

# Agenda

**NOV. 16<sup>TH</sup>, MORNING**      **CONFERENCE HALL, 3<sup>RD</sup> FLOOR, BUILDING 2, NANQI HOTEL**

<b>08:30-09:00</b>	<b>Registration</b>
<b>09:00-09:30</b>	<b>Opening Ceremony</b> <span style="float: right;"><b>Chair: Zhihong Jiang</b></span>
<b>09:00-09:20</b>	Opening remarks
<b>09:20-09:30</b>	<b>Photo</b>
<b>09:30-12:20</b>	<b>Session I-1 (6 presentations)</b> <span style="float: right;"><b>Chair: Tim Li</b></span>
<b>09:30-10:00</b>	<b>Yihui Ding (National Climate Center, China Meteorological Administration)</b> Long-term variations of the global circulation and the driving effect of the Asian summer monsoon
<b>10:00-10:50</b>	<b>Bin Wang (University of Hawaii/NUIST)</b> How much will global monsoon change by the end of 21st century?
<b>10:50-11:00</b>	<b>Coffee Break</b>
<b>11:00-11:20</b>	<b>Zhihong Jiang (NUIST)</b> Comparative analysis of CMIP6 and CMIP5 for simulating the indices of climate extremes over China
<b>11:20-11:40</b>	<b>Yongyun Hu (Peking University)</b> Simulation studies of monsoon evolution over the last 250 million years
<b>11:40-12:00</b>	<b>Renguang Wu (Zhejiang University)</b> Projected changes in boreal spring climate over mid-high latitude Eurasia in a 1.5°C and 2°C warmer world
<b>12:00-12:20</b>	<b>Ying Sun (National Climate Center, China Meteorological Administration)</b> Detection and attribution of temperature and precipitation extremes based on CMIP6
<b>12:30</b>	<b>Lunch</b>

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NOV. 16<sup>TH</sup>, AFTERNOON CONFERENCE HALL, 3<sup>RD</sup> FLOOR, BUILDING 2, NANQI HOTEL

<b>14:00-17:40</b>	<b>Session I-2 (11 presentations)</b>	<b>Chair: Jian Cao</b>
<b>14:00-14:20</b>	<b>Ho Nam Cheung (Sun Yat-sen University)</b> Projected uncertainties in northern winter climate: role of interhemispheric sea surface temperature gradient and Arctic sea ice cover	
<b>14:20-14:40</b>	<b>Shijie Zhou (Institute of Atmospheric Physics, Chinese Academy of Sciences)</b> Relationship between the tropical Pacific SST and rainfall biases in CMIP5&6 models: the role of Laplacian of SST	
<b>14:40-15:00</b>	<b>Lu Wang (NUIST)</b> Convectively coupled Kelvin waves (CCKWs) in CMIP5 and CMIP6 coupled climate models	
<b>15:00-15:20</b>	<b>Lin Chen (NUIST)</b> Projecting ENSO amplitude change under global warming	
<b>15:20-15:40</b>	<b>Guosen Chen (NUIST)</b> Future changes of MJO and its diversity under global warming	
<b>15:40-16:00</b>	<b>Coffee Break</b>	
<b>16:00-16:20</b>	<b>Young-Min Yang (NUIST)</b> Diversity in extreme El Nino according to El Nino- or La Nina-like climate change and its potential impact on precipitation under a future warmer climate condition	
<b>16:20-16:40</b>	<b>Xiangjun Shi (NUIST)</b> Comparison of anthropogenic aerosol climate effects among three climate models based on CMIP6 protocol	
<b>16:40-17:00</b>	<b>Bo Sun (NUIST)</b> Interdecadal variation of the relationship between East Asian water vapor transport and tropical Pacific sea surface temperatures during January and associated mechanisms	
<b>17:00-17:20</b>	<b>Chao Wang (NUIST)</b> Future changes of the monsoon trough: sensitivity to sea surface temperature gradient and implications for tropical cyclone activity	
<b>17:20-17:40</b>	<b>Liang Qiao (Fudan University)</b> Variation of surface air temperature in the eastern hemisphere to the north of the equator and its possible causes	
<b>17:40-18:00</b>	<b>Fei Liu (NUIST)</b> Twentieth-century Asian drought in multiple models	
<b>18:10</b>	<b>Dinner</b>	

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<b>09:00-11:40</b>	<b>Session II-1 (7 presentations)</b>	<b>Chair: Fei Liu</b>
<b>09:00-09:20</b>	<b>Jianping Li (Ocean University of China/Qingdao National Laboratory for Marine Science and Technology)</b> Impact of the South China Sea summer monsoon on the Indian Ocean Dipole	
<b>09:20-09:40</b>	<b>Tim Li (University of Hawaii/NUIST)</b> How would global warming impact ENSO precipitation and MJO?	
<b>09:40-10:00</b>	<b>Zhiyan Zuo (Chinese Academy of Meteorological Sciences, China Meteorological Administration)</b> Soil moisture and East Asian summer monsoon	
<b>10:00-10:20</b>	<b>Coffee Break</b>	
<b>10:20-10:40</b>	<b>Jing-Jia Luo (NUIST)</b> Understanding CMIP5 models' failure in reproducing the recent Pacific cooling	
<b>10:40-11:00</b>	<b>Botao Zhou (NUIST)</b> Interannual variability of the East Asian summer rainfall and associated atmospheric circulations: CMIP5 simulation and projection	
<b>11:00-11:20</b>	<b>Chao Li (East China Normal University)</b> Rapid warming in summer wet bulb globe temperature with human-induced climate change	
<b>11:20-11:40</b>	<b>Chao He (Jinan University)</b> Distinct responses of Asian monsoon rainfall and North American monsoon rainfall to global warming	
<b>11:45</b>	<b>Lunch</b>	

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<b>14:00-17:40</b>	<b>Session II-2 (9 presentations)</b>	<b>Chair: Young-Min Yang</b>
<b>14:00-14:30</b>	<b>George Philander (Princeton University)</b> Why is the ITCZ north of the equator?	
<b>14:30-14:50</b>	<b>Matthew England (University of New South Wales)</b> Recent and future changes in the oceans surrounding Antarctica	
<b>14:50-15:10</b>	<b>Wenju Cai (Centre for Southern Hemisphere Oceans Research, CSIRO Oceans and Atmosphere)</b> ENSO under greenhouse warming	
<b>15:10-15:30</b>	<b>Swadhin Behera (Japan Agency for Marine-Earth Science and Technology)</b> Climate variability and its applicability under the stress of global warming	
<b>15:30-16:00</b>	<b>Coffee Break</b>	
<b>16:00-16:20</b>	<b>Takeshi Doi (Japan Agency for Marine-Earth Science and Technology)</b> Stochastic wind bursts and their roles on the ENSO prediction ~ lessons learned from the false prediction of the 2014 El Niño event ~	
<b>16:20-16:40</b>	<b>Tomoki Tozuka (University of Tokyo)</b> Potential changes in Ningaloo Niño associated with global warming	
<b>16:40-17:00</b>	<b>Shoshiro Minobe (Hokkaido University)</b> Mechanisms of future changes in equatorial upwelling: CMIP5 inter-model analysis	
<b>17:00-17:20</b>	<b>In-Sik Kang (Second Institute of Oceanography)</b> Some issues on climate modelling	
<b>17:20-17:40</b>	<b>Saji Hameed (University of Aizu)</b> On the role of Indian Ocean Dipole on eastern Pacific SST warming events and El Niño diversity	
<b>18:00</b>	<b>Dinner</b>	