamanashi, Japan

Tea break [8.30-8.40]

Session 1: Overview, Driving factors and Sources [8.45-10.45]

Moderator: Nguyen Viet Anh

<i>Presenter</i>	<i>Temporary title</i>
Luu Thi Nguyet Minh	Overview of nutrient status in Vietnam: Causes, benefit and pollution status
Tran Duc Ha	Domestic wastes, sewerage and environmental sanitation in Vietnam: Pollution status and treatment
Dang Kim Chi	Industrial and craft village wastes: Pollution status and treatment
Nguyen Thanh Lam	Agricultural wastes and its reuse for fertilizing paddy

Tea break [10.45-10.55]

Session 2: Management and Technical approaches [11:00-12.30]

Moderator: Luu Thi Nguyet Minh

<i>Presenter</i>	<i>Temporary title</i>
Nguyen Van Thuy	Regulatory framework and monitoring for nutrient pollution control in Vietnam
Shindo Junko	Application of regional scale modelling for nutrients in Eastern Asia
Do Thu Nga	Nitrogen flow models in northern Vietnam

Lunch time [12.30-13.30]

Session 3: Open discussion [14:00-15:00]

Moderator: Nishida Kei and Nguyen Van Thuy

Prospective questions are:

1. How can we control nutrients more effectively in regulatory/technical manners?
2. Which methodologies should be introduced at local, national and regional scale?
3. How critical is limitation of the data for further assessment? (digital map, land use, statistics and monitoring data)
4. What collaboration is needed and how? (from viewpoints of researchers, localities and the government)

Parking place of workshop in 25 Ton Dan street, Hoan Kiem, Hanoi

(Vien Bao tang Cach mang Viet Nam)

