

# 19<sup>th</sup> CTWF International Symposium on Earth System Model Development & Application

November 19, 2023

Beijing, China

## Background

Earth system models (ESMs) have become powerful tools for understanding the complex Earth's climate and environment system, as well as projecting future climate change due to anthropogenic greenhouse gas and aerosol emissions. Despite all the great efforts to improve ESMs, systematic biases remain due to uncertainties in physical parameterization schemes and low model resolution. The main goal of the conference is to bring together experts to exchange ideas, discuss scientific problems in depth, and consider suitable solutions to ESMs improvement through coordinate efforts. The conference will consist of invited lectures followed by plenary discussions.

## Themes

- Earth system model development
- Earth system simulation and prediction

## Format

The 19<sup>th</sup> CTWF will be held in hybrid format:

In-person participate: Beijing, China

Virtual participate: Zoom Platform

◆ Virtual Participation only for oversea participants

## Registration

Deadline for Registration: Nov 15, 2023

Please send Registration Form to

[icces@mail.iap.ac.cn](mailto:icces@mail.iap.ac.cn)

Please note the conference will select 3-4 online oral presentations from participants. If you'd like to present, please send an abstract and CV along with your Registration Form.

## Local Organizer

CAS-TWAS Center of Excellence

for Climate and Environment Sciences /

International Center for Climate and

Environment Sciences (ICCES), Institute of

Atmospheric Physics (IAP), CAS

## Contact

MS. Bo (Scarlett) HAO

Ms. Ye CHEN

CAS-TWAS Center of Excellence

for Climate and Environment Sciences(ICCES)

Institute of Atmospheric Physics(IAP/CAS)

P.O.Box9804,Beijing 100029, China

E-mail: [icces@mail.iap.ac.cn](mailto:icces@mail.iap.ac.cn)

Tel: +86 10 82995124

