

APRU World Institute



Association of Pacific Rim Universities

Pacific Rim Cities: Climate Change Mitigation and Adaptation Strategies (CMAS)

Progress Report

AWI Governing Board

26 June, 2008

Tokyo

Brief History

- [AWI Workshop on Climate Change and Sustainable Cities
 - San Diego, April 2007
- [AWI Pacific Rim Cities: Climate Change Mitigation and Adaptation Strategies Project
 - approved by AWI Board, June 2007
 - Lisa Shaffer and Jim Falk, co-directors
 - \$US 10,000 reserved per participating institution
- [First Planning Meeting, Tsinghua University, October 2007

Progress Report

— [**First Project Meeting, Beijing (Tsinghua), Oct 2007**

— [**Project Founding Charter**
Members: Universities: Melbourne, California at San Diego, Malaya, Singapore, Kyoto, Tsinghua

— [**+ ETH (Swiss Federal Institutes of Technology), and the Development Research Center of the State Council of China.**

— [**Achievements: Defined research questions and approach; identified participating city/region teams; agreed on milestones for the next year; began collaborations; initial scoping studies; and developed forward strategy**

City-Teams Established

- **Tianjin** (Tsinghua University)
- **San Diego** (University of California San Diego)
- **Bangkok** (Chulalongkorn University)
- **Hanoi and Danang** (Kyoto University)
- **Melbourne** (University of Melbourne)
- **Singapore** (Singapore National University)
- **Kuala Lumpur** (University of Malaya)

Milestones/Goals

- **Status meeting** April 2008 [Kuala Lumpur]- what is the state of knowledge, what have we learned so far; what should go into a major proposal?
- **Report to AWI Board** [Tokyo] - June 26
- **Research & Funding Workshop** [Danang] - Sept 9-11
 - Carry out workshop on issues focussing on Vietnam (Danang and Hanoi)
 - Develop first draft of a compelling case for major external funding

Integrated Water Management under Climate Stress

- To improve the understanding of integrated water systems management in case study cities
- Share respective experiences in both human/social and technological dimensions to develop better solutions.
- Chulalongkorn University, Kyoto U, NUS, U Malay, UCSD, U Melbourne

Reducing greenhouse gas emissions from urban water use

- To reduce greenhouse gas emission issues associated with water supply and consumption in case study cities
- Investigate implications of climate change, and application of insights to planning.
- U Melbourne, UC San Diego, Tsinghua U, Kyoto U?

Key issues - For each theme and city:

Identify: challenges, barriers, innovation opportunities, best practices

- What needs to be known (key problems, data & information)?

What technical & social innovations are available?
- What are the institutional barriers to moving forward?

What are the best practices (including governance) to achieve these goals?
- Audience: research community + decision makers: research reports + educational initiatives (eg case studies & on-line courses; improving public awareness and interaction with public officials).

Approach

- [Regular teleconferences (monthly) to keep focus and interaction between face-to-face meetings. Side meetings (eg JF/Ye Qi)
- [Website for sharing documents, planning information, contacts, etc (established)
- [Multidisciplinary workshops (first one Danang Sept) feeding into preparation of major funding proposal (First draft Danang)

High
Potenti
al
for
Spinoff

