



**Asia-Pacific
Economic Cooperation**

2014/PPSTI2/026
Agenda Item: 7-1-1

Managing Climate Extremes and Hydrologic Disasters: Scientific Prediction and Emergency Preparedness

Purpose: Information
Submitted by: Korea



**4th Policy Partnership on Science, Technology
and Innovation Meeting
Beijing, China
17-19 September 2014**

APEC Climate Center

Managing climate extremes and hydrologic disasters:
Scientific prediction and emergency preparedness

Joe Larsen – APEC Climate Center

APEC Policy Partnership on Science, Technology and Innovation

17 - 19 September 2014

Beijing, China

Overview of the APEC Climate Center



The APEC Climate Center (APCC) is a leading climate information service provider in the Asia-Pacific region. We provide seasonal climate forecasts and other climate information products and services, conduct research and development activities, and organize capacity building initiatives for scientists from developing economies



History of the APEC Climate Center



- KMA proposed the establishment of the APEC Climate Network in **1998**
- In **2005**, during the 13th APEC Economic Leaders' Meeting in Busan, Korea, APCC was formally launched



V I S I O N

APCC strives to strengthen scientific and technological cooperation across the APEC region in order to help economies and societies deal effectively with the consequences of current and future climate-related hazards through the provision of climate information, research and technical support

About the APEC Climate Center



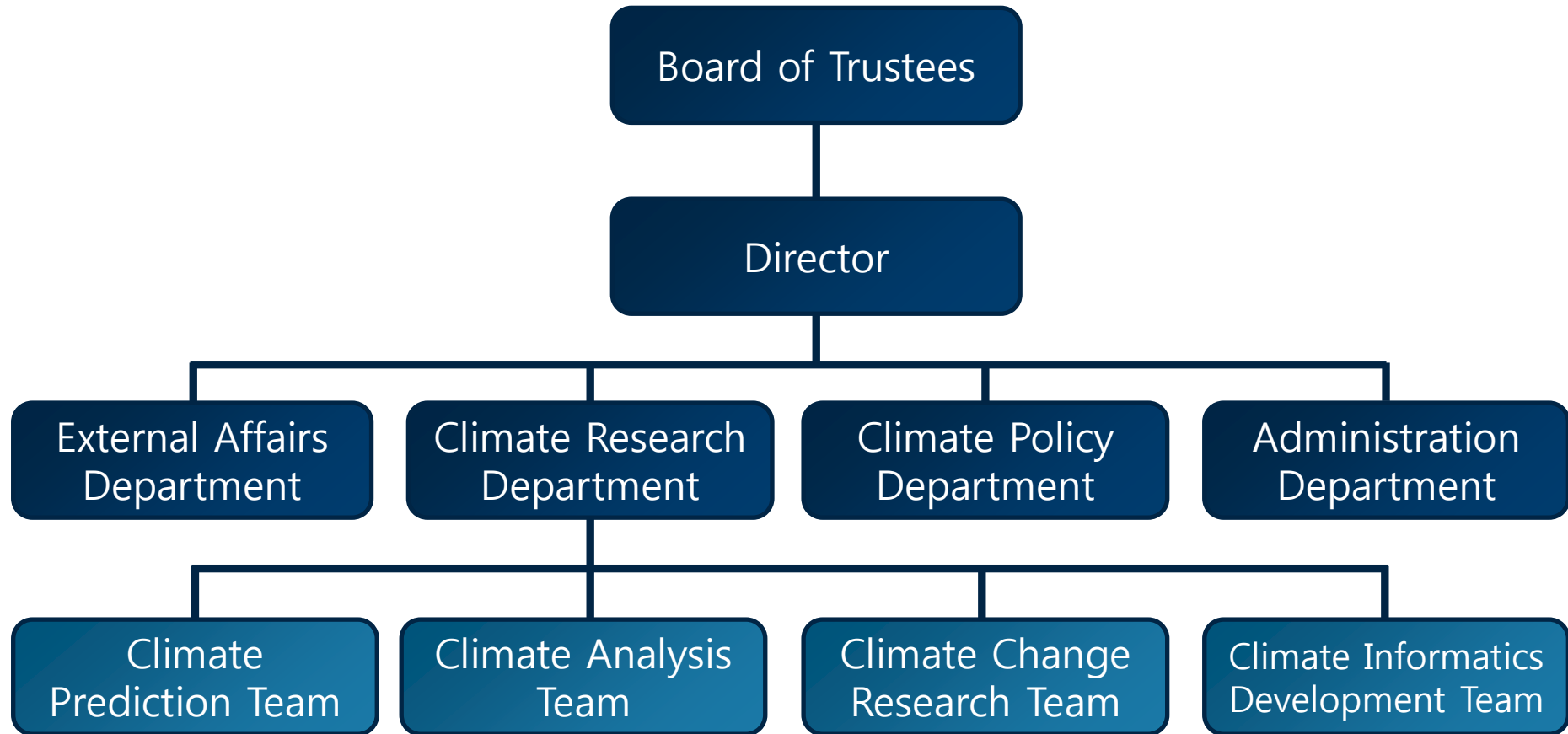
Climate Science: APCC provides monthly seasonal outlooks, climate monitoring and prediction products, and online tools and data services

