

International Symposium on Air-sea Interaction and Climate Dynamics

Air-sea interaction is the processes of the exchange of various physical quantities between ocean and atmosphere, as well as the interaction and adaptation of motion with different timescales. The air-sea interaction between tropics and mid-latitudes has significant differences in physical phenomena and characteristics, and their impacts on the weather and climate are also different. The study of air-sea interaction can provide an important theoretical basis for understanding climate change and improve climate prediction. To strengthen exchanges and cooperation among related scholars, sharing tropical and mid-latitude air-sea interaction research progress, to investigate the response and feedback of air-sea interaction on climate change, we have tentatively scheduled the "International Symposium on Air-Sea Interaction and Climate Dynamics" to be held in Changsha from November 19 to 21, 2022 (This may be adjusted according to the COVID-19). The conference information is as follows:

1. Organizer

Organizer

College of Meteorology and Oceanography, National University of Defense Technology

Co-organizer

LASG, Institute of Atmospheric Physics, Chinese Academy of Sciences

LTO, South China Sea Institute of Oceanology, Chinese Academy of Sciences

School of Marine Science, Sun Yat-sen University

2. Time and Place

Meeting time: November 19-21, 2022 (This may be adjusted according to the COVID-19)

Venue: Changsha Rongyuan Hotel (No. 225, Chezhan North Road, Kaifu District, Changsha)

3. Theme of the Conference

- 1) Tropical air-sea interaction and its influences;

- 2) Mid-latitudes air-sea interaction and its influences;
- 3) Climate change dynamics and numerical simulation;
- 4) Response of air-sea interaction to climate change.

4. Committee of conferences

(1) Scientific Steering Committee

Co-chairs:

Chongyin Li, Academician, Chinese Academy of Sciences; Professor, National University of Defense Technology

Junqiang Song, Academician, Chinese Academy of Sciences; Professor, National University of Defense Technology

Mu Mu, Academician, Chinese Academy of Sciences; Professor, Fudan University

Huijun Wang, Academician, Chinese Academy of Sciences; Professor, Nanjing University of Information Science and Technology

Yongjiu Dai, Academician, Chinese Academy of Sciences; Professor, Sun Yat-Sen University

Wenju Cai, Academician, Australian Academy of Sciences; Chief Scientist, Institute of Ocean and Atmospheric Research, CSIRO

Committee member:

Jianfang Fei, Professor, National University of Defense Technology

Zhong Zhong, Professor, National University of Defense Technology

Weimin Zhang, Professor, National University of Defense Technology

Wen Chen, Professor, Institute of Atmospheric Physics, Chinese Academy of Sciences,

Xiuqun Yang, Professor, Nanjing University

Chunzai Wang, Director of LTO Key Laboratory, South China Sea Institute of Oceanology, Chinese Academy of Sciences

Xiaolong Jia, Deputy director and researcher of the National Climate Center, China Meteorological Administration

Xiaopei Lin, Professor, Ocean University of China

Guihua Wang, Distinguished Professor, Fudan University

Weijun Zhu, Professor, Nanjing University of Information Science and Technology

(2) Organizing the committee

Director:

Xiaoqian Zhu, Professor, Dean, College of Meteorology and Oceanography, National University of Defense Technology

Vice Director:

Riyu Lu, National Outstanding Young Talent, Secretary of Institute of Atmospheric Physics, Chinese Academy of Sciences

Dongxiao Wang, Professor and Dean of School of Marine Science, Sun YAT-SEN University

Ziniu Xiao, Professor, Director, LASG State Key Laboratory

Yan Du, Professor, Key Laboratory of LTO, South China Sea Institute of Oceanology, Chinese Academy of Sciences

Ju Wang, Professor, Vice Dean, College of Meteorology and Oceanography, National University of Defense Technology

Yun Zhang, Chief professor, College of Meteorology and Oceanography, National University of Defense Technology

Xiangguo Chen, Director, College of Meteorology and Oceanography, National University of Defense Technology

Yi Li, Associate Professor, Director, Department of Atmospheric Sciences, College of Meteorology and Oceanography, National University of Defense Technology

Committee:

Xin Wang, Professor, National Outstanding Young Talent, South China Sea Institute of Oceanology

Yeqiang Shu, Professor, National Outstanding Young Talent, South China Sea Institute of Oceanology

Xin Li, Associate Professor, National University of Defense Technology

Jing Pan, Associate Professor, LASG State Key Laboratory

Huizhan Wang, Associate Professor, National University of Defense Technology

Zhanhong Ma, Professor, National University of Defense Technology

Yao Ha, Associate Professor, National University of Defense Technology

Peilong Yu, Associate Professor, National University of Defense Technology

Xiong Chen, Lecturer, National University of Defense Technology

Chao Zhang, Lecturer, National University of Defense Technology

Minghao Yang, Lecturer, National University of Defense Technology

Chaohui Chen, Associate Professor, National University OF Defense Technology

Yijia Hu, Associate Professor, National University of Defense Technology

5. Call for papers

(1) Scope of papers

	Theme	Director
1	Tropical air-sea interaction and its influences	Chunzai Wang
2	Mid-latitudes air-sea interaction and its influences	Zhong Zhong
3	Climate change dynamics and numerical simulation	Ziniu Xiao
4	Response of air-sea interaction to climate change	Xiuqun Yang

(2) Deadline

Essay calling time: October 10 - October 31

Selection time: November 1 -- November 3

(3) Requirements

The submitted abstract should be the first person to complete, the content should be novel, and fit the forum topic, the paper should be original, strictly abide by the academic ethics and academic norms, plagiarism or plagiarism is prohibited. If published, please indicate the date of publication and the journal information.

(4) Others

Forum reports are divided into specially invited reports, invited reports, special reports, academic wall reports. The specially invited report lasts 25 minutes, and the invited report and special report lasts 15 minutes, including 3 minutes of discussion.

6. Registration

(1) Registration

To participate this symposium, please fill in the application form (see Annex 1) and submit the abstract of the paper (see Annex 2). Send it to the forum mailbox isasicd@163.com as an attachment. Please set the subject of your email when submitting your manuscript.

Annex 1: Forum Theme - Attendees - Contact Information - Organization

Annex 2: Paper Title – Author

(2) Registration Fee

Identity	Way to attend	Charge standard (RMB)
Teacher	On-site	2000
	On-line	500
Student	On-site	1200
	On-line	200

7. Important Date

Submission deadline: Oct 31, 2022

Notification date: November 4, 2022

Registration deadline: Nov 9, 2022

Conference date: November 19-21, 2022

8. Instructions

There is no registration fee. Participants will pay for their accommodation and transportation.

Guests are requested to wear facemasks during the entire session. All participants must have a green e-health code. Please apply for the e-health code of Hunan Province. The application procedure is as follows: Follow the "Hunan Provincial

Health Card" WeChat public account, entering the official account, click the "Health Card" menu bar in the lower left corner; Click "Add Health Card" and enter your name, ID number, nationality and mobile number as prompted. Click "Finish card application" to display the "red, yellow and green" e-health code. Experts and scholars from medium and high risk areas will participate the online conference.

9. Contacting

Xiong Chen 15250950615; chenxiong198811@163.com (Submit and register)

Chao Zhang, 18500169725; zhangnanshui@126.com (Registration and reception)

Minghao Yang, 19311618651; ymh_nudt@qq.com (Venue Security)

College of Meteorology and Oceanography,
National University of Defense Technology

Oct. 10, 2022