

APEC Climate Symposium 2024 August 12 – 14, 2024

TOWARDS A SUSTAINABLE AND RESILIENT SOCIETY
THROUGH ENHANCED ENSO RESPONSES AND PREPAREDNESS

Date

12 (Mon.) – 14 (Wed.) August 2024

Venue

Manchay, Lima Convention Center, Lima, Peru

Host

APEC Climate Center (APCC)
APEC Peru 2024
National Meteorology and Hydrology Service of Peru (SENAMHI)

Language

English / Spanish (Simultaneous Interpretation for Panel Session)

August 12th

Opening Session			
10:00	10:30	Opening Remarks	Do-Shick Shin Executive Director / APEC Climate Center
		Welcome Remarks	Gabriela Teofila Rosas Benancio Executive President / SENAMHI
		Congratulatory Remarks	Carlos Vasquez APEC 2024 SOM Chair / APEC Peru Juan Carlos Castro Vargas Minister of the Environment of Peru
Keynote Session – Impact of Climate Change in Sustainable Growth Perspective (Chair : Hyungjin Kim(Acting Director, Climate Services and Research Division, APCC)			
10:30	11:10	El Nino and its global influence in a warming climate	Shang-Ping Xie Professor / SCRIPPS Institution of Oceanography / University of California San Diego
11:10	11:30	Q&A	
11:30	13:00	Lunch	
Session I – ENSO – Science and Technology (Chair : Hyungjin Kim(Acting Director, Climate Services and Research Division, APCC)			
13:00	13:25	An Update on ENSO at NOAA CPC : Analysis, Perspectives, and Explorations	Michelle L'Heureux Physical Scientist / Climate Prediction Center / NOAA
13:25	13:50	Seasonal and Subseasonal prediction for climate risk management	Andrew Robertson senior research scientist / International Research Institute for Climate and Society (IRI) / Columbia University
13:50	14:15	El Niño diversity impacts in Peru and the effects of climate change	Ken Takahashi Guevara Principal Scientific Researcher / Atmosphere-Ocean Processes and Predictability Division / Geophysical Institute of Peru
14:15	14:40	Coffee Break	
14:40	15:05	Progress in sub-seasonal forecasts- rain on a weekly scale	Yury Wilson Escajadillo Fernandez Climate prediction specialist / Climate prediction subdirection / SENAMHI
15:05	15:30	Favorable environmental conditions forecast for the incidence of crop pest using AI	Wilmer Llano Quispe Agrometeorologist / Agrometeorology Department / SENAMHI
15:30	16:00	Q&A	

August 13th

Session II – ENSO – Impact Assessment and Collaboration (Chair : Sunyong Kim (Research Fellow, Climate Analytics Department, APCC)			
9:00	9:25	Towards a better understanding of ENSO and its impacts	Sang-Wook Yeh Professor / Marine Science and Convergent Engineering / Hanyang University, ERICA
9:25	9:50	Resilience Redefined : the Synergistic Co-Creation of Academia, Local Government, and Communities	Maria del Pilar Cornejo Director / Pacific International Center for Disaster Risk Reduction / Espol Polytechnic University
9:50	10:15	Assessing the Impact of El Nino-Southern Oscillation on Ethiopian Agriculture and Economy : An Integrated Modeling Approach	Jawoo Koo Senior Research Fellow / Transformation Strategies / International Food Policy Research Institute(IFPRI)
10:15	10:40	Coffee Break	
10:40	11:05	Weather thresholds associated with dengue incidence in climate zones of Peru to implement a health climate service	Patricia del Pilar Rivera Giron Climatic Analyst / Climate prediction subdirection / SENAMHI
11:05	11:30	Integrated agrometeorological services for agroclimate risk management in Peru	Greys Otiniano Mego Agrometeorologist / Agrometeorology Department / SENAMHI
11:30	11:55	Impact of ENSO/Climate Change on Human Health and the Role of the IAI in Transdisciplinary Regional Networks and Projects	Mercy J. Borbor Cordova Professor, Faculty of maritime engineering and marine science, ESPOL
11:55	12:25	Q&A	
12:25	14:00	Lunch	
Panel Discussion ENSO – Response and Preparedness			
14:00	16:00	<ul style="list-style-type: none"> • Haris Sanahuja Eduardo, Senior Disaster Risk Management Specialist, Inter-American Development Bank • Juan Bazo, Senior Climate and Data Science Advisor, Americas and Caribbean Climate Lead, Red Cross Red Crescent Climate Centre • David Garcia Howell, Environmental Strategic Manager, CREDICorp. • Juan Manuel Arribas, Executive Director, Hombro a Hombro • Juan Carlos Castro Vargas, Minister of the Environment of Peru • Sang-wook Yeh, Professor, Marine Sciences and Convergent Technology, Hanyang University' 	
16:00	16:10	Closing	

August 14th

SENAMHI Presentation			
9:00	17:00	<ul style="list-style-type: none"> • Atmospheric environmental monitoring in Peru for health and climate change. • Climate change scenarios in Peru, an emphasis in Lima. • El Niño Costero: climate monitoring and challenges in its extreme events prediction. • Extreme events in meteorology and impact based forecasting in temperature. • Applied Research for the Strengthening of Agrometeorological Services • Integrated agrometeorological services for agro-climate risk management in Peru • Updating the hydroelectric potential in Peru for sustainable investments: A present and future evaluation. • Impact based forecasting on hydrogen hazard to improve disaster risk management • Advances and Challenges to International Exchange of Peruvian Data with WMO in WIGOS Frame. 	