

“热带海洋与气候变化学术研讨会”

第一轮通知

2016.11.3--2016.11.5, 广东 深圳



一、会议背景

为积极推动实施国家“一带一路”倡议，加强与海上丝绸之路国家与地区在热带海洋、气候变化方面的科技交流与合作，国家自然科学基金委员会与中国科学院南海海洋研究所热带海洋环境国家重点实验室，联合国家海洋局第一海洋研究所、国家海洋局第二海洋研究所、中国科学院大气物理研究所、中国科学院海洋研究所、中国科学院青藏高原研究所、国家海洋环境预报中心、中国气象科学研究院、广东省气象局、中国海洋大学、复旦大学、南京大学、厦门大学、中山大学、兰州大学、南京信息工程大学、中国人民解放军理工大学、华东师范大学、河海大学等单位的相关实验室和职能部门，拟举办“热带海洋与气候变化学术研讨会”，针对热带海洋与季风在ENSO等事件发展过程中的变异特征和规律，探讨其发生和发展的机理。本次会议得到“热带海洋环流动力学”创新研究群体科学基金项目和中国科学院海洋先导专项等项目的资助。

会议拟定于2016年11月3-5日在广东深圳举行，会议将邀请有关部委领导、使用海洋环境气候服务产品的有关部门领导和国内外知名专家与会，促进科学研究与实践应用的有效对接。

二、学术指导委员会主席：李崇银

组委会主席：王东晓

组委会成员：王东晓、刘哲、王桂华、袁东亮、黄建平、周天军、端义宏、王彰贵、魏泽勋、林霄沛、张锐、梁建茵、杨崧、马耀明、柴扉、谈哲敏、江志红、费建芳、高抒、齐义泉

三、会议组织

主办单位：

- 国家自然科学基金委员会地球科学部
- 中国科学院南海海洋研究所

承办单位：

- 热带海洋环境国家重点实验室
- 中国科学院 中国-斯里兰卡联合科教中心

协办单位：

- 复旦大学 大气科学研究院
- 中国科学院海洋研究所 海洋环流与波动重点实验室
- 兰州大学 大气科学学院
- 中国科学院大气物理研究所 大气科学和地球流体力学数值模拟国家重点实验室
- 中国气象科学研究院
- 国家海洋环境预报中心
- 国家海洋局第一海洋研究所 物理海洋重点实验室
- 中国海洋大学 物理海洋教育部重点实验室
- 厦门大学 近海海洋环境国家重点实验室
- 广东省气象局
- 中山大学 大气科学学院
- 中国科学院青藏高原研究所
- 国家海洋局第二海洋研究所 卫星海洋环境动力学国家重点实验室
- 南京大学 大气科学学院
- 南京信息工程大学 大气科学学院
- 中国人民解放军理工大学 气象海洋学院
- 华东师范大学 河口海岸国家重点实验室
- 河海大学 海洋学院

四、分会信息

本次研讨会拟就相关科学问题开展研讨，为深入开展热带海洋与气候变化的动力学研究指明方向。会议将设4个分会：

- (1) 海气相互作用与气候变化（分会主席：王鑫）
- (2) 东亚季风变化与热带海洋（分会主席：杨崧）
- (3) 海洋环流动力学（分会主席：袁东亮）
- (4) 气候变化下的海洋环境响应（分会主席：柴扉）

五、支持项目

- 中国科学院海洋先导专项“热带西太平洋海洋系统物质能量交换及其影响”
- 中国科学院海洋先导专项项目一“主流系与西太平洋暖池变异机制及其气候效应”
- 国家自然科学基金委员会创新研究群体科学基金“热带海洋环流动力学”
- 中国科学院创新国际团队“热带海洋环流多尺度动力过程”
- 中国科学院发展中国家科教合作拓展工程项目“中斯联合科教中心”

六、会议秘书组

姚景龙、邢亚琳、吴泽文、陈敏仪、何倩筠

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“Tropical ocean and climate change workshop”

