



APRU World Institute

REPORT ON AWI'S ACTIVITIES

Presented at

APRU PRESIDENTS' MEETING

June 30, 2009

California Institute of Technology

By

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Member Institutions

42 APRU Members and 2 Invited Members

Australia

Australian National University
University of Melbourne
University of Sydney

Canada

University of British Columbia

Chile

University of Chile

China

Fudan University
Hong Kong University of Science & Technology
Nanjing University
Peking University
Tsinghua University
University of Hong Kong
University of Science and Technology of China
Zhejiang University

Chinese Taipei

National Taiwan University

Indonesia

University of Indonesia

Japan

Keio University
Kyoto University
Osaka University
Tohoku University
University of Tokyo
Waseda University

Korea

Korea University
Seoul National University

Malaysia

University of Malaya

Mexico

National Autonomous University of Mexico
Tecnológico de Monterrey

New Zealand

University of Auckland

Philippines

University of the Philippines

Russia

Far Eastern National University

Singapore

National University of Singapore

Thailand

Chulalongkorn University

United States of America

California Institute of Technology
Stanford University
University of California, Berkeley
University of California, Davis
University of California, Irvine
University of California, Los Angeles
University of California, San Diego
University of California, Santa Barbara
University of Oregon
University of Southern California
University of Washington

Invited Members

Board of the Swiss Federal Institutes of Technology (ETH)

Johns Hopkins University

AWI Governing Board



ZHOU Qifeng
President
Peking
University

**Hiroshi
MATSUMOTO**
President
Kyoto University

Chorn Chuan TAN
President
National University of Singapore

Kenneth McGILLVRAY
Secretary General, APRU
(Invited Member)

Glyn DAVIS (Chair)
Vice Chancellor
University of Melbourne

Richard DROBNICK
Managing Director, AWI
University of Southern
California

Marye Anne FOX
Chancellor
University of California,
San Diego

AWI Climate Change and Sustainability Director

Jim FALK, University of Melbourne
Australian Centre for Science, Innovation & Society (AC SIS)
and Convener, Climate Adaptation Science & Policy Initiative
(CASPI)

