



分8 利用地球工程改变全球气候国际学术研讨会
**International Symposium on Climate Geoengineering:
Research, Governance and Uncertainty**

Co-Sponsor: China Association for Science and Technology; The Royal Society, UK

Organizer: Department of International Affairs, CAST

Co-organizer: The Geographical Society of China

Chairman: *Liu Yanhua* (Professor and President of the Geographical Society of China, China)

Chairman of Academic Committee:

Qin Dahe (Academician of CAS, Vice President of CAST, and President of the Chinese Meteorological Society, China)

The Members : *John Shepherd Lv Daren Andy Parker Wang Wuyi Xue Lan*

PROGRAM

Sep. 21 Site: Wanxiang Hall (Third Floor), MeiDu Int'l Hotel

15:00-15:30 Opening Ceremony

Chair:

Liu Yanhua (Professor and President of the Geographical Society of China, China)

Address by:

1. *Qin Dahe* (Academician of CAS and Vice President of CAST, China)

2. *John Shepherd FRS* (Professor, University of Southampton, UK)

3. *Sir Crispin Tickell* (Honorary Vice-President, The Royal Geographical Society, UK)

15:30-18:30 Plenary Session

15:30-16:30 Chair:

Andy Parker (Senior Policy Adviser, The Royal Society, UK)

Presentations (Each Report: 30 mins)

1. The Effects of Rising Sea Levels

Sir Crispin Tickell (Honorary Vice President, The Royal Geographical Society, UK)

2. The Emerging Geopolitics of Geoengineering

Jason Blackstock (Dr., Centre for International Governance Innovations, Canada)

16:30-16:45 Tea Break

16:45-17:45 Chair:

John Moore (Professor, Arctic Centre, University of Lapland, Finland)



Presentations (Each Report: 30 mins)

3. International Governance of Solar Geoengineering

Arunabha Ghosh (Dr. CEO, Council on Energy, Environment and Water, India)

4. The Solar Radiation Management Governance Initiative (SRMGI)

Parker Andrew (Senior Policy Adviser, The Royal Society, UK)

17:45-18:30 Discussion

Chair: Andy Parker (Senior Policy Adviser, The Royal Society, UK)

18:30-19:30 Dinner First Floor Restaurant, MeiDu Intel Hotel

Sep. 22 Site: Wanxiang Hall (Third Floor), MeiDu Int'l Hotel

09:00-11:45 Technical Session

09:00-10:30 Chair:

Wang Wuyi (Professor, Institute of Geographic Sciences and Natural Resources Research, CAS, China)

Presentations (Each Report: 25 mins, Questions: 5 mins)

1. Geoengineering the Climate: the Royal Society Report

John Shepherd (FRS, Professor of University of Southampton, UK)

2. The Impact of Geoengineering on Sea Level Rise

John Moore (Professor, Arctic Centre, University of Lapland, Finland)

3. Global Change and Global Health: Strategies and Perspective

Thomas Krafft (Professor and Chair IHDP Global Change and Human Health Advisory Group, Maastricht University, Germany)

10:30-10:45 Tea Break

10:45-11:45 Chair:

Thomas Krafft (Professor, Maastricht University, Germany)

Presentations (Each Report: 25 mins, Questions: 5 mins))

4. The Terrestrial Modeling System (TMS)

Dai Yongjiu (Professor, Beijing Normal University, China)

5. Russian Climate Research of China

Igor A. Zakharenka (Professor, Moscow State University Geodesy and Cartography, Russia)

11:45-13:00 Lunch First Floor Restaurant, MeiDu Int'l Hotel

13:00-15:00 Technical Session



Chair:

Liu Chuang (Professor, Institute of Geographic Sciences and Natural Resources Research, CAS, China)

Presentations (Each Report: 25 mins, Questions: 5 mins)

1. Carbon Balance of Terrestrial Ecosystem in China

Piao Shilong (Professor, Peking University, China)

2. Climate Change and its Effect on Environment in Tianjin

Guo Jun (Professor and Vice Director of Tianjin Climate Center, China)

3. Influence of Natural and Climatic Factors to the Formation Geographical Names

Volha I. Zakharenka (Doctorial Student, Fudan University, China)

4. Paradigms Revealing the Connection between Climate and Geoenvironment Changes During the Late Pleistocene and Holocene in Bohai Bay, China

Wang Fu (Dr., Department of Coast and Quaternary Geology, Tianjin Centre of China Geological Survey, China)

18:00-19:00 Dinner Dinning Hall (Second Floor), MeiDu Intel Hotel