First Announcement

2016.11.3--2016.11.5, Shenzhen, Guangdong



1. Scientific Background

To actively promote the implementation of the “One Belt, One Road” initiative, and strengthen the technical communication and cooperation in tropical ocean and climate change with the countries along maritime Silk Road. A joint workshop on “Tropical ocean and climate change workshop” has been organized by National Natural Science Foundation of China (NSFC) and The South China Sea Institute of Oceanology, Chinese Academy of Sciences (CAS), together with the related laboratories of The First Institute of Oceanography, State Oceanic Administration (SOA), Second Institute of Oceanography, SOA, Institute of Atmospheric Physics, CAS, Institute of Oceanology, CAS, The Institute of Tibetan Plateau Research, CAS, The National Marine Environmental Forecasting Center of State Oceanic Administration, Chinese Academy of Meteorological Sciences, Guangdong Meteorological Service, Ocean University of China, Fudan University, Nanjing University, Xiamen University, Sun Yat-sen University, Lanzhou University, Nanjing University of Information Science & Technology, PLA University of Science and Technology, East China Normal University, and Hohai University. The workshop will focus on the variabilities of the tropical ocean and monsoon during ENSO events and the underlying mechanisms. The workshop is supported by the foundation of Innovative Research Groups of the NSFC (Tropical ocean circulation dynamics) and the Strategic Priority Research Program of the CAS.

The workshop will be held at Shenzhen Guangdong, on 3-5, November, 2016. Related leaders of Ministries and commissions, leaders of the divisions that used marine environmental and climatic product, and national and international well-known research scientists will be invited to stimulate the optimal connection between scientific research and application.

2. Chairman of the Academic Committee : Chongyin Li

Chairman of the Organizing Committee : Dongxiao Wang

Members of the Organizing Committee : Dongxiao Wang, Zhe Liu, Guihua Wang, Dongliang Yuan, Jianping Huang, Tianjun Zhou, Yihong Duan, Zhanggui Wang, Zexun Wei, Xiaopei Lin, Rui Zhang, Jianyin Liang, Song Yang, Yaoming Ma, Fei Chai, Zhemin Tan, Zhihong Jiang, Jianfang Fei, Shu Gao, Yiquan Qi.

3. Workshop Organization

Sponsor :

- Department of Earth Sciences, National Natural Science Foundation of China
- South China Sea Institute of Oceanology, Chinese Academy of Sciences

Organizer :

- The State Key Laboratory of Tropical Oceanography
- China-Sri Lanka Joint Center for Education & Research for the 21st Century Maritime Silk Road, Chinese Academy of Sciences, Chinese Academy of Sciences

Co-organizer :

- Department of Environmental Science and Engineering, Fudan University
- Key Laboratory of Ocean Circulation and Waves, Institute of Oceanology, Chinese Academy of Sciences
- College of Atmospheric Sciences, Lanzhou University
- The State Key Laboratory of Numerical Modeling for Atmospheric Sciences and Geophysical Fluid Dynamics, Institute of Atmospheric Physics, Chinese Academy of Sciences
- Chinese Academy of Meteorological Sciences
- The National Marine Environmental Forecasting Center of State Oceanic Administration
- Key Laboratory of Physical Oceanography, The First Institute of Oceanography, State Oceanic Administration, China
- State Key Laboratory of Marine Environmental Science, Xiamen University
- Guangdong Meteorological Service
- The School of Atmosphere Sciences, Sun Yat-sen University
- The Institute of Tibetan Plateau Research, Chinese Academy of Sciences
- State Key Laboratory of Satellite Ocean Environment Dynamics, Second Institute of Oceanography, SOA
- School of Atmospheric Sciences, Nanjing University
- School of Atmospheric Science, Nanjing University of Information Science & Technology
- Institute of Marine & Meteorology, PLA University of Science and Technology
- State Key Laboratory of Estuarine and Coastal Research, East China Normal University
- College of Oceanography, Hohai University

4. Sessions

The workshop focuses on the dynamics of the tropical ocean and climate change, and includes four sessions:

- (1) Air-sea interaction and climate change (Session Chairman: Xin Wang)
- (2) East Asian monsoon and tropical ocean (Session Chairman: Song Yang)
- (3) Ocean circulation dynamics (Section Chairman: Dongliang Yuan)
- (4) Marine environmental response under climate change (Session Chairman: Fei Chai)

5. Support Program

- Strategic Priority Research Program of the CAS “Western Pacific Ocean System: Structure, Dynamics and Consequences”
- Strategic Priority Research Program of CAS “Western Pacific Ocean System: Structure, Dynamics and Consequences”, Program 1: “The mechanism of the main stream and western Pacific warm pool variability and its climate effect”
- Innovative Research Groups of the NSFC “Tropical ocean circulation dynamics”
- CAS/SAFEA International Partnership Program for Creative Research Teams “Tropical ocean circulation multiscale dynamic process”
- China-Sri Lanka Joint Center for Education & Research

6. Workshop Secretaries

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