



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



**Sustainability, Water and the Environment in Asia and US**

**INTRODUCTION:**

In the past few decades there has been a global concern regarding sustainable water and environment. Developed countries have been made relatively considerable progress in addressing a variety of environmental problems as compare to developing countries. This seminar will therefore aim to explore possible criteria for assessing sustainable water and environment in USA and Asia. Further, it will develop a clear vision on the challenges for young scientist for the next decade.

Time : 2011/6/7 (Tuesday) 9:00 AM~12:15 PM  
 Venue : RCEQM Seminar Room\*

Program		
Time	Topic	Speaker
9:00~9:15	Brief introduction of RCEQM and objective of this seminar	Prof. Hiroaki Tanaka RCEQM, Kyoto University
9:15~9:50	Building Sustainable Native American Nations through Integration of Higher Education Programs and Renewable Geothermal Energy Development on Tribal Lands	Prof. Chikashi Sato Idaho State University, Pocatello, Idaho, USA
10:00~10:10	Coffee Break	
10:10~10:30	Major Environmental Problems in Taiwan ( <i>Tentative</i> )	Prof. Jiun-Horng Tsai National Cheng-Kung University, Taiwan
10:30~10:45	Applicability of the reclaimed wastewater for agricultural irrigation use	Dr. Naoyuki Yamashita RCEQM, Kyoto University
10:45~11:00	Pharmaceutically active compounds in Japanese aquatic environment	Dr. Norihide Nakada RCEQM, Kyoto University
11:00~11:15	Break	
11:15~11:25	Contamination of Perfluorinated compounds (PFCs) in tap water in North America	Dr. Chinagarn Kunacheva Graduate School of Global Environmental Studies, Kyoto University
11:25~11:35	Evaluation of endocrine disrupting activity and interspecies sensitivity of wastewater treatment plant influent and effluent by reporter gene assay	Dr. Masaru Ihara RCEQM, Kyoto University
11:35~11:45	Emerging Contaminants in the Asian Aquatic Environment	Dr. Vimal Kumar RCEQM, Kyoto University
11:45~11:55	Occurrence and fate of pharmaceuticals and personal care products in municipal sewage treatment plants	Mr. Masanori Narumiya RCEQM, Kyoto University
11:55~12:05	Occurrence of pharmaceuticals and personal care products in aquatic environment around Shenzhen	Mr. Seiya Hanamoto RCEQM, Kyoto University
12:05	Discussion and Closing Remarks	Prof. Hiroaki Tanaka
12:15	Seminar Lunch	
13:00	Lab Tour + Poster Session	

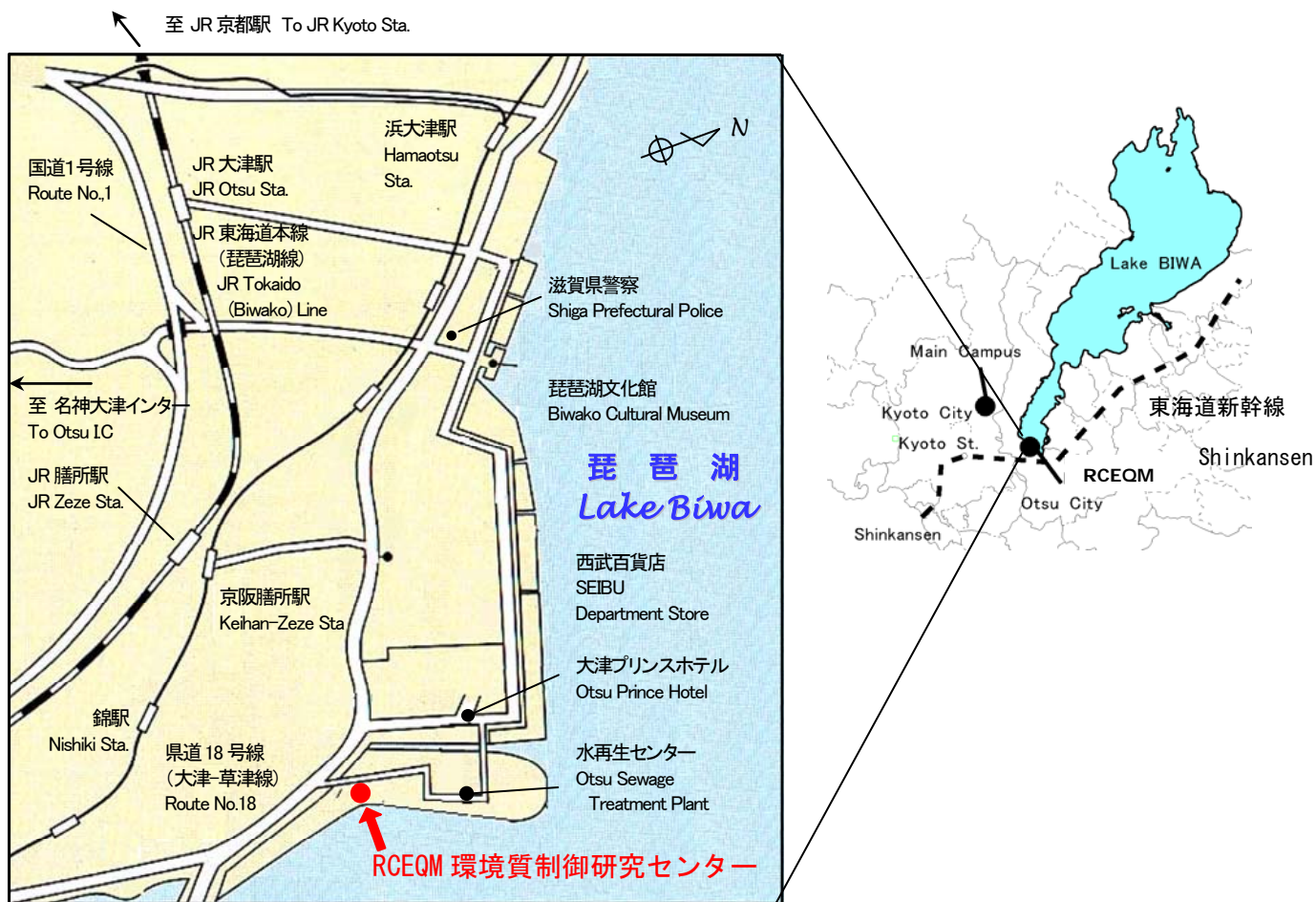
\* See the access map on next page

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## センターへのアクセス *Access to RCEQM*



交通機関	<i>Transportation</i>
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*

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