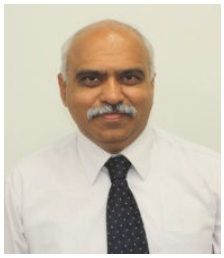
Kyoto University

Undergraduate International Course Program of Civil Engineering

The International Environmental Technology Centre (IETC) of the United Nations Environment Program (UNEP) at Osaka city has been developing an extensive knowledge base in eco-town planning, e-waste management and integrated solid waste management for cities along with many other environment related areas. The Undergraduate International Course Program of Civil Engineering with collaboration from IETC-UNEP, is organizing a special lecture under the Urban and Regional Planning Course on December 16th, 2013 at 1445 - 1615.

About the Speaker



Dr. Mushtaq Memon is an expert in the field of waste management including integrated solid waste management for cities, waste and climate change, disaster waste management, e-waste management, eco towns, and public-private partnerships. He is a Civil Engineer by training and specializes in the fields of Transport Engineering (Post graduate Diploma), Project Management and National Development (Masters Degree) and in Environmental and Resource Economics and Management (PhD). Dr. Mushtaq is working as a Programme Officer at International Environmental Technology Centre of Division of Technology, Industry and Economics, since 2005. Prior joining UNEP, he was working as Senior Policy Researcher at Institute for Global Environmental Strategies (IGES) in Japan, Director at World Bank funded Sindh Rural Water Supply and Sanitation Project in Pakistan and Civil Engineer at Karachi Port Trust and Port Qasim Authority in Pakistan.

Abstract of the Talk

There are two key dynamics confronting local authorities in developing countries today: increasing decentralisation and growing urbanization, now coupled with pressures for greener growth. A transversal theme that can address the challenges while ensuring local actors to accumulate the knowledge, skills, and technologies for making green cities, is the strengthening of governance through effective capacity development. Urban centres in developing countries are seeing rapid growth in the generation of waste including waste electrical and electronic equipment (WEEE) or electronic waste (E-waste), waste agricultural biomass, and waste plastics. Effective and efficient management of waste including the application of 3Rs is an essential element for promoting sustainable patterns of consumption and production, and behavioural change. Eco-towns refer to an urban planning and environmental management approach where industries located in the designated area pursue synergies in resource utilization, waste management, environmental preservation, and promotion of industrial and economic development. The eco-town approach enhances productivity and simultaneously reduces the negative impacts on the environment through tools, techniques and technologies adopted for the purpose. An eco town integrates environmental development with socioeconomic development. The concept of eco-town is evolving to reduce the environmental footprints of communities and industries. Integrated solid waste management (ISWM) based on the "3R" approach (reduce, reuse and recycle) is targeted to close the loop as local possible to reduce the final waste quantities.

Program

Date:	December 16th, 2013 (Monday)
Venue:	Kyotsu 4, Research Bldg. No.4, Main Yoshida Campus. (http://www.kyoto-u.ac.jp/en/access/campus/main.htm)
Participation:	The lecture is organized for the students registered in Urban and Regional Planning Course of the Undergraduate International Course Program of Civil Engineering. Few more participants can be accepted based on the limited capacity of the venue. **Interested people can contact course instructor, Dr. Ali Gul Qureshi at aligul@kiban.kuciv.kyoto-u.ac.jp**.