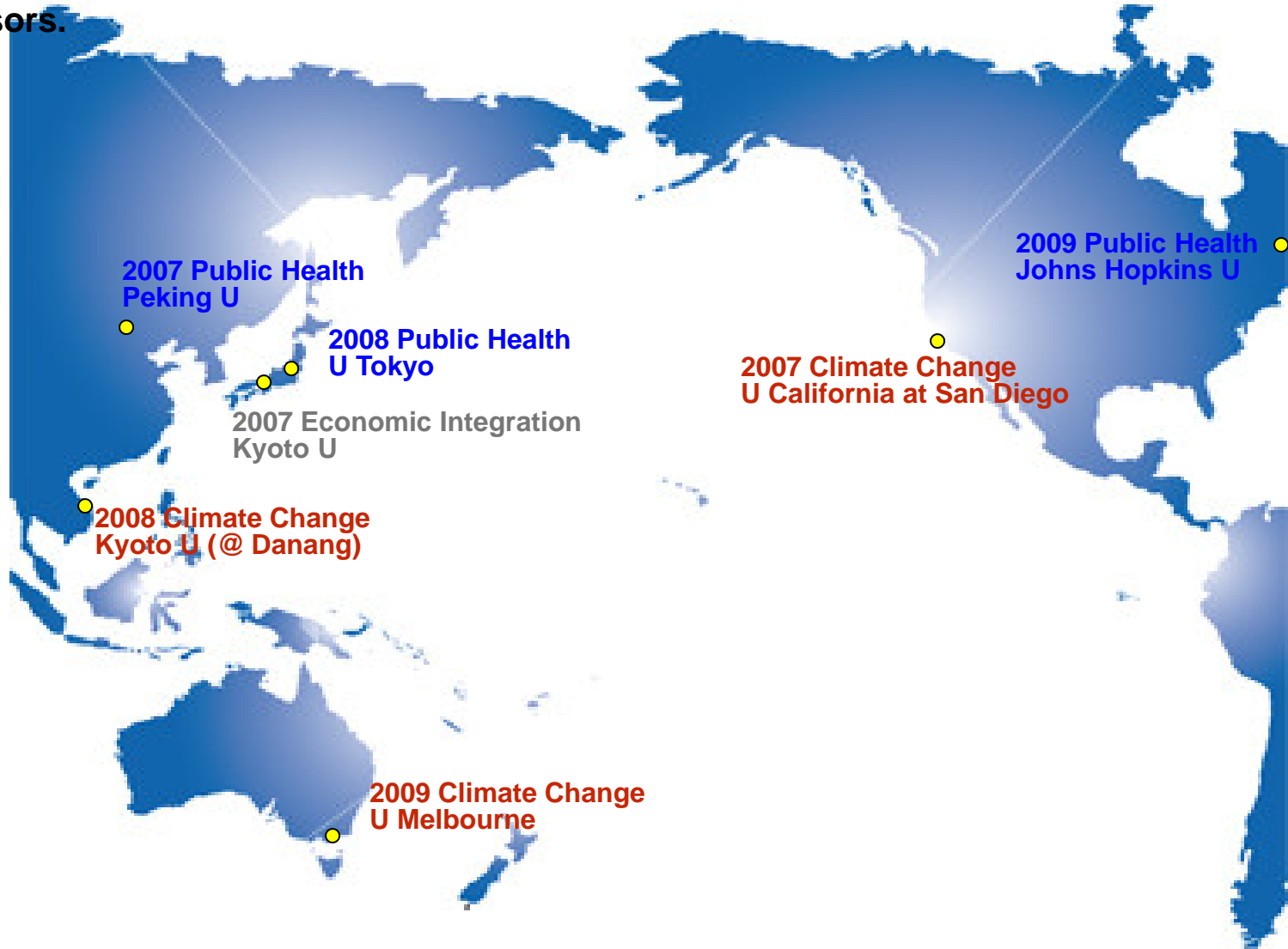
AWI Public Health Director

Meng Kin LIM, National University of Singapore
Associate Professor at the Department of Community,
Occupational & Family Medicine, Yong Loo Lin School of
Medicine; formerly, the Chief Executive Officer of the Health
Corporation of Singapore

AWI WORKSHOPS: 2007 - 2009

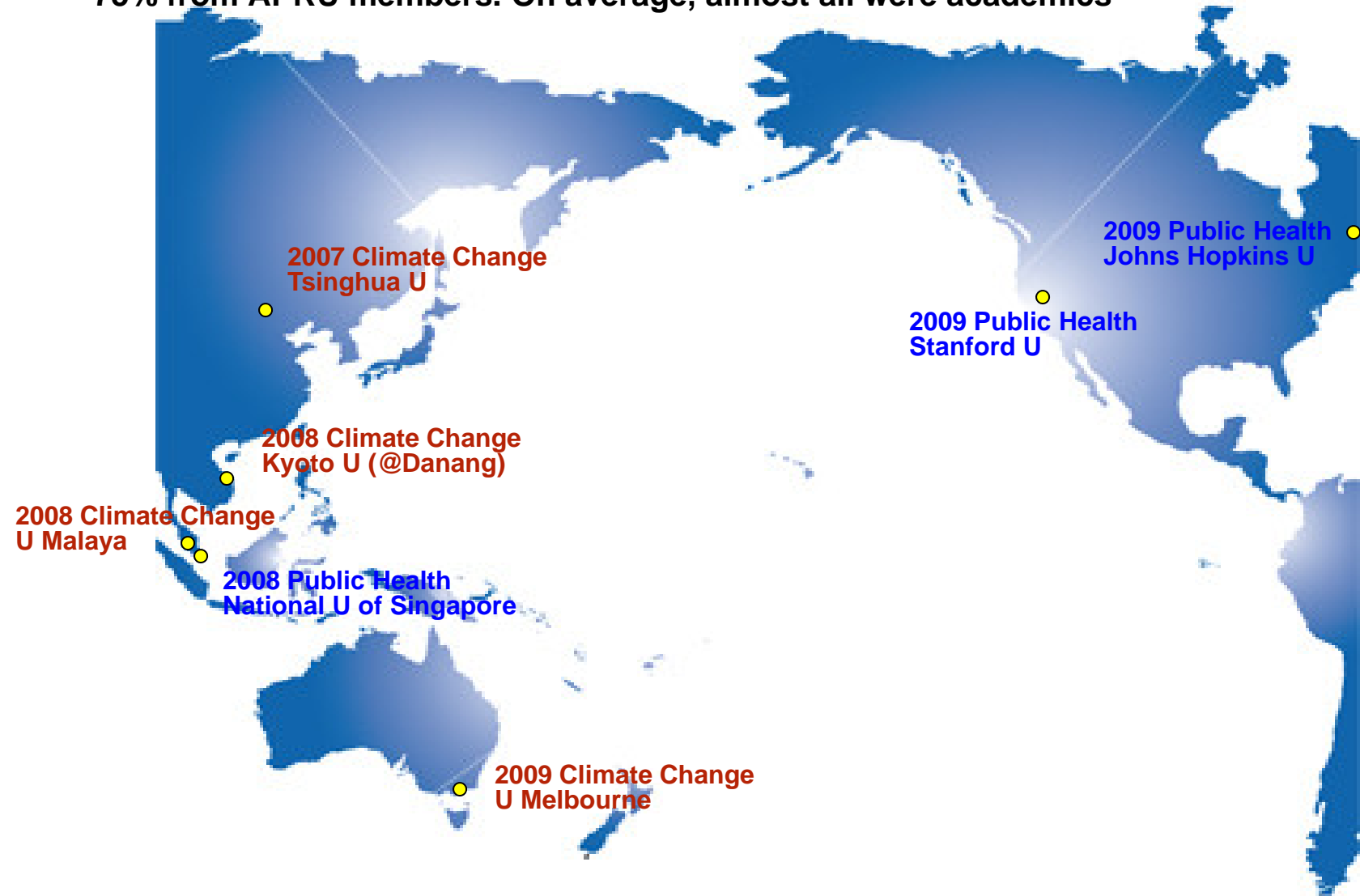
The 7 workshops had, on average, 50 participants coming from 10 Pacific Rim economies; 60% from APRU members. On average, 75% were academics & 10% were govt officials.

