

POSTERS

Code	Title	Presenter	Authors
<i>Session 3 Biogeochemical Processes and Climate Interactions</i>			
S3-P-01	Significant Intraseasonal Variability of Surface Chlorophyll-a in the Western Pacific Western Boundary Current System	Zhou Hui	Zhou Hui, Liu Xueqi, Wang Shuo
S3-P-02 Online	Impact of Satellite Chl-a and Other Physical Parameters on Deriving Reliable Export Production Estimates over Indian Ocean	Deshpande Aditi	Deshpande Aditi, Uchale Gayatri, Aslekar Rama, R Smitha, Valsala Vinu
S3-P-03	A Strategic Approach to Marine Protected Areas Based on Larval Connectivity in the Lombok Strait	Kartadikaria Aditya R.	Santosa Dhafin Delano Rizqi, Sudirga G.A.V. P., Kartadikaria Aditya R.
S3-P-04	Climate Variability as a Driver of Coastal Ecosystem Stressors in the Coral Triangle: A Case Study from the Derawan Islands, Indonesia	Faruq Khadami	Faruq Khadami, Tarya Ayi, Radjawane Ivonne M, Anwar Iwan P
S3-P-05 Online	Assessing Carbon Sink Dynamics in India: Projections from Climate Models	Gupta Smrati	Gupta Smrati, Tiwari Yogesh
S3-P-06	«Blue carbon» is an overlooked carbon sink under climatic change	Bobrik Anna	Bobrik Anna, Krasilnikov Pavel

Session 4 Atmospheric Processes And Climate Dynamics 2

<i>S4-P-01</i>	Introducing TBIMIP: The Tropical Basin Interaction Model Intercomparison Project	Richter Ingo	Richter Ingo, Kido Shoichiro, Tozuka Tomoki, Kosaka Yu, Chang Ping, Tokinaga Hiroki
<i>S4-P-02</i>	Land surface feedback and rainfall bias in the dynamical models with different physical parametrizations	Gautam Pratibha	Gautam Pratibha, Chattopadhyay Rajib, Joseph Susmitha, Sahai Atul Kumar
<i>S4-P-03</i>	Modulation of Diurnal Rainfall Cycle by BSISO during Boreal Summer over western part of Indonesia and Southeast Asia	Permana Donaldi	Permana Donaldi, Hidayanto Nurdeka
<i>S4-P-04</i>	The influence of intraseasonal oscillations on rainfall variability over Central Africa: case of the 25–70 days variability	Wamba Tchinda Claudin	Wamba Tchinda Claudin, Alain Tchakoutio Sandjon, Vondou Derbetini A., Djiotang Tchotchou Angennes Lucie, Nzeudeu Siwe Audryck, Nzekou Armand
<i>S4-P-05</i>	Modelling the extreme rainfall and land use land cover change induced flood hazard vulnerability in the north-eastern region of Bangladesh	Islam Md. Anowarul	Islam Md. Anowarul, Terao Toru
<i>S4-P-06</i>	Long-term rainfall variability along the west coast of India and its teleconnections	Manjunatha Busnur	Manjunatha Busnur, Jose Jithin, Kumar Prashantha, Ramaraju Hk

Session 5 Ocean-Climate Observations And Modelling 2

S5-P-01	Regional water mass transformation due to global climate change	Stanev Emil	Stanev Emil
S5-P-02	Diffusive and Adiabatic Meridional Overturning Circulations in the Cooling Abyss of the Indo-Pacific Ocean	Han Lei	Han Lei
S5-P-03	Study of the Depth of Thermocline (DOT) Based on Planktonic Foraminifera Abundance During the Younger Dryas Period in the Makassar Strait	Rachmayani Rima	Rachmayani Rima, Harahap Muhammad Abyan Nauli, Hendrizan Marfasran
S5-P-04	A Fully Coupled High-Resolution Ocean-Atmosphere Model around the Lombok Strait	Kartadikaria Aditya R.	Akram Nafiis Abdillah, Bitya M.D. , Trilaksono N.J., Kartadikaria Aditya R.
S5-P-05	A new ocean regional projection dataset with 10 km resolution for the North Pacific d4PDFv2-Ocean and its application to coastal downscale modeling around Japan	Urakawa Shogo	Urakawa Shogo, Nakano Hideyuki, Toyoda Takahiro, Aoki Kunihiro, Kawakami Yuma, Usui Norihisa, Hirose Nariaki, Sugiyama Toru, Kurogi Masao, Nishikawa Shiro, Sakamoto Kei, Ushijima Yusuke, Tsujino Hiroyuki
S5-P-06	Ocean modelling for climate research: the role of the CLIVAR OMDP	Iovino Dorotea	Iovino Dorotea, Chouksey Manita , Members OMDP
S5-P-07 Online	Seasonal and Interannual Variability of Freshwater Flux in the Labrador Coastal Current: Insight from OSNAP Mooring Data	Hossain Md Shahadat	Hossain Md Shahadat, Cyr Frederic

