



the **5<sup>th</sup>**

**APRU WORLD INSTITUTE  
ON CLIMATE CHANGE MITIGATION  
AND ADAPTATION STRATEGIES  
15-19 March 2010**



UNIVERSITAS INDONESIA

**APRU World Institute**

Association of Pacific Rim Universities



## APRU WORLD INSTITUTE ON CLIMATE CHANGE MITIGATION AND ADAPTATION STRATEGIES 15-19 March 2010



## Introduction

University of Indonesia, as a member of the Asia Pacific Rim University (APRU) collaboration, has offered to host APRU World Institute of Climate Mitigation and Adaptation Strategies (APRU-CMAS) meeting which will be held in Jakarta on March 15-17th. This meeting will discuss future collaboration among scientists at those university members on climate change impacts either on mitigation or adaptation strategies. Our focus on this meeting will be on water and climate change. It is expected more than 30 scientists coming from APRU and other invited speakers will share the kinds of research have been carried out and the latest news on science and technology related to mitigation and adaptation in the climate change issues.

In order to benefit of the presence of international scientists passing through Indonesia, University of Indonesia in collaboration with APRU World Institute is going to host the second workshop but back to back with the APRU meeting which will be carried out from March 18-19th at the University of Indonesia

campus in Depok. Indonesia researchers from University and other organisations and AWI-CMAS will share and discuss possible joint research activities in Indonesia on climate change. This workshop will also discuss the latest issue such as the Indonesia proposal to reduce the emission by 26% in 2020, as has been stated by Indonesia President at Copenhagen. As a leading university in Indonesia and member of APRU, University of Indonesia will try to help the Government of Indonesia proposal to the UN meeting in Copenhagen which was to reduce emissions from many possible drivers such as from Land use changes, Forest fires, Fossil Fuels and many other activities. We will learn from each member country presentations during the first phase of the workshop and then those lessons learned can be discussed at the second workshop to generate more interests in Indonesia and hopefully will shape our future climate change research in Indonesia. .

With the complex issues on the Climate change on mitigation and adaptation, there is a need to have



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a think thank center in Indonesia. This think-thank can be hosted at research institutions or the universities where policy formulation, research and education is blending. In November 2007, a big discussion was held at the New York University to discuss the roles of universities facing climate change problems. The meeting resulted in the main roles of universities regarding the climate change as follows:

- The centers for knowledge development, from the theories, concepts, methods, techniques, to application models;
- The centres for learning processes and skill training;
- The initiators of knowledge and skill dissemination to create ways of better thinking, values and behaviour in facing the possibilities of climate change impacts;
- The centres for scientific public services to governments, private sectors, and other public organizations;
- Role models in handling the possibilities of climate change impacts, such as the policies and consumer

behaviour on alternative energy, emission gas reduction, building development techniques, biodiversity conservation;

- Trendsetters of paradigm shifts.

Therefore, in order to enhance the capacity of Indonesian scientist on Climate Change cross cutting issues, especially in relation to mitigation and adaptation, the University of Indonesia and incorporate with APRU AWI will held an International Workshop on Climate Change Mitigation and Adaptation Strategies.

## Outputs

Having 30 international researchers from various university members of APRU World Institute and 30s researchers from the University of Indonesia discussing on latest Climate Change mitigation and adaptation issues, and its consequences for further development might deliver some contributions:





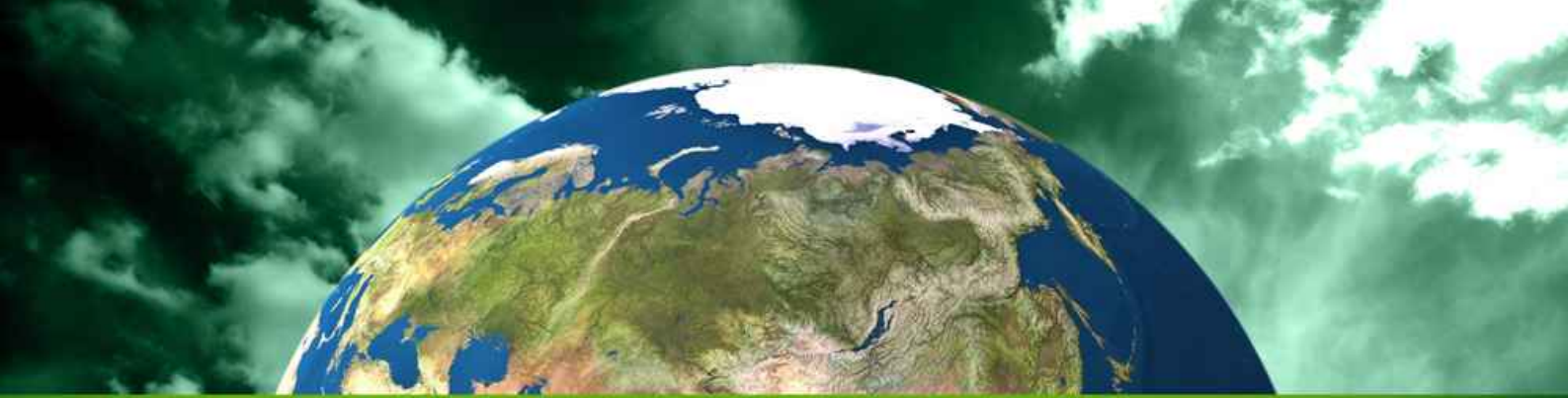
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- Government: enrich and improve PPP (Policy-Plan-Program) design quality as well as its compliance system on undertaking mitigation and adaptation programs.
- University/ research institute: designing research mainstreaming on climate change cross-cutting issues, developing research capacity on climate change, and publishing or disseminating some useful ideas for the beneficiaries of other stakeholders.
- Public/NGO: better awareness and understanding on climate change and improving preparedness level as part of mitigation and adaptation process
- Private/Industry: capturing climate change challenges as part of being corporate citizen and its developing cross-sectors of business opportunities frame (energy, plantation, agriculture, property, transportation, etc.)