Note: Many of these academics have been senior government officials and/or are senior policy advisors.



AWI Research Program Meetings: 2007 - 2009

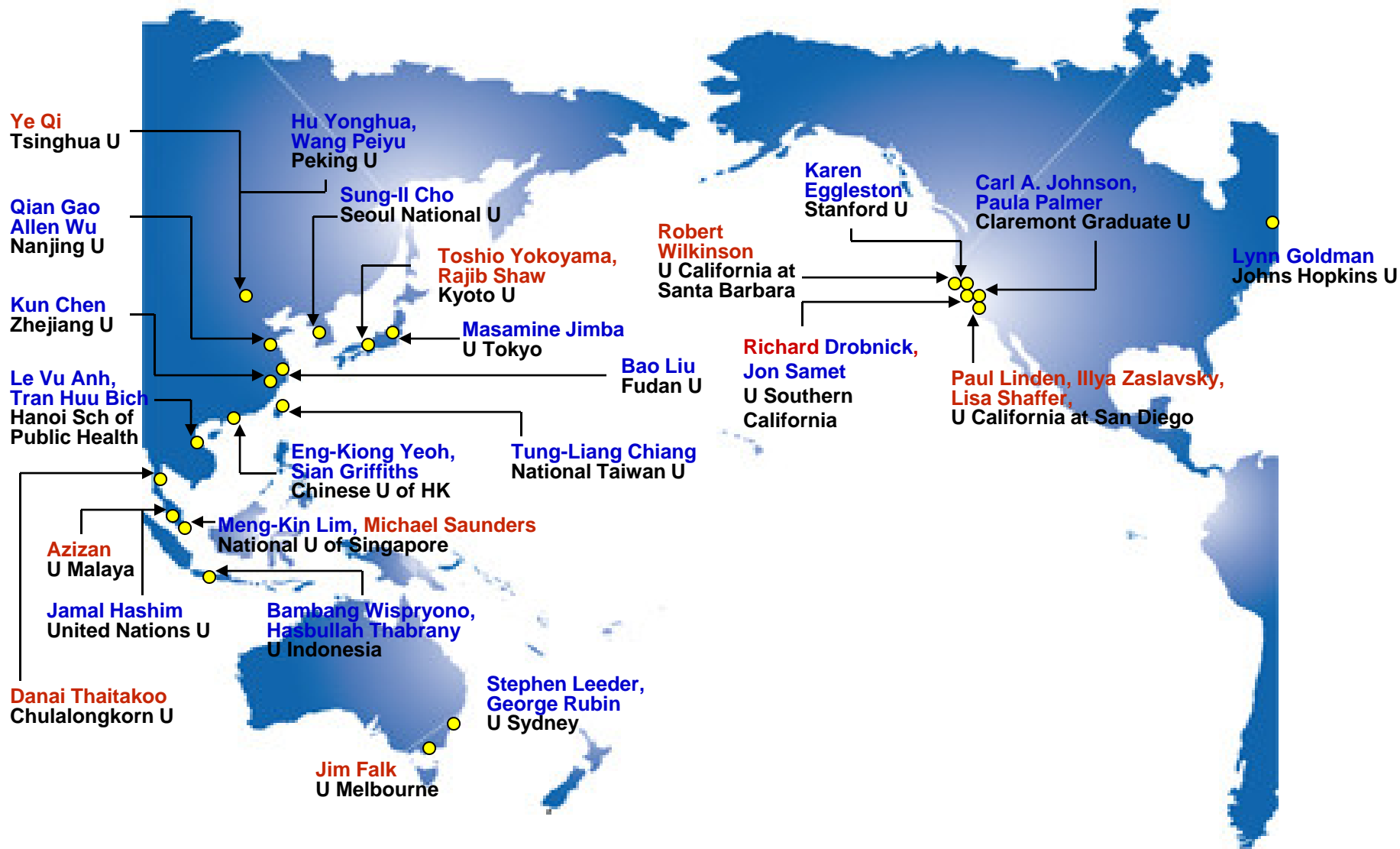
The 7 meetings had, on average, 12 participants coming from 8 Pacific Rim economies;
75% from APRU members. On average, almost all were academics



