



The Hong Kong Polytechnic University RILS & NBUIS Joint Public Lecture: Urban Ecological Security and Green Development

- Date & time:** Monday 9 December 2024
3:00pm – 4:00pm
- Speaker:** **Prof. Xiangrong WANG**
Director and Distinguished Professor
Centre for Urban Eco-Planning & Design
Fudan University, China
- Moderator:** **Prof. Xiaoli DING**
Director of RILS
- Organisers:** Research Institute for Land and Space
Research Centre for Nature-based Urban Infrastructure Solutions
The Hong Kong Polytechnic University
- Co-organisers:** China Harbour – PolyU Joint Research Centre for Land Development
PolyU-Yangjiang Laboratory Joint Research Centre for Offshore Wind Power
The Hong Kong Polytechnic University
- Location:** Online via Zoom
- Registration link:** Please click [here](#)
- Attendance is free.
An email proof of participation will be sent to participants upon request.
- Contact us:** Ms Cathy Kwok (RILS Secretary)
Tel: 852 2766 5966
E-mail: info.rils@polyu.edu.hk

RILS & NBUIS Joint Public Lecture: Urban Ecological Security and Green Development



Prof. Xiangrong WANG

Presentation Title

Urban Ecological Security and Green Development

Abstract

Based on the ecological security assessment of international metropolises such as London, New York, Hong Kong, Shanghai and others, this report analyzes and expounds from three aspects: 1. Origin and connotation: Ecological security of metropolises from a global perspective; 2. Exploration and cognition: Low-carbon development model of international metropolises under climate change; 3. Paths and countermeasures: Paths and countermeasures of urban green development based on Nbs model.

Biography

Prof. Xiangrong WANG is currently the director and distinguished professor of the Centre for Urban Eco-Planning & Design of Fudan University in Shanghai China, the director of National Centre for Virtual Simulation of Environmental Science, Fudan University, and the Vice Chairman of Urban Ecological Commission of Ecological Society of China, Chief supervisor of Shanghai Ecological Society. In addition, he is the Chair of Environmental Science and Healthy City Division of Shanghai Municipal Construction Commission, and Counselor of Shanghai Municipal People's Government, the editorial members of some academic journals, such as the editor-in-chief of Journal of World Forestry (Hans Press, USA), vice editor-in-chief of Journal of China's Urban Forestry, editors of Acta Ecologica Sinica, Chinese Journal of Ecology, Chinese Journal of Eco-Agriculture, Journal of Environmental Science & Technology, etc, and reviewers of some International Journals such as Ecological Engineering, Landscape and Urban Planning, and JHM, JCP. etc. He also served as a regional vice-chair of East Asia, the IUCN Commission on Education and Communication during 2004-2012 and a steering member of INTECOL Association.



RILS & NBUIS Joint Public Lecture: Urban Ecological Security and Green Development

Biography (continued)

Prof. WANG got his Ph.D. of Environmental Ecology in 1991 at East China Normal University and carried out his post-doctoral education of urban ecology and Planning at Tongji University in 1993. He was also a senior visiting scholar at the University of Liverpool, UK during 1994-1996 and a Fulbright Scholar at the State University of New York at New Paltz and Bard College, USA during 2004-2005.

Prof. WANG currently focuses on his research in the areas of environmental ecology assessment and ecological planning, climate change and environmental policy & sustainability, and urban eco-restoration and environmental bio-tech., and AI + VR application. He has now published more than 26 scholarly books and 200 academic papers and 9 national patents and supervised dozens of students both for Ph.D. and M.Sc. He carried out about 80 research programs as a leading expert such as the national key R & D project of the 13th Five-Year Plan of China titled on "Research and Integrated Demonstration of Key Technologies for Ecological Security of the Urban Agglomeration in Yangtze River Delta (No. 2016YFC0502700), and National Social Science Major Program of China, etc. He won a lot of prizes both national and provincial levels. He was selected in the 2023's China High Contribution Scholars List (Environmental Science and Engineering Fields).

Programme

Time	Title
3:00pm – 3:45pm	Urban Ecological Security and Green Development Prof. Xiangrong WANG Director and Distinguished Professor Centre for Urban Eco-Planning & Design Fudan University, China
3:45pm – 4:00pm	Q & A Session