Capacity Building: APCC engages in various capacity building and training exercises, especially targeting developing economies. These programs include the Young Scientists Support Program and Climate Prediction Training Program



Societal Applications: APCC strives to respond to societal needs and is beginning to create specialized forums and information products for stakeholders in sectors such as Agriculture, Water Resources Management, and Energy

Structure of the APEC Climate Center



APEC Climate Symposium

APCC



- Annual event held since 2005
- Highlights state-of-the-art climate prediction techniques as well as the application of climate information for social welfare and economic prosperity

- 2012: “Harnessing and Using Climate Information for Decision-Making in Agriculture, Water Resource Management and Energy Efficiency” (*St. Petersburg, Russia*)
- 2013: “Regional Cooperation on Drought Prediction Science to Support Disaster Preparedness and Management” (*Jakarta, Indonesia*)

2014 APEC Climate Symposium

Self-Funded

APCC



*Managing climate extremes and hydrologic disasters:
Scientific prediction and emergency preparedness*

October 27-29

**Nanjing University of Information Science
& Technology**



2014 APEC Climate Symposium

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APCC

- The Symposium will explore the nexus between climate, water, and disaster management
- The first day will focus on bridging the gap between climate information providers and water resource managers
- The second and third days will feature sessions divided by hazard type
- The final session will be an expert panel discussion that will explore water resources management
- APCC plans on having around 100 participants and attendees predominantly from APEC member economies. During the planning stages of the Symposium, APCC made a continuous effort to invite experts and officials from APEC economies particularly disaster management officials



2014 APEC Climate Symposium

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Symposium Schedule

Session	Day 1 (October 27)	Day 2 (October 28)	Day 3 (October 29)
Morning	Opening Ceremony	Session III: Managing Risk from Droughts and Water Scarcity	Session V: Climate Impacts on Water Quality
	Session I: Keynote Speeches		
Afternoon	Session II: Climate Forecasting for Water Management	Session IV: Changes in Hydrological Extremes : Floods and Typhoons	Session VI: Wrap-up & Panel Discussion



2014 APEC Climate Symposium

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Participants to include

- Prof. Eric F. Wood, Princeton University, USA
- Dr. Nobuhito Mori, Disaster Prevention Research Institute, Japan
- Dr. Dennis P Lettenmaier, University of Washington, USA
- Dr. Lee-Yaw Lin, National Science and Technology Center for Disaster Reduction (NCDR), Chinese Taipei
- Dr. Liu Zhiyu, World Meteorological Organization, PRC
- Romeo Fajardo, The Philippines National Disaster Risk Reduction & Management Council, Philippines
- Four climate officials from the Government of Australia
- Dr. David Rogers, World Bank, UK
- Experts from APCC

THANK YOU!