## Workshop Program

This Workshop is planned for four days. The first two days would be in Hotel Melia (Jakarta) and the last two days would be at the University of Indonesia campus at Depok-West Jawa. It is a green-campus with six natural lakes and urban forest. The event will be undertaken from 15th to 19th of March 2010. In following is detail program:



**FIRST MEETING:  
APRU WORLD INSTITUTE  
ON CLIMATE CHANGE MITIGATION  
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**International Research Teams Meeting,  
15-17 March 2010, Place : Grand Melia Hotel, Jakarta**  
Steering Group: Dr. Jim Falk (AWI-CMAS Coordinator),  
Dr. Richard Drobnick (AWI Managing Director),  
Dr Jatna Supriatna (University of Indonesia)



<p><b>Monday, 15 March</b> Arrival and Welcome Dinner</p>	<p>Informal welcome Dinner for arriving delegates 7.00 pm</p>
<p><b>Tuesday, 16 March</b> Reports and Progress</p>	<p>Welcome and reports by teams on research developments related to CMAS.</p>
	<p>Introduction to Vulnerability-Mapping Project Proposal.</p>
	<p>Thrust area reports and proposals for future work and funding</p>
<p><b>Wednesday, 17 March</b> Carrying the work forward</p>	<p>Future strategy and research development.</p>
	<p>Further discussion on Vulnerability project</p>
	<p>Book and reports</p>
	<p>Funding prospects</p>
	<p>Wrap- up</p>



**SECOND MEETING:  
APRU WORLD INSTITUTE  
ON CLIMATE CHANGE MITIGATION  
AND ADAPTATION STRATEGIES**

**Workshop on Climate Change After Copenhagen:  
Key Research and Development Priorities for Indonesia.  
(Jointly organised by the University of Indonesia  
and AWI-CMAS)**

**18-19 March 2010. Place: University of Indonesia Campus, Depok**



**Thursday, 18 March**

8.00-9.00	Registration
9.15 - 11.15	Introduction by Chair (5 mins) Current Policy Commitments and Priorities of Indonesia in relation to Climate Change Opening speeches President UI, Min. of Environment and President SBY (30 mins x 3)
11.15 -11.45	Break and (pictures taken of APRU scientists with President.)
11.45- 12.30	Keynote Speaker: Physical implications of climate change for Indonesia (TBD)
12.00-13.00	Lunch and Press Conference
13.00-15.00	Panel Discussion 1. Mitigation Challenges and Responses for Indonesia (Chair : Mr. Agus Purnomo, National Climate Change Council, Co-chair: Richard Drobnick) - Reducing Emissions from Forestry and Landuse change (including REDD) - Reducing Emissions from Agriculture and domestic waste - Reducing Emissions from Industry and using fossil fuels - Reducing Emissions from urban form General discussion Summary Response
15.00-15.30	Coffee Break
15.30-17.00	Panel Discussion 2. Key Adaptation Challenges for Indonesia (Chair: Dr. Wiku Adi Susmianto, Univ. of Indonesia, Co-chair: Dr. Jim Falk) - Including Fire and Flood - Water availability, Food and Health Securities - Adaptation Workshop Results hosted by UI in 2008  including: - Law and Regulation on the adapation - Funding and Financial Engineering - Impact of CC to Human Welfare in Island Ecosystem - Readiness of Government and Society on Adaption General Discussion Summary Response
18.00-20.00	Working Party on a Conference Statement



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**Friday, 19 March**

9.00-12.00	Presentation of Draft Conference Statement Break out groups on key questions raised in statement Reports by Rapporteurs
12.00-13.00	Break and Lunch / Working Party on Conference Statement
13.00-15.00	<p>The Research Contribution</p> <ul style="list-style-type: none"> <li>- The AWI-CMAS Project and UNU Institute Proposal</li> <li>- Previous Researches related to Climate Change at Univ. of Indonesia</li> <li>- Research Priorities on Climate Change in Indonesia</li> <li>- Policy Development and Implementation</li> <li>- Development of the Research Agenda</li> </ul> <p>Presentation of Conference by Conference Chairs</p>
15.30	Closing by President UI.
16.00-16.30	Media interviews and media question and answer



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## Appendix

APRU(Asia-Pacific Rim University).

