

Workshop on Understanding the Pan-Pacific Anthropocene

Date:

Saturday, October 27, 2018

Venue:

B1 Conference Room, Department of Geosciences, National Taiwan University | 臺大地質系地下大講堂

Session 1: Modern and proxy records (1) | 現代觀測與代用指標紀錄 (1)

9:00 **Dr. Huang-Hsiung Hsu, 許晃雄, Research Center for Environmental Changes, Academia Sinica**
Reduced TC activity and enhanced anticyclone in the WNP in a warmer world-projection and mechanism

9:30 **Dr. Ashish Sinha, Dept. of Earth Sciences, California State University**
Anthropogenic forcing of Indian Summer Monsoon

10:00 **Dr. Stacy Carolin, Institute of Geology, University of Innsbruck**
Understanding the selective western tropical Pacific rainfall response to abrupt climate events sourced from the North Atlantic

Session 2: Modern and proxy records (2) | 現代觀測與代用指標紀錄 (2)

10:50 **Dr. Yusuke Yokoyama, Atmosphere and Ocean Research Institute, The University of Tokyo**
Climate change and anthropogenic environmental signals captured in high-resolution coral skeletal geochemistry

11:20 **Dr. Kristine DeLong, Dept. of Geography and Anthropology, Louisiana State University**
Hydroclimate change from corals and other paleoclimate archives: Insights from the CoralHydro2K and Iso2K Synthesis Projects

11:50 **Dr. Shaw-Chen Liu, 劉紹臣, Institute for Environment and Climate Research, Jinan University**
An observation-based perspective of winter haze days in four major polluted regions of China

Session 3: Historic and archaeological records | 歷史與考古紀錄

14:00 **Dr. Pao-Kuan Wang, 王寶貴, Research Center for Environmental Changes, Academia Sinica**
Construction of the REACHES climate database based on historical documents of China

14:30 **Dr. Ivy Hui-Yuan Yeh, 葉惠媛, School of Humanities, Nanyang Technological University**
The desertification of the ancient oases in Han dynasty (202 BC–220 AD) in Northwestern China

15:00 **Dr. Felicia Beardsley, College of Arts and Sciences, University of La Verne**
Charting climate change in the archaeological record of the Western Pacific

Session 4: Biodiversity and geohazards | 生物多樣性與地質災害

15:50 **Dr. I-Ching Chen, 陳一菁, Dept. of Life Sciences, National Cheng Kung University**
Winter monsoon counteract the hydroclimatic influences of cloud in tropical Asia montane forest

16:20 **Dr. Tso-Ren Wu, 吳祚任, Graduate Institute of Hydrological & Oceanic Sciences, National Central University**
If the 1960 Chile tsunami event had occurred in a different location along the Peru-Chile Trench



Online registration

Organizers / sponsors



National Taiwan University Research Center for Future Earth
Department of Geosciences, National Taiwan University
Research Center for Environmental Changes, Academia Sinica
Preparation Committee of the Association of Pan Pacific Anthropocene
Quaternary Research Group, Geological Society Located in Taipei