

# International Course on River Basin Management

The University of Melbourne & Tsinghua University

中国清华大学—澳大利亚墨尔本大学 2015年国际流域比较联合课程

## Week 1 (13 to 17 July)

The University of Melbourne & Tsinghua University C-Campus

**Venue:** The Spot Theatre, Level 1, 198 Berkeley Street  
Room 101 Tsinghua University

### COURSE PROGRAM

#### Monday 13<sup>th</sup> of July

Theme: Water Governance Policy and Institution		
Time	Lecture	Lecturer
09:00 – 10:00 (M)	Introduction to the Subject	Tutorial for University of Melbourne students
10:00 – 11:30 (M) 08:00 – 09:30 (B)	Water Governance in the MDB	Prof Sandford Clark The University of Melbourne
11:30 – 13:00 (M) 09:30 – 11:00 (B)	Water Governance in China	Prof Dajun Shen Renmin University – RMU, China
<b>Lunch</b> 13:00 – 14:00 (M) 11:00 – 12:00 (B)		
14:00 - 15:00 (M) 12:00 – 13:00 (B)	Groundwater use	Prof Chunpiao Zheng Peking University
15:00 - 16:00 (M) 13:00 – 14:00 (B)	Comparison of water governance in MD, Colorado and Yellow River Basins	Prof John Langford and Dr Yongping Wei The University of Melbourne
16:00 – 16:30 (M) 14:00 – 14:30 (B)	Water Management in Beijing	Dr Liu Bin Department of Water Resources Affair, Ministry of Water Resources, China

Tuesday 14<sup>th</sup> of July

Theme: Water Utilization & Sponge City		
Time	Lecturer	Lecture
09:00 – 10:00 (M)	Assignments Introduction	Tutorial for University of Melbourne students
10:00 – 10:45 (M) 08:00 – 08:45 (B)	Managing Conflict of Interest	Honourable John Brumby Vice Chancellor's Professorial Fellow and Associate of the Melbourne Sustainable Society Institute, University of Melbourne. Former Premier of Victoria (2007 – 2010)
10:45 – 11:30 (M) 08:45 – 09:30 (B)	Water Sensitive Cities in River Basins	Prof Rob Skinner Professorial Fellow and Director of Monash University's Water for Liveability Centre
11:30 – 13:00 (M) 09:30 – 11:00 (B)	Hydropower in the World	Prof Jinsheng Jia, Formal Chairman of International Commission of International Commission on Large Dams
<b>Lunch</b> 13:00 – 14:00 (M) 11:00 – 12:00 (B)		
14:00 – 14:45 (M) 12:00 – 12:45 (B)	Agricultural Water Management at the Farm Scale	Mr Rob Rendell Principal, RMCG
14:45 – 15:30 (M) 12:45 – 13:30 (B)	Agricultural Water Management at the Basin Scale	Prof Snow Barlow Agriculture and Food Systems The University of Melbourne
15:30 – 16:00 (M) 13:30 – 14:00 (B)	Roof Hanging Garden	Prof Guangheng Ni Tsinghua University
16:00 – 16:30 (M) 14:00 – 14:30 (B)	Integration of ecology landscape and hydrology in City	Dr Li Orientscape Ltd, China

Wednesday 15<sup>th</sup> of July

**Theme: Water Environment and Ecological Protection**

Time	Lecture	Lecturer
09:00 – 10:00 (M)	Questions and Answers (1)	Tutorial for The University of Melbourne students
10:00 – 10:45 (M) 08:00 – 08:45 (B)	Environmental Water Management	Dr Denis Flett Chairperson, Victorian Environmental Water Holder North East Water
10:45 – 11:30 (M) 08:45 – 09:30 (B)	Environmental Water Management	Dr. Sara Long Research Fellow, Biomarker Program, CAPIM
11:30 – 13:00 (M) 09:30 – 11:00 (B)	Soil and water conservation	Prof Zhoayin Wang Tsinghua University
<b>Lunch</b> 13:00 – 14:00 (M) 11:00 – 12:00 (B)		
14:00 – 15:00 (M) 12:00 – 13:00 (B)	Groundwater, and salinization	A/Prof Andrew Love Flinders University
15:00 – 15:30 (M) 13:00 – 13:30 (B)	Water Governance in the USA	Prof Dajun Shen Renmin University of China
15:30 – 16:30 (M) 13:30 – 14:30 (B)	Water for the Environment	Prof Jane Doolan Chair of the MDFRC Governing Board. Professorial Fellow in Natural Resources Governance, University of Canberra. Commissioner of the National Water Commission

Thursday 16<sup>th</sup> of July

Theme: History and Reform of River Basin Management		
Time	Lecture	Lecturer
09:00 – 10:00 (M)	Questions and Answers (2)	Tutorial for The University of Melbourne students
10:00 – 10:45 (M) 08:00 – 08:45 (B)	Water Allocation & Entitlement Reform in the MDB	Mr David Lewis Australia China Joint Research Centre on River Basin Management (Former <i>Director Retail Water Entitlements &amp; Markets Water Group, Department of Environment &amp; Primary Industry</i> )
10:45 – 11:30 (M) 08:45 – 09:30 (B)	Water Markets in the MDB	Mr Ryan Gormly Aither
11:30 – 13:00 (M) 09:30 – 11:00 (B)	Reform of Harness of the Yellow River	Prof Zhaoying Wang Tsinghua University
Lunch - 13:00 – 14:00 (M) 11:00 – 12:00 (B)		
14:00 – 15:00 (M) 12:00 – 13:00 (B)	Water Allocation and Entitlement Reform in the Colorado	<i>Prof Zhongjing Wang Tsinghua University</i>
15:00 – 16:00 (M) 13:00 – 14:00 (B)	Reform of River Basin Management in the MDB	Prof John Langford Australia China Joint Research Centre on River Basin Management The University of Melbourne
16:00 – 16:30 (M) 14:00 – 14:30 (B)	Ministry of Water Resource and Yellow River Committee	<i>Dr Jianping Wang Developing Research Centre MWR, China</i>

Friday 17<sup>th</sup> of July

Theme: Basin Planning and New Technology		
Time	Lecture	Lecturer
09:00 – 10:00 (M)	Questions & Answers (3)	Tutorial for The University of Melbourne students
10:00 – 12:00 (M) 08:00 – 09:00 (B)	Hydrology Modelling	Prof Dawen Yang Tsinghua University
12:00 – 13:00 (M) 10:00 – 11:00 (B)	Climate Change (as it affects the MDB)	Dr David Jones The University of Melbourne
Lunch – 13:00 (M) 11:00 (B)		
14:00 – 15:00 (M) 12:00 – 13:00 (B)	New Technological Infrastructure	A/Prof Erik Weyer Electrical and Electronic Engineering The University of Melbourne
15:00 – 15:30 (M) 13:00 – 13:30 (B)	Internet of Water in China	Prof Jianshi Zhao Tsinghua University
15:30 – 16:00 (M) 13:30 – 14:00 (B)	Remote Sensing	Dr Di Long Tsinghua University
16:00 – 16:30 (M) 14:00 – 14:30 (B)	Remote Sensing-Hydrology in Australia	Prof Andrew Western Infrastructure Engineering The University of Melbourne