The APRU World Institute (AWI) was established in 2006 as a platform where leading researchers, policy advisors and business executives from APRU members and other invited institutions could transcend national borders to address issues of regional and global concern with the following, vision and mission.

### Vision

To be a leader in developing knowledge on strategic issues of importance to academic and business leaders and contribute to policy decisions around the Pacific Rim.

### Mission

To contribute to the creation of a peaceful, prosperous, and sustainable community of Pacific Rim Societies. The Governing Board of the AWI is comprised of current and former university presidents. The board provides leadership and guidance in setting the strategic directions for AWI and provides substantial support for AWI workshops.

- Glyn DAVIS, Chair Vice Chancellor, University of Melbourne
- Marye Anne FOX, Chancellor, University of California, San Diego
- Hiroshi MATSUMOTO, President, Kyoto University
- TAN Chor Chuan, President, National University of Singapore
- Zhou QiFeng, President, Peking University
- Richard DROBNICK, Ex-Officio, Managing Director, AWI, University of Southern California
- Kenneth MCGILLIVRAY, Invited Member, Secretary General, APRU

AWI currently consist of 42 APRU and 2 Invited Member universities and research institutions as shown below.







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<p><b>Australia</b></p> <ul style="list-style-type: none"> <li>● Australian National University</li> <li>● University of Melbourne</li> <li>● University of Sydney</li> </ul>	<p><b>Japan</b></p> <ul style="list-style-type: none"> <li>● Keio University</li> <li>● Kyoto University</li> <li>● Osaka University</li> <li>● Tohoku University</li> <li>● University of Tokyo</li> <li>● Waseda University</li> </ul>	<p><b>Russia</b></p> <ul style="list-style-type: none"> <li>● Far Eastern National University</li> </ul>
<p><b>Canada</b></p> <ul style="list-style-type: none"> <li>● University of British Columbia</li> </ul>		<p><b>Singapore</b></p> <ul style="list-style-type: none"> <li>● National University of Singapore</li> </ul>
<p><b>Chile</b></p> <ul style="list-style-type: none"> <li>● University of Chile</li> </ul>	<p><b>Korea</b></p> <ul style="list-style-type: none"> <li>● Korea University</li> <li>● Seoul National University</li> </ul>	<p><b>Thailand</b></p> <ul style="list-style-type: none"> <li>● Chulalongkorn University</li> </ul>
<p><b>China</b></p> <ul style="list-style-type: none"> <li>● Fudan University</li> <li>● Hong Kong University of Science and Technology</li> <li>● Nanjing University</li> <li>● Peking University</li> <li>● Tsinghua University</li> <li>● The University of Hong Kong</li> <li>● University of Science and Technology of China</li> <li>● Zhejiang University</li> </ul>	<p><b>Malaysia</b></p> <ul style="list-style-type: none"> <li>● University of Malaya</li> </ul>	<p><b>United States of America</b></p> <ul style="list-style-type: none"> <li>● California Institute of Technology</li> <li>● Stanford University</li> <li>● University of California, Berkeley</li> <li>● University of California, Davis</li> <li>● University of California, Irvine</li> <li>● University of California, Los Angeles</li> <li>● University of California, San Diego</li> <li>● University of California, Santa Barbara</li> <li>● University of Oregon</li> <li>● University of Southern California</li> <li>● University of Washington</li> </ul>
<p><b>Chinese Taipei</b></p> <ul style="list-style-type: none"> <li>● National Taiwan University</li> </ul>	<p><b>Mexico</b></p> <ul style="list-style-type: none"> <li>● National Autonomous University of Mexico</li> <li>● Tecnológico de Monterrey</li> </ul>	<p><b>Invited Members</b></p> <ul style="list-style-type: none"> <li>● Johns Hopkins University</li> <li>● Swiss Federal Institutes of Technology (ETH)</li> </ul>
<p><b>Indonesia</b></p> <ul style="list-style-type: none"> <li>● University of Indonesia</li> </ul>	<p><b>New Zealand</b></p> <ul style="list-style-type: none"> <li>● University of Auckland</li> </ul>	
	<p><b>Philippines</b></p> <ul style="list-style-type: none"> <li>● University of the Philippines</li> </ul>	



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AWI activities provide opportunities for international groups of multi-disciplinary experts to share their perspectives on strategic issues of importance to academic, business and government policy makers around the Pacific Rim.

An excellent set of APRU and non-APRU intellectual co-sponsors were recruited to develop each workshop. AWI's Governing Board mandate requires that a minimum set of three co-sponsoring institutions, with at least one each from North America, North Asia and Southeast Asia or Australasia, be recruited to design and recruit the expert participants for AWI activities.