Session 6 Artificial Intelligence: Role in Climate-Ocean Research and Prediction

<i>S6-P-01</i>	Machine learning-based long-term spatial reconstruction of surface total alkalinity for the northern Indian Ocean	Apurva P Joshi	Apurva P Joshi, Ghoshal Prasanna, Chakraborty Kunal, Roy Rajdeep, Chiranjivi Jayaram, B Sridevi, Sarma V.V.S.S
<i>S6-P-02</i>	Hybrid Model Based on MCS Numerical Scheme and ANN Artificial Intelligence for Simulation and Risk Evaluation of Coastal Erosion in South Bali	Dharmawan Komang	Dharmawan Komang, Swastika P. V., Gautama I.P. W. Wijayakusuma I.G. N.L.
<i>S6-P-03</i>	Ocean Prediction Model for SSH and SST in the Western Indian Ocean using Deep Learning Technique	Maggero Balla	Maggero Balla
<i>S6-P-04 Online</i>	Role of Artificial Intelligence and Remote Sensing (AIRS) to study the Air-Sea CO ₂ exchange and Aquatic toxicology to develop physicochemical and Spectroscopic methods, to Control Water Aquatic Pollution	Goswami Virendra	Goswami Virendra

Session 7 Cascading and Compound Event inc. Climate Variability and Change

S7-P-01	Unique Patterns of the Indian Ocean Dipole events since 2019	Makarim Salvienty	Makarim Salvienty, Santoso Agus, Yu Weidong, Ratnawati Herlina Ika, Sulaeman Albertus, Yulihastin Erma , Pranowo Widodo
S7-P-02	Assessing the impact of Western Central Pacific SST anomalies on rainfall over Indonesia	As-Syakur Abd. Rahman	As-Syakur Abd. Rahman
S7-P-03	Monitoring ENSO under a warming climate: Southeast Asia Perspective	Turkington Thea	Turkington Thea, Tan Wee Leng, Schwartz Chen, Chakraborty Paromita, Peatman Simon, Moise Aurel
S7-P-04 Online	Evapotranspiration in a Changing Climate: A Multi-Parameter Analysis of Recent Trends and Seasonal Variations	Hasanapuram Sushmitha	Hasanapuram Sushmitha, Krishna Reddy Krishnareddigari
S7-P-05	Spatial-temporal characteristics of glacier cover over mountains of eastern Africa region	Mbithi Daniel	Mbithi Daniel , Opijah Franklin, Nzioka John, Onwong'a Richard
S7-P-06 Online	Spatial and temporal variability of extreme rainfall events and their precursor features over Peninsular Malaysia	Chenoli Sheeba	Chenoli sheeba, Nur 'aliyah alzian, Mohd Fadzil firdzaus Mohd Nor, Abu Samah azizan, Jeong Yike diong

Session 8 Ocean Processes and Extremes 1

<i>S8-P-01 Online</i>	The dynamical mechanisms controlling the equilibrium state transition within the Mindanao-New Guinea Confluence	Yuxuan Li	Yuxuan Li, Dezhou Yang
<i>S8-P-02</i>	Characteristics of Non-Linear Internal Waves in the Nusa Penisa Sill, Lombok Strait and the Influence of the Indonesian Throughflow	Musyaffa Ahdan	Musyaffa Ahdan, Kartadikaria Aditya R.
<i>S8-P-03</i>	Salinity characteristics during Marine Heatwaves in Bay of Bengal	Singh Shikha	Singh Shikha, Sprintall Janet

Session 9 Societal Impact 1

<i>S9-P-01</i>	Climate Change induced Sea Level Rise and Coastal flooding Vulnerability in Chennai region, TamilNadu	Sudharson G	Sudharson G, Muthiah Krishnaveni
<i>S9-P-02 Online</i>	Gaps and Challenges in Addressing the Societal Impact of Climate Variability and Climate Change in the Indian Coastal Metropolitan City due to Interactions with Complex Ocean and Atmospheric Processes: An Example of Bridging Science and Society in Southeast Asia and Beyond	Mandal Shailendra	Mandal Shailendra, Rani Supriya

<i>S9-P-03</i>	Risk of Extreme Precipitation on Dam Infrastructure under changing climate over India	Aadhar Saran	Tiwari Mayank, Aadhar Saran
<i>S9-P-04</i>	Tidal reconstruction of three cruise ships harbouring simultaneously in Benoa harbour in respect to modern navigation file S-100	Kartadikaria Aditya R.	Surya Dharma Candrasa, Mahendro Yudhono Albert, Muhammad Kelvin Filan, Kartadikaria Aditya R.
<i>S9-P-05</i>	Seawater Ingress Monitoring at River mouths due to tidal dynamics	Muthiah Krishnaveni	Muthiah Krishnaveni
<i>S9-P-06</i>	Climate Variability and Predictability of the Mediterranean: research progress and climate change impacts in the MENA region	Badiaa Chelli	Badiaa Chelli
<i>S9-P-07</i>	Water security through science -based cooperation and Echo-hydrology for sustainability	Elemide Oyebola Adebola	Elemide Oyebola Adebola
<i>S9-P-08</i>	Science to Society: An Educational Model for Climate Resilience in Bangladesh and its Potential for Regional Application	Deb Biplob	Deb Biplob, Rozario Dr. Hemanto Pius