AWI Research Team Leaders

■ Climate Change

■ Public Health



Resources Invested in AWI Activities

May 2006 – June 2010

\$2 million to develop the AWI network of APRU and non-APRU institutions and to launch and support two AWI research projects

To accomplish this, AWI has organized 21 meetings in 10 Pacific Rim cities between October 2006 to June 2009 – 7 workshops (and their 7 planning meetings in advance) and 7 research program meetings. In total, these meetings have attracted about 450 participants, with about 80% travelling internationally to participate. (Some persons have participated in only one AWI meeting; others have participated in five.)

Source: Seed-fund from the National University of Singapore

April 2007 – June 2010

\$1.2 million (est.) in travel expenses for AWI meeting participants and hosting expenses for AWI universities that provided facilities, food, and transportation for the AWI meetings

In addition to these cash investments, about 100 senior researchers from AWI's 24 intellectual sponsor institutions have invested large amounts of time to participate in AWI workshops and to work on AWI research programmes

Source: Self-funded by participating institutions

June 2010

It is anticipated that AWI will begin to obtain external funds to support the research projects.

Focus of Research Projects

- Focus on the development of policy responses to climate change and public health threats to the sustainable growth and development of Pacific Rim cities
- Develop strategic research collaborations with academic, government, and business partners
- Begin with two sub-topics:
 1. Climate Change and the Development of Integrated Water Systems (<http://www.apru.org/awi/cmas>)
 2. Chronic, Non-Communicable Diseases and the Development of Integrated Public Health Systems (<http://www.apru.org/awi/ph>)



AWI Managing Director, Richard Drobnick, Kyoto U. President Kazuo Oike and Keio U. President Yuichiro Anzai sharing information about AWI's research projects with then Japanese Prime Minister Yasuo Fukuda at the gala dinner celebrating Keio University's 150th Anniversary in June 2008

Recommendation of APEC Business Advisory Council's (ABAC) Sustainability Development Working Group February 12, 2009 (excerpts)

24. *“Mr Richard Drobnick, Managing Director from the APRU World Institute (AWI), presented to the group on the Institute’s upcoming research projects on Climate Change and Public Health. Mr Drobnick outlined that ABAC can assist the Institute on its projects in three ways: 1) recruit business participants to participate in surveys 2) ABAC as a vehicle to assist in publicising and disseminating AWI’s work 3) ABAC as a vehicle to assist AWI in policy recommendations to senior officials and leaders resulting from its studies and research.” **

25. *“The Chairman agreed that ABAC establish a relationship with AWI and the Institute work with the Secretariat to contact members regarding their participation and interest in their upcoming projects.”*

* Note: “Senior Officials” are the ambassadors from the 21 APEC economies who have national responsibilities for APEC activities. “Leaders” are the presidents and prime ministers of the 21 APEC economies.

Pacific Rim Cities: Climate Change Mitigation & Adaptation Strategies

Sponsors:

Chulalongkorn University
Danang Institute of Science & Technology
Kyoto University
National University of Singapore
Tsinghua University

University of California at San Diego
University of California at Santa Barbara
University of Malaya
University of Melbourne
United Nations University

Case Study Cities: Bangkok, Hanoi, Danang, Kuala Lumpur, Melbourne, San Diego, Singapore and Tianjin

- A multi-year research effort focused on the impact of climate change on water availability and alternative mitigation and adaptation strategies being considered by 8 Pacific Rim cities
- Purpose: to build a research collaboration among a trans-Pacific set of APRU/AWI member universities, focusing on common issues posed by climate change and sustainability strategies of 8 Pacific Rim cities

Project: Chronic, Non-Communicable Diseases

Sponsors:

Chinese University of HK
Claremont Graduate University
Fudan University
Hanoi School of Public Health
Johns Hopkins University
Nanjing University
National Taiwan University
National University of Singapore

