

vii. Sustainable Urban Management

2010 Global Summer Program Report

The University of Tokyo	
Brief description	<p>In the process of 20th century urban development, characterized by urban expansion and redevelopment, industrialized countries witnessed a surge in the number, scale and complexity of urban structures. However, with conventional technologies focused on the construction of structures, it has become difficult to keep urban space adaptable to environmental constraints and economic, social and cultural changes. Conventional technologies can no longer meet the social demands of upgrading social capital in a sustainable manner, and the regeneration of attractive urban space that is not only safe and highly efficient, but also conscious of historical, cultural and local identities, guaranteeing a high quality of life for all.</p> <p>A new approach is needed to reorganize the existing social capital and the technologies to implement it. This approach is neither a mere planning approach, nor a mere engineering approach, but a comprehensive approach.</p>
Course duration:	21 June – 6 July (16 days)
Tuition fees:	USD \$254 (JPY 22,200)
Accommodation:	USD \$844 (JPY 73,100)
Field trip:	Exempted
Course facilitator(s):	Prof Keisuke HANAKI

2. Participant and teaching staff data

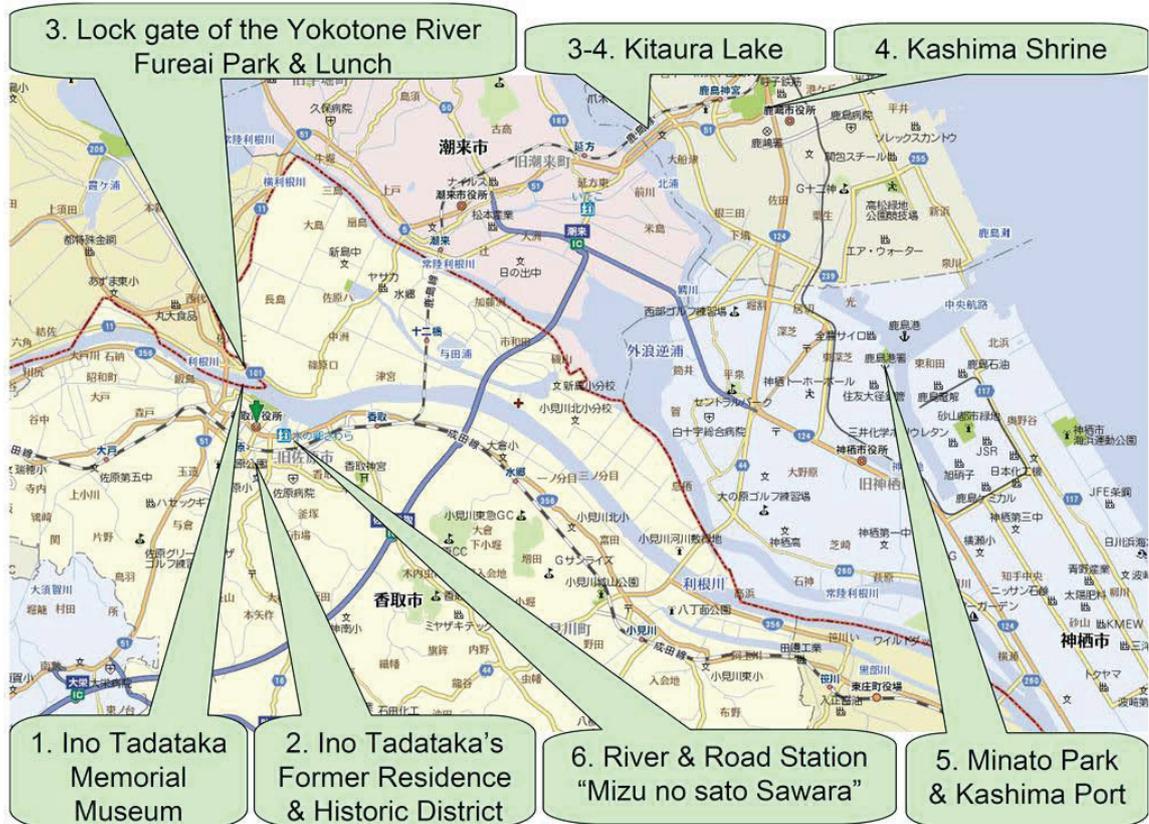
	University	Number of Students	Teaching Staff
IARU Partner Universities	Australian National University	1	
	ETH Zurich	3	
	National University of Singapore	2	
	Peking University	0	
	University of California, Berkeley	1	
	University of Cambridge	0	
	University of Copenhagen	0	
	University of Oxford	2	
	The University of Tokyo	14	13
	Yale University	0	
	Total IARU partner involvement	23	13
Non-IARU Partner Universities			
	TOTAL Non-IARU partner involvement		
TOTAL		23	13

3. Successful aspects of the course

The course was offered by three departments, namely Departments of Urban Engineering, Civil Engineering and Architecture in School of Engineering. This course is also a regular undergraduate course of The University of Tokyo. Although the intensified schedule within two weeks is not usual, evaluation criteria and total number of teaching hour is usual. Courses taught in English are common in the graduate program, but very limited in undergraduate program in School of Engineering. The school is promoting undergraduate courses taught in English. This IARU course helps this policy.



A one-day field trip was organized for IARU students. The students visited local cities and their surrounding area to see infrastructure and traditional town landscape in the context of harmonization with water.



4. Challenges and concerns for the future

All classes were taught in the time slot of 16:30-18:00 and 18:15-19:45 to avoid conflicts with regular classes. This is inevitable, but not very good for IARU students.