



GCOE SEMINAR ON OCCURRENCE AND MANAGEMENT OF EMERGING CONTAMINANTS IN JAPAN AND UK

Global Center for Education and Research
on Human Security Engineering for Asian Megacities
Research Center for Environmental Quality Management

Time :2011/12/03 (Saturday)

9:30 AM~01:00 PM

Venue :RCEQM Seminar Room

1-2 Yumihama, Otsu, Shiga*

The Emerging contaminants (ECs) are of concern globally for persistence, occurrence and have ability to transport through various pathways within the environment. Both, Japan and UK have witnessed the proliferating environmental problems related with these ECs. It is therefore very important to hear more about the current situation in Japan and UK.

Program (Invited Guest)

1:Dr. Andrew C. Johnson

Centre for Ecology & Hydrology,
Crowmarsh Gifford, Wallingford, UK

Topic: Research at CEH on international exposures to chemicals, nanosilver and a new endocrine disruption story

2:Dr. Hiromoto Koshikawa

Dpt. Environmental Solution Technology
Ryukoku University

Topic: Multidrug Resistant Bacteria in a River and a Lake in Michigan, U.S.

* See the access map on last page

Contact:

VIMAL KUMAR, Tel. 077-527-6329 Fax. 077-524-9869 E-mail: vimalk.hatwal@gmail.com

Research Center for Environmental Quality Management (RCEQM), 1-2 Yumihama, Otsu,
Shiga

PROGRAM

1st Session (9:30 – 11:15)

- 09:30 – 09:35 Opening Remarks and Objectives of the Seminar
Prof. Hiroaki Tanaka (RCEQM, Kyoto University)
- 09:35 – 10:15 Research at CEH on International Exposures to Chemicals, Nanosilver and a New Endocrine Disruption Story
Dr. Andrew C. Johnson (CEH, Wallingford, UK)
- 10:15 – 10:45 Multidrug Resistant Bacteria in a River and a Lake in Michigan, U.S.
Dr. Hiromoto Koshikawa (Ryukoku University)
- 10:45– 11:00 Occurrence and Removal of NDMA and NDMA Formation Potential in Wastewater Treatment Plants
Dr. Yoon Suchul (RCEQM, Kyoto University)
- 11: 00– 11:15 Evaluation of the Endocrine Disrupting Activity of Wastewater and Reclaimed Water
Dr. Masaru Ihara (RCEQM, Kyoto University)

Coffee Break (11:15 – 11:25)

2nd Session (11:25 – 12:05)

