



2014 ProSPER.Net Young Researchers' School

'Urban Planning for Sustainable Development: Water Resources and Ecosystem Management'

15-26 September 2014, Shanghai, People's Republic of China

Tongji University

Programme

1. General description:

- The aim of the researchers' school is to offer an opportunity for students to be exposed to sustainability issues, while developing research skills, and to further encourage a network of students/future professionals and academics working on sustainable development.
- The programme will provide the following:
 - Specific knowledge regarding the theme;
 - Opportunities for research skills development, including research communication skills through activities like the 3-minute thesis competition¹ and Our World 2.0² workshop. The aim is to help students frame their research in a simplified manner and thus reach broader audiences;
 - Interaction among participants and resource persons through group activities and field trips, that will provide context and content for students to develop a research proposal looking at how different policies and projects can be interlinked and provide integrative solutions for various sustainability challenges.
- Resource persons' lectures will comprise introductory and methodological themes, as well as specific knowledge related to the fieldtrips to aid the students in the development of their research proposal.

2. Practical considerations:

- There are two sessions in each morning and afternoon period. A 15-minute break will take place between each activity, except for the field trip days

¹ The 3-minute thesis competition is an activity whereby researchers present an outline of their research in three minutes using 1 slide. It is aimed at an educated but non-specialist audience and graded according to three criteria: clarity of presentation, comprehension and the engaging nature of the research.

² Our World 2.0 is UNU's web magazine, an online publication with contributions from a wide range of academics, researchers and students, where it is possible to disseminate their work, including their thinking, solutions and innovative approaches to global challenges of climate change, food, biodiversity and oil. For more information, see <http://ourworld.unu.edu>.

- A core team of resource persons shall participate in the entire programme, to coordinate activities, facilitate group work sessions and take the responsibility of any decisions during the delivery of the researchers' school.
- Lecture slots are scheduled for 90 minutes in total including presentation, questions and general discussions.
- Three field trips are scheduled around the themes of urban planning, water resources and ecosystem management.

14 Sep, Sun

Arrival

15 Sep, Monday	Time		Activity	Presenter
	08:45-10:15	90'	Opening Ceremony and Keynote General Information Session	Tongji University and UNU-IAS
	10:15	15'	Coffee Break	
	10:30-12:00	90'	Introduction of Programme & Green Campus Tour	
	12:00	120'	Lunch	
	14:00-15:30	90'	Lecture 1: Sustainable Urban Development	Dr. WANG Xin, Tongji University
	15:30	15'	Coffee Break	
	15:45-17:15	90'	Lecture 2: Green Campus Initiatives in China	Dr. CHEN Shuqin, Tongji University
	17:15		Close	
	18:00		Welcome Dinner	

16 Sep, Tuesday	Time		Activity	Presenter
Field trip 1, AIT area	AM		Field Trip 1 (urban planning): Jiading Campus of Tongji University	
	12:00		Lunch	
	PM		Shanghai Urban Planning Exhibition Centre	

17 Sep, Wednesday	Time		Activity	Presenter
	08:45-10:15	90'	Lecture 3: Research Methods - Qualitative	
	10:15	15'	Coffee Break	
	10:30-12:00	90'	Lecture 4: Research Methods - Quantitative	
	12:00	120'	Lunch	
	14:00-15:30	90'	Lecture 5: New Technology Development on Water Treatment	Dr. WANG Hongtao, Tongji University
	15:30	15'	Coffee Break	
	15:45-17:15	90'	Lecture 6: Fishery Resource and Remote Monitoring	Dr. ZHANG Heng, Tongji University

	17:15		Close	
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18 Sep, Thursday	Time		Activity	Presenter
	AM		Field Trip 2 (water resources): Local Water Treatment Works and Hotan Wetland Park in Shanghai World EXPO Site	
	12:00		Lunch	
	PM		East China Sea Fisheries Research Institute	

19 Sep, Friday	Time		Activity	Presenter
	08:45-10:15	90'	Lecture 7: Policy Issues in Urban Planning for Sustainable Development	
	10:15	15'	Coffee Break	
	10:30-12:00	90'	Lecture 8: Water resource and management in China	
	12:00	120'	Lunch	
	14:00-15:30	90'	Lecture 9: Integrated modeling approach in environmental and water resources research	
	15:30	15'	Coffee Break	
	15:45-17:15	90'	Lecture 10: Sustainable Development in China	
	17:15		Close	

20 Sep, Saturday	Time		Activity	Presenter
	08:45-10:15	90'	Lecture 11: The Current situation and prospect of green architecture and development of eco-city	
	10:15	15'	Coffee Break	
	10:30-12:00	90'	Lecture 12: Green Economy and China's Development Transition.	
	12:00	120'	Lunch	
	14:00-15:30	90'	3-minute thesis practice	
	15:30	15'	Coffee Break	
15:45-17:15	90'	Lecture 13: Ecosystem Restoration and project demonstration of polluted river in Urban area		

	17:15		Close	
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21 Sep, Sun day-off

22 Sep, Monday	Time		Activity	Presenter
	08:45-10:15	90'	Lecture 14: Floating Treatment wetlands	
	10:15	15'	Coffee Break	
	10:30-12:00	90'	Lecture 15: Aves ecology and migration theory research	
	12:00	120'	Lunch	
	14:00-15:30	90'	Lecture 16: Study on Multifunctional Agriculture	
	15:30	15'	Coffee Break	
	15:45-17:15	90'	Lecture 17: Demonstration project about health food produced from ecological agriculture	
17:15		Close		

23 Sep, Tuesday	Time		Activity	Presenter
	08:45-10:15	90'	Lecture 19: International Environment Assessment for Chongming Eco-island	Prof. GUO Ru, Tongji University
	10:15	15'	Coffee Break	
	10:30-12:00	90'	Lecture 20: The Benthic Macro-invertebrates and Ecosystem in the Uangtze Estuary	Dr. LIU Wenliang, Tongji University
	12:00	120'	Lunch	
	14:00-15:30	90'	Lecture 21: Sustainable Economic Development in China: Industry and Consumption	Dr. GUO Ying, Tongji University
	15:30	15'	Coffee Break	
	15:45-17:15	90'	Lecture on communication (Our World 2.0)	
17:15		Close		

24 Sep, Wednesday	Time		Activity	Presenter
	AM		Field Trip 3 (ecosystem; joint activity with UNEP-Tongji LP): Chongming Dongtan Natural Reserve	
	12:00		Lunch	
PM		Chongxi Wetland Research Center		

			and Chongxi Ecological Wetland Park	
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25 Sep, Thursday	Time		Activity	Presenter
	08:45-10:15	90'	Group Work	Attending resource persons
	10:15	15'	Coffee Break	
	10:30-12:00	90'	Group Work	Attending resource persons
	12:00	120'	Lunch	
	14:00-15:30	90'	Group Work	Attending resource persons
	15:30	15'	Coffee Break	
	15:45-17:15	90'	Group Work	Attending resource persons
	17:15		Close	

26 Sep, Friday	Time		Activity	Presenter
	08:45-10:15	90'	Summary of Lectures and Evaluation	Attending resource persons
	10:15	15'	Coffee Break	
	10:30-12:00	90'	3-minutes Thesis Competition Final	Attending resource persons
	12:00	120'	Lunch with UNEP-Tongji LP participants	
	14:00-15:30	90'	Group Work Presentations and Discussions	Attending resource persons
	15:30	15'	Coffee Break	
	15:45-17:15	90'	Group Work Presentations and Discussions	Attending resource persons
17:15		Closing Ceremony and 3-minute thesis award		

27 Sep, Sat
Departure