



Future Earth

Future Earth is a 10-year international research programme jointly initiated by ICSU (International Council for Science), ISSC (International Social Science Council) and others- that will provide critical knowledge required for societies to face the challenges posed by global environmental change and to identify opportunities for a transition to global sustainability. Future Earth will answer fundamental questions about how and why the global environment is changing, what are likely future changes, what are risks and implications for human development and the diversity of life on Earth, and what the opportunities are to reduce risks and vulnerabilities, enhance resilience and innovation, and implement transformations to prosperous and equitable futures.



CNC-FE

Chinese National Committee for Future Earth (CNC-FE) is aimed to organize Chinese scientists to participate in the Future Earth and make full use of international resources to boost China's technological level and policy making in the construction of eco-civilization. The committee is made up of more than 80 experts from the fields of natural sciences, engineering, social sciences, funding agencies and media towards a new mode of communications and engagement, committed to promoting the UN's 2030 Sustainable Development Goals, promoting the building of a beautiful China and the building of a shared future for human.

Event Description

Climate change is a multi-scale issue transcending international borders and affecting all socioeconomic strata, endangering the future development and welfare of people throughout the world. Human societies are part of an interdependent whole, encompassing scientific/natural and human systems. An essential part of this complexity is establishing relationships and plans that are based on mutual understanding, respect and are win-win in nature. Scientific understanding, collaboration, skill or technology transfer, talent cultivation and other forms of international cooperation are critical for improving the sustainable development capabilities and meet the shared challenges for all of mankind. To this end, the Science and Technology Alliance for Global Sustainability, comprising the International Council for Science (ICSU), the International Social Science Council (ISSC), the Belmont Forum of funding agencies, the United Nations Educational, Scientific, and Cultural Organization (UNESCO), the United Nations Environment Programme (UNEP), the United Nations University (UNU) and the World Meteorological Organization (WMO) has initiated the scientific plan "Future Earth".

By working to thoroughly implement the "Future Earth" framework, China is attacking its current and anticipated future environmental and developmental challenges on multiple fronts. Key scientific issues of sustainable development are addressed through the promotion of interdisciplinary collaborations between governmental departments, funding agencies, research institutes and private enterprises. The goals are to co-design, co-produce and co-deliver solutions to both known and expected to be representative problems relating to climate change, environmental pollution, and world development. We hope that these efforts will enhance the vibrancy of global sustainable development and improve the ability of people, regions, countries and societies to address climate change. Our hope is to work with all interested to advance and achieve the community needed to create a clean and beautiful future of lasting peace, universal security, common prosperity, openness and tolerance!

Organizer

- Chinese National Committee for Future Earth, China Association for Science and Technology
- Sun Yat-sen University, China
- Institute of Environment and Sustainable Development in Agriculture, Chinese Academy of Agricultural Science
- Asociacion para la Naturaleza y Desarrollo Sostenible

Background

Climate change is a multi-scale issue transcending international borders and affecting all socioeconomic strata, endangering the future development and welfare of people throughout the world. Human societies are part of an interdependent whole, encompassing scientific/natural and human systems. An essential part of this complexity is establishing relationships and plans that are based on mutual understanding, respect and are win-win in nature. Scientific understanding, collaboration, skill or technology transfer, talent cultivation and other forms of international cooperation are critical for improving the sustainable development capabilities and meet the shared

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April, in Beijing

The 622th Xiangshan Science Conference Symposium
"Future Earth Project and Human Destiny Community Construction"

May, in Jiande, Zhejiang

Academician Qin Dahe, Secretary Chen Chunsheng, Vice Minister Wang Qinglin, Executive Vice Mayor Wang Qingli
Jointly unveiled plaques for the Working Group for UN Environment Consultation Secretariat and the Chinese National Committee for Future Earth Secretariat



October, in Jiande, Zhejiang

"Forum on Future Earth and Ecological Civilization"
The Chairman of the Future Earth Planning Committee, Academician Qin Dahe, delivered the opening speech for the forum.



Agenda (tentative)

13 December 2018, 11:30-13:00 Pieniny Room

Chair: Prof. Dahe Qin China Meteorological Administration & CNC-FE	
11:30-11:35	Introduction
11:30-11:35	Opening Remarks & Introduction to CAST Director Yang Liu, CAST & CNC-FE
11:35-12:35	“Future Earth” in China
11:35-11:47	Keynote Speech Prof. Dahe Qin, China Meteorological Administration & CNC-FE
11:47-11:59	Emerging Biocultural Innovations for Enhancing Agrobiodiversity, Food Security and Climate Resilience Dr. Alejandro Argumedo, Asociacion para la Naturaleza y Desarrollo Sostenible
11:59-12:11	Promoting the scientific spirit and strengthening ecological progress Chief editor Yadong Liu, Science and Technology Daily & CNC-FE
12:11-12:23	Emission Pathway in China for Paris Agreement Targets Prof. Kejun Jiang, Energy Research Institute & CNC-FE
12:23-12:35	Ecosystem-Based Adaptation through South-South Cooperation Prof. Diwen Tan, United Nations Environment Programme - International Ecosystem Management Partnership
12:35-13:00	Q&A



Side Event UNFCCC, COP 24, Katowice

“Future Earth” in China

13 December 2018