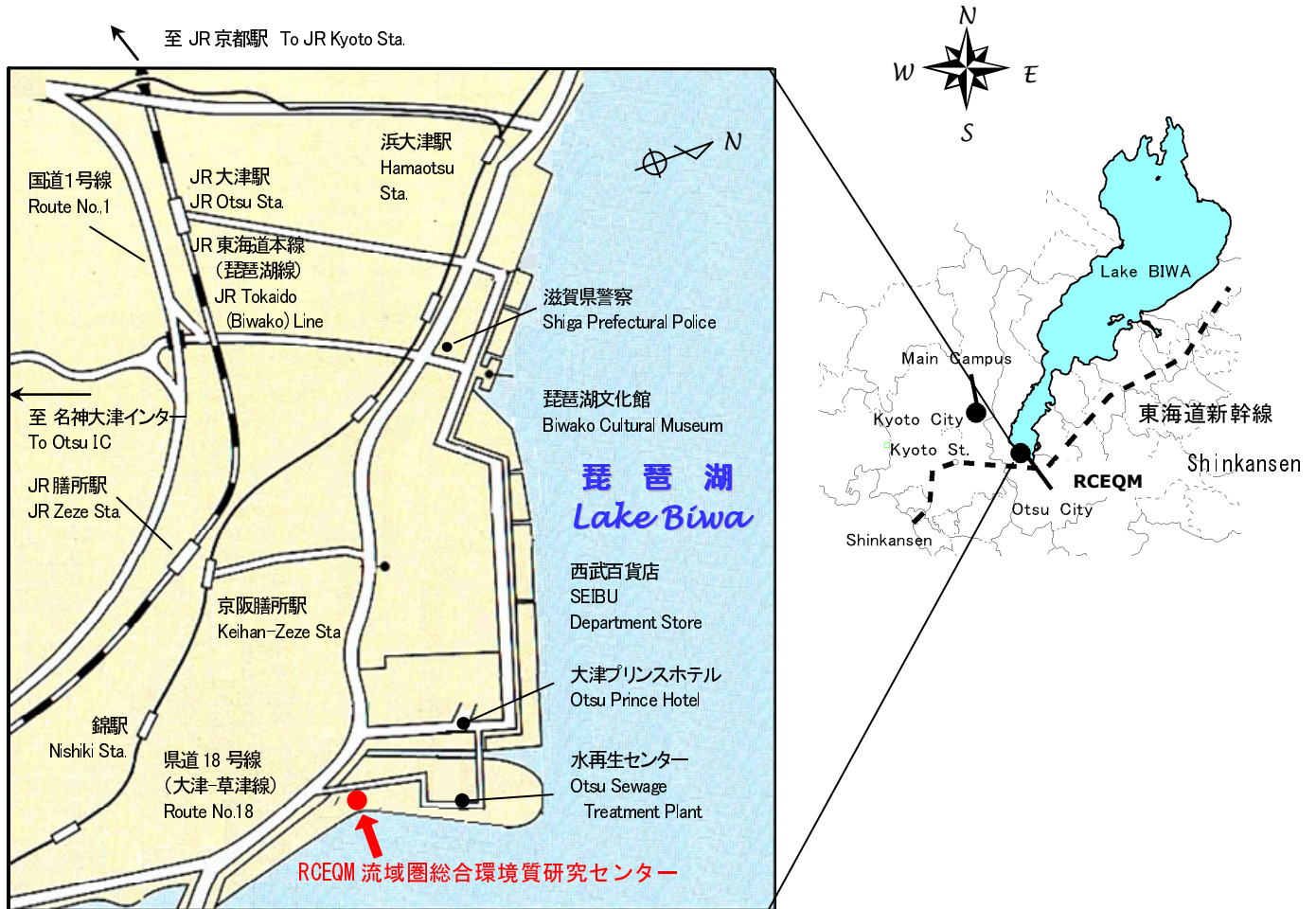
- 11:25 – 11:35 Detection of Oseltamivir, its Active Metabolite (Oseltamivir carboxylate), Zanamivir and Amantadine in the Yodo River System, Japan
Mr. Takashi Azuma (RCEQM, Kyoto University)
- 11:35 – 11:45 Natural Attenuation of Pharmaceuticals and Personal Care Products During River Transport
Mr. Seiya Hanamoto (RCEQM, Kyoto University)
- 11:45 – 11:55 Adsorption of Nano Fullerene on Activated Sludge
Mr. Yang yongkui (RCEQM, Kyoto University)
- 11:55 – 12:05 Performance of Ceramic Membrane & Ozonation for Removal of Pharmaceuticals and Personal Care Products in Secondary Effluent of Sewage Treatment
Ms. Wang Hongyang (RCEQM, Kyoto University)

Break (12:05 – 12:15)

3rd Session (12:15 – 12:50)

- 12:15 – 12:25 Occurrence of PPCPs in Sewage Treatment Plants in Japan
Mr. Masanori Narumiya (RCEQM, Kyoto University)
- 12:25 – 12:35 Initial Ecological Risk Assessment of Pharmaceuticals and Personal Care Products Found in the Japanese Water Environment
Ms. Tsukasa Kawakami (RCEQM, Kyoto University)
- 12:35 – 12:45 The Effect of Coagulation Process on Virus Removal by Ultra-filtration for Water Reuse
Mr. SunTae Lee (RCEQM, Kyoto University)
- 12:45 – 12:50 Closing Remarks
Prof. Hiroaki Tanaka (RCEQM, Kyoto University)

センターへのアクセス *Access to RCEQM*



交通機関	Transportation
JR大津駅下車タクシー10分	10 minutes by car from <i>JR Otsu Sta.</i>
膳所駅下車徒歩20分	20 minutes on foot from <i>Zeze Sta.</i> (JR & Keihan elec. Railway)
錦駅下車徒歩7分	7 minutes on foot from <i>Nishiki Sta.</i>
名神大津インターから10分	10 minutes by car from <i>Otsu I.C.</i> (Meishin Expressway)

問い合わせ *Address, Phone & FAX numbers and URL*

京都大学大学院工学研究科附属

〒520-0811 滋賀県大津市由美浜 1-2

流域圏総合環境研究センター

電話 077-527-6220 ~4

ファックス 077-524-9869

Research Center for

1-2 Yumiha ma, Otsu, 520 -0811,
Japan

Environmental Quality Management

Phone +81 -77-527-6220 ~4

Kyoto University

FAX +81 -77-524-9869

URL: <http://www.eqc.kyoto-u.ac.jp>