Peking University
Seoul National University
Stanford University
United Nations University
University of Indonesia
University of Sydney
University of Tokyo
Zhejiang University

Case Study Cities: Beijing, Danang, Hangzhou, Hong Kong, Jakarta, Kuala Lumpur, Los Angeles, Makassar, Nanjing, Riverside (CA), Seoul, Sydney, Taipei, Vientiane and Wuhan

Phase 1: “Macro” studies

- Baseline assessments on the incidence of chronic diseases and on public health research, policy and programming around the Asia/Pacific region

Project: Chronic, Non-Communicable Diseases

Phase 2: “Micro” studies

- “The Challenge of escalating Chronic, Non-Communicable Diseases in the Asia-Pacific Region” – **led by Claremont Graduate University**
- “Comparative study of medical management of diabetes in Pacific Rim cities” – **led by Stanford University**
- “A multi-centre collaborative program to reduce morbidity from cardiovascular disease” – **led by University of Sydney**
- Challenges and opportunities for overcoming health workforce shortage against Chronic, Non-Communicable Diseases threats in the Asia-Pacific Region” – **led by University of Tokyo**

Preliminary Outcomes of AWI Activities

- **Agreement by APEC Business Advisory Council (ABAC) to collaborate with AWI research programs**
Date: February 2009 at ABAC Meeting in New Zealand
- **Hydrological Modeling Training Workshop for Southeast Asia technicians**
Co-Sponsors: University of Malaya, UC San Diego, Asian Development Bank, UNESCAP
Date: August 2009 at University of Malaya
- **Interest from World Bank to receive proposals for financial assistance to support AWI Workshops**
Date: March 2009
- **AWI Public Health Baseline Assessment article drafted (Data from Phase 1: “Macro Studies”)**
Date: June 2009

Preliminary Outcomes of AWI Activities

- **AWI Public Health “Cardiovascular Diseases Collaboration” to be initiated in Summer 2009 (Phase 2: “Macro Studies”)**
Co-Sponsors: University of Sydney, Nanjing University, Chinese University of HK
Date: Summer 2009
- **AWI Public Health Book: “Bridging the Gap Between Academic Public Health & the Public Health Workforce: New Approaches for Advancing Public Health”**
Co-Editors: Meng-Kin Lim (National U of Singapore), Lynn Goldman (Johns Hopkins U)
Publisher: World Scientific (Singapore)
Date: June 2010
- **AWI Climate Change Book (pending confirmation by CMAS Steering Committee in July)**
Tentative Title: “And Not a Drop to Drink: Water, Pacific Rim Cities, and Climate Change”
Co-Editors: Jim Falk (U Melbourne) and Mike Saunders (NUS)
Publisher: World Scientific (Singapore)
Date: June 2010

AWI has developed substantial intellectual assets that might be of interest to an institution that was entrepreneurial enough to want to position itself at the center of ongoing research activities on issues of strategic importance to Pacific Rim cities in which 18 APRU universities (42% of the membership) and 6 non-APRU universities have been investing a substantial amount of dollars and time of their senior researchers

AWI SECRETARIAT ASSETS

- AWI's Membership—42 APRU universities & 2 invited universities
- AWI's Governing Board--five current or former university presidents
- AWI's success in attracting non-APRU university research project participants
- AWI's reputational capital as being an excellent platform for collaborative research on strategic Pacific Rim issues. AWI has attracted 18 APRU universities and 6 non-APRU universities which will have invested about \$1.2 million in direct travel costs and hosting expenses to participate in AWI's workshops and research programs in the 2007-2010 period
- AWI's collaborative relationship with the APEC Business Advisory Council (ABAC)
- AWI's website [www.apru.org/awi]

AWI RESEARCH PROGRAM ASSETS

Climate Change: Helping Pacific Rim cities develop robust adaptation strategies to prepare themselves for changing levels of water availability, in the face of climate change, population growth, and economic development.

Launched: October 2007

Sponsors: 8 APRU universities and 2 non-APRU universities

Theme Director: University of Melbourne Professor Jim Falk

Public Health: Helping Pacific Rim cities develop robust research, training, and outreach programs to effectively combat emerging public health threats.

Launched: November 2008

Sponsors: 12 APRU universities and 4 non-APRU universities

Theme Director: National University of Singapore Professor Meng Kin Lim

Energy & Sustainability: Potential project that might be launched in 2010. Helping Pacific Rim cities develop sustainable energy strategies.



APRU World Institute

Association of Pacific Rim Universities

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AWI

THANK YOU