Poster Presentation

P01. Impacts of Climate Change on Hydrological Drought in Japan: Insights from Nationwide River Discharge Projections (Masamichi Ohba)

P02. Synoptic weather pattern based evaluation of climate change impacts on snowfall during the 2024/2025 winter in Japan (Kenta Tamura)

P03. Future changes of extreme snowfall in Japan by 5km mesh large-scale regional climate ensemble simulation (Takeshi Yamazaki)

P04. Regimes of precipitation change in Europe and the Mediterranean, between change of occurrence and intensity (ANDRE Julie)

P05. Typhoon intensity long-term reanalysis (Kosuke Ito)

P06. Future changes in Rapid Temperature Drop Events in the CORDEX-East Asia Phase II experiments (Young-Hyun Kim)

P07. Future projection of Yamase with large ensemble simulations using the 5-km regional climate model (Shin-ichi Suzuki)

P08. Detecting Nonstationarity in Extreme Rainfall Time Series Using a Probability Limit Method Test: A Nationwide Assessment in Japan (Keita Shimizu)

P09. Analysis of the Spatiotemporal Variation and Future Change of High Temperature Events at Night by Using Regional Climate Model (Chieko Suzuki)

P10. Seasonal Piecewise GEV Modeling of Extreme Winds over Japan under +1.5 K, +2 K, and +4 K Warming Using d4PDF Large Ensembles (Muhammad Aslam Mohd Safari)

P11. Risk-based event attribution of 2020s extreme rainfall in Japan: A hotspot on the Sea of Japan side of Tohoku (Daisuke Hatsuzuka)

P12. Projected Amplification of Compound Moist Heatwave–Precipitation Events in the Greater Mekong from 9 km High-Resolution BCCAQ-Downscaled CMIP6 Projections (Nguyen Ngoc Kim Hong)

P13. Climate Change Exacerbates Worst-Case Heavy Rainfall Scenarios (Yusuke Hiraga)

P14. Line-shaped MCSs are increasing in Northern Japan (Ryotaro Tahara, Yusuke Hiraga*)

P15. Evolution of Regional Heatwave Circulation Characteristics in Taiwan Under Warming Scenarios: An Event-Based Analysis (Yu-Shiang)

P16. Global Assessment of Future Maximum Potential Storm Surge Height Using CMIP6 HighResMIP (Yuichiro Suzuki)

P17. Advancing Climate Impact Assessment: Methodological Refinements to a Statistical Crop Model for Maize Yield Projection (Javier E. Sanchez-Galan)

P18. Verification, bias-correction and future projection for 50-year return values of 10 m wind at 10 locations in Japan, based on d4PDF (Lee Shao-Yi)

P19. Added Value of CORDEX-CORE-Based Regional Climate Downscaling in Simulating East Asian Climate (Ui-Jeong Han)

P20. Understanding Winter Temperature Biases over Northeast Asia: Insights from Air–Sea Coupled Regional Climate Modeling (Seok-Woo Shin)

P21. Ocean Spin-Up Effects on Coupled Regional Climate Simulations over CORDEX East Asia (Junseo Park)

P22. Application of TaiESM1 to High-resolution Simulations (Wei-Liang Lee)

P23. How to deal with SMLEs for extreme value analysis?: max-stability analysis of extreme rainfall and river discharge based on d4PDF (Tomohiro Tanaka)

P24. Developing high-resolution large-ensemble simulation product of ocean future climate change in the North Pacific (Shiro Nishikawa)

P25. Machine-Learning-Based Downscaling toward Physically Consistent High-Resolution Climate Scenarios (Noriko Ishizaki)

P26. Introduction of A-PLAT (Naota Hanasaki, Noriko Ishizaki*)

P27. Bridging the Gap: High-Resolution Marine Climate Change Simulation and Fishery Application in Taiwan (Chihchung Chou)

P28. Impact of Solar Radiation on a Nighttime Heavy Rainfall Event over Kyushu on July 3–4, 2020 (Sachiho A. Adachi)

P29. Upper-ocean warming in the subtropical North Pacific Ocean due to the intensified Kuroshio Extension in the eddying model compared to the non-eddy-resolving model (Yusuke Ushijima)

P30. Regional Frequency and Seasonal Progression of Atmospheric Fronts and Associated Air Masses in Japan, Northwestern Pacific (Maki Miyamoto)

P31. Long-Term Global Wave Statistical Analysis Based on d4PDF Dataset (Zuorui Lyu)

P32. Low-Flow Prediction and Analysis of Drought Drivers in a Managed Basin Using Land Modelling and Machine Learning (Aulia F. A. Tinumbang)

P33. Detecting Historical Climate Change Impact on Extreme Rainfall and Flood Discharge Based on Dynamical Downscaling of ERA5: a Case Study in Kuma River Basin, Japan (Sarawut)

P34. Estimating joint probability of multiple river flooding with causation of rainfall systems using d4PDF (Saisei Uchimura)

P35. Analysis of Future Change in Spatiotemporal Precipitation Patterns in the Yodo River Basin Using Clustering (Suita Kazuma)

P36. Development of a Three-dimensional groundwater flow model for application to large scale problems (Yosuke Miura)

P37. A Method of Dam Discharge Determination Based on Model Predictive Control Using Observed and Forecasted Rainfall (Eisuke Watanabe)

P38. A case study on the effective development of coastal protection facilities considering future uncertainties (Kohei Hamaguchi)

P39. Development of urban canopy and building energy model and its applications for climate change adaptation and mitigation in cities (Yuya Takane)

P40. Climate Change Adaptation Platform: Development & Services (LIU XING YU)

P41. How Disaster Information Flows: Gaps, Consequences, and Pathways for Improvement (Sanjay Saifi)