



**Asia-Pacific  
Economic Cooperation**

**The Program for the APCC 2008 annual symposium on  
APEC Climate Center for Climate Information Services to Society  
(2007/BMC2/019-27, IST 01/2008)  
19-21 August 2008, Lima, Peru**

**19 August, 2008**

8.30am-8.55am Coffee

**Inaugural session (9.00 am-9.50am)**

**Photo session 9.50-10.10**

**Key Note Talks**

	Time	Title	Speakers	
1	10.10- 10.40	Seasonal Forecasting in the Provision of Meteorological Services	Dr. Peter Chen	The Chief of Data Processing and Forecasting Systems Weather and Disaster Risk Reduction Services Department of WMO
2	10.40- 11.10	<i>To Be announced later</i>	UKMO	

Break 10 mins.

**Session I** (11.20 am -12.40 pm)

***Issues and challenges in Regional climate prediction, with special attention to South America***

**Chair: Dr. J. J. Carrasco, Chile**

**Rapporteur: Mr. Jamal, Malaysia**

	Time	Title	Speakers	
1	11.20-11.40	Seasonal climate forecast over Northeast Brazil : Evaluation of models and applications	Dr.A. Moura	INMET, Brazil
2	11.40-12.00	How well are Southern Hemisphere teleconnection patterns predicted by seasonal climate models?	Dr. T. Ambrizzi	University of São Paulo Brazil,
3	12.00-12.20	GENERATION OF CLIMATE CHANGE SCENARIOS IN PERU	Eng. Carmen Reyes	SENAMHI, Peru
4	12.20-12.40	Abnormal late season cold surges during Asian winter monsoon 2005	Prof. C.-P. Chang	NPS, USA

12.40-2.00	Lunch Break
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**Session 2** (2.00 pm-3.20 pm)

***Applications of seasonal prediction***

**Chair: Dr. P. D'Nilo, Philippines Met. Agency**

**Rapporteur: Mr. Guswanto, Indonesia**

	Time	Title	Speakers	
5	14.00-14.20	Climate prediction and applications in New Zealand – an update	Dr. J. Renwick	NIWA, New Zealand
6	14.20-14.40	Applications of dynamical seasonal forecasts in Australia	Dr.O.Alvez	BOM, Australia
7	14.40-15.00	JMA's Seasonal Forecast and its Applications	Dr. K. Takahashi	JMA, Japan

8	15.00-15.20	Seasonal Climate Forecasting for Natural Disaster Risk Management	Dr. S. Mason	IRI, USA
15.20-15.40		Coffee break		

**Session 3 (15.40 pm- 17.00 pm)**

***Frontline technologies in seasonal climate prediction***

**Chair: Prof. B. Wang, UH**

**Rapporteur: Dr. Chen, China**

	Time	Title	Speakers	
1	15.40-16.00	Initialization issues of coupled ocean-atmosphere prediction system	Prof. In-Sik Kang	SNU, Korea
1	16.00-16.20	SPAM: a system for prediction and assimilation by a climate model, MIROC, for seasonal to decadal prediction	Prof. M. Kimoto, CCSR	University of Tokyo, Japan
13	16.20-16.40	Update on the NCEP Climate Forecast System (CFS) Development Activities	Dr. J. Schemm	NCEP, USA
14	16.40-17.00	Summary of world modeling summit on seasonal prediction	K. Jin	COLA

## **The working group/SAC meetings, 20 August, 2008**

*The sessions are open to all the participants. The WG meeting begins in the morning. In the afternoon, there will be two parallel sessions, one on WG issues and the other on SAC issues such as international cooperation and APCC science plan etc.*

### **a. The working group Meeting (Open for all participants)**

Opening ceremony: 9.00am-9.20am

Approval of agenda 9.20-9.30 am

Chair: Dr. W-J. Lee

Discussion Item I: 9.30-10.25

### ***OPERATION OF CLIMATE INFORMATION SERVICE BASED ON MULTI-MODEL ENSEMBLE SEASONAL PREDICTION SYSTEM***

**Chair: Dr. K. Takahashi, JMA**

**Rapporteurs: K. Jin, Delegate from Chinese Taipei**

	Time	Title	Speaker(s)	
1	9.30-9.40	(i) Review of climate condition over Asia-Pacific region during 2008  (ii) Performance of MME seasonal prediction at APCC during 2008  (iii) Coupled MME data issues	Dr. K. Ashok	APCC
2	9.40-10.10	Discussion on the above issues		
3	10.10-10.15	Questionnaire on the climate information service	Dr. N. H. Saji	
4	10.15-10.25	Discussion		

10.40 am-13.00 will be a session on international cooperation, the speakers mainly being from the SAC. See the SAC program.

