



IIASA-CHINA EXPERT DIALOGUE ON LONG-TERM AND INTEGRATED MODELLING ANALYSIS

November 30th, 2021

Remote event via Zoom Platform

<https://iiasa.zoom.us/j/98065238719>

Passcode: **540239**

Welcome to the IIASA workshop for "China's Long-term Integrated Modeling Analysis on climate change (CLIMATE) Project". This online workshop aims to present the work that has been done over the course of the project and to discuss the future research needs for China's low-carbon strategies.

PROJECT OVERVIEW

In the China-EU LEADERS' STATEMENT ON CLIMATE CHANGE AND CLEAN ENERGY (Beijing, 16 July 2018), the European Union and China have committed to step up the cooperation towards low greenhouse gas emission economies and the implementation of the 2015 Paris Agreement on climate change. In doing so, the EU and China will intensify their political, technical, economic and scientific cooperation on climate change and clean energy, and will communicate, by 2020, long-term low greenhouse gas emission development strategies as foreseen in the Paris Agreement.

This project, led by IIASA, will bring together an international and multidisciplinary consortium of leading research groups from both inside and outside the China, with the overarching goal to improving the modelling capability and knowledge for designing cost-effective, technologically sound, socially and politically feasible mid-century strategies for China that can meet the objectives of the Paris Agreement and the development agenda set up by the 19th CPC conference. The project aims to develop and improve modeling tools and develop a "harmonious and beautiful" long-term climate neutral transition pathway for China, which is able to be informative to the development and implementation of long-term low greenhouse gas (GHG) emission strategies under the Paris Agreement.



The schedule is announced in Central European Time (CET, Brussels time) and China Standard Time (CST, Beijing time).

CET	CST	AGENDA
08:45 – 09:00	15:45 – 16:00	Log-in and welcome remark
09:00 – 09:20	16:00 – 16:20	Opening remarks and Framing of the workshop <ul style="list-style-type: none">▪ Nicklas Forsell, IIASA▪ Vicky Pollard, European Commission - DG CLIMA
09:20 – 10:05	16:20 – 17:05	Presentation of work done and key learning Session 1: ENERGY <ul style="list-style-type: none">▪ Xiao Han, Renmin University of China Title: Improvement of the residential energy modeling for China related to different energy services, including household appliances, thermal comfort, and cooking.▪ Fei Guo, IIASA Title: Modeling the low-carbon development strategies of the Chinese buildings sector.▪ Daniel Huppmann, IIASA Title: Improvements to the Scenario Explorer & database infrastructure to support provincial analysis
10:05 – 10:50	17:05 – 17:50	Presentation of work done and key learning Session 2: AIR <ul style="list-style-type: none">▪ Peter Rafaj and Shaohui Zhang, IIASA Title: Low carbon strategies for China and related health co-benefits.▪ Flora Brocza, IIASA Title: Mercury-pollution in China under the low carbon pathways▪ Max Posch, IIASA Title: Modelling of impacts of climate policies in China on ecosystems
10:50 – 11:00	17:50 – 18:00	TEA & COFFEE BREAK
11:00 – 11:30	18:00 – 18:30	Presentation of work done and key learning Session 3: LAND <ul style="list-style-type: none">▪ Hancheng Dai, Peking University Title: Achieving carbon neutrality through large-scale bioenergy production without compromising Sustainable Development Goals in China.▪ Pekka Lauri, IIASA Title: Chinese forest sector development 2020-2060 under different bioenergy levels.
11:30 – 11:45	18:30 – 18:45	Future research needs in China for sustainable development <ul style="list-style-type: none">▪ Qimin Chai, National Center for Climate Change Strategy and International Cooperation▪ Sha Fu, Energy Foundation China
11:45 – 12:00	18:45 – 19:00	Concluding remarks <ul style="list-style-type: none">▪ Tom Van-lerland, European Commission, DG CLIMA▪ Nicklas Forsell, IIASA

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