LUNCH 13.00 TO 14.00

Discussion Item II: 14.00-16.15

***CAPACITY BUILDING IN PRODUCING AND USING RELIABLE CLIMATE PREDICTIONS***

Chair: Dr. J. Schemm

Rapporteur: Dr. K. Jin, Mr. Abdul Gani

*a. Working group activities during 2008*

	Time	Title	Speaker(s)	
1	14.00-14.15	Statistical Downscaling Based on Dynamical Models: Application to Seasonal Precipitation in China	Ms. CHEN Lijuan	BCC/CMA, China
1	14.15-14.25	Title to be announced	Mr. Nguyen Dang Quang, Viet Nam	NCHMF
2	14.25-14.35	Title to be announced	Dr. Fontecelli	CMC, Canada
4	14.35-14.45	Title to be announced	Mexico	Mexican NMHS
5	14.45-14.55	Title to be announced	Mr. Swarinato	BMG
6	14.55-15.05	Title to be announced	Thailand	TMD
7	15.05-15.15	Title to be announced	Chinese Taipei	CWB, Chinese Taipei

*b. Capacity building for climate information exchange, current training activities and proposal for improvement*

	Time	Title	Speaker(s)	
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1	15.15-15.35	(i) Current APCC training activities, (ii) Capacity building for climate information exchange –Demo of the downscaling toolkit	Dr. N. H. Saji	APCC
<b>Coffee Break 15.35-15.45</b>				
2	15.45-16.15	<b>Discussion</b>		

Discussion Item III: 16.15-17.30

**FUTURE ACTIVITIES TO IMPROVE CLIMATE INFORMATION SERVICE FOR APEC ECONOMIES**

Chair: Dr. Jim Renwick

**Rapporteur: Dr. Fontecelli, Dr. M-I. Lee**

	Time	Title	Speaker(s)	
1	16.15-16.30	Climate change scenarios in Peru	Maj. Molina	SENAMHI
	16.30-17.45	Discussions		

**b. SAC meetings on 20 Aug., 2008  
(Open for all participants)**

**International cooperation (10.40-13.00)**

**Chair: Dr. O. Alvez**

**Rapporteur: Dr. Behera**

	Time	Title	Speaker(s)	
1	10.40-11.00	Advance and Prospectus of Seasonal Prediction: Assessment of the APCC/CliPAS 14-Model Ensemble Retrospective Seasonal Prediction (1980–2004)	Prof. Bin Wang	UH, USA

2	11.00-11.20	To be announced	Dr. M-Y. Lee	NCEP
3	11.20-11.40	The forthcoming World Climate Conference-3: relevance to APCC	Dr. Kattsov	Voeikov Main Geophysical Observatory, Russia
4	11.40-12.00	Role of Oceans in the Climate Variability and Predictability of the Indo-Pacific Region	Dr. S. K. Behera	FRCGC/JAMSTEC
5	12.00-12.20	Seasonal Predictability and Prediction Studies in COLA	K. Jin	COLA
6	12.20-12.40	To be announced	UKMO	
7	12.40-13.00	Title to be announced	Myrna Araneda F	MeteoChile

Chairs: Profs. A. Moura and and M. Kimoto

<b>1</b>	16.15-16.30	<b>APCC science Plan</b>	Dr. N. H. Saji	
	16.15-17.30:	<b>(I) Discussion of APCC science Plan</b> <b>(II) FUTURE ACTIVITIES TO IMPROVE CLIMATE INFORMATION SERVICE FOR APEC ECONOMIES: Science Issues</b>	SAC members	

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**The working group/SAC meetings, 20 August, 2008**  
**The third Day (21 Aug., 2008) 9.00 am-19.00 hrs**

Chair: Profs. C.-P. Chang

**Special talk**

9.00-9.30	To be announced	Mr. Yung-suh Park	Program Director in APEC Secretariat on APEC Industrial Science & Technology Working Group (ISTWG)
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Plenary session review and coffee break: 9.30 to 10.15

**Chair: Prof. I-S. Kang (for SAC summary) and Dr. K. Takahashi (for WG summary)**

10.15-11.00	SAC summary and discussion	Dr. O. Alvez, and Dr. Behera	BOM, FRCGC
11.00-11.45	WG summary and discussion	Dr. J. Schemm, and K. Jin	NCEP, COLA

**Lunch 11.45-13.00**

**13.00-17.30 Discussions at the local NHMS SENAMHI**

17.30 Closing Remarks and vote of thanks by Maj. Molina/Dr. W-J-. Lee

18.00-20.00: closed group meeting on “The vision for regional cooperation in the next decade”, including the WMO, APEC and APCC, and other interested participants.