

# 中国地方应对气候变化政策

哈佛气候协议项目研讨会

主办方：清华大学能源环境经济研究所

协办方：哈佛全球研究所

2019年7月18日至19日 周四-周五

清华大学

中国北京

*议程*

# 中国地方应对气候变化政策

## 背景和动机

气候变化是全球共同面临的问题，要充分应对气候变化，就需要在最高管辖层进行合作，即开展各国政府间的国际合作。然而，国家及地方政府的独立行动也能一定程度减缓气候变化。目前，世界各省市都采取了减少温室气体排放的措施，有时还进行跨国合作，其中包括排放量最大的国家—中国、美国和印度—以及欧盟的司法管辖区。

本次研讨会将探讨中国地方应对气候变化的政策。主题包括中国各省市如何与中央政府合作以落实相关政策，以及这种合作所面临的挑战。与会者将重点关注中国国家碳定价体系的实施，包括如何将试点省市纳入国家体系，如何更广泛地发挥各省在国家碳定价体系中的作用。与会者还将讨论减少温室气体排放的其他地方政策方法。

本研讨会隶属哈佛气候协议项目，该项目旨在研究中国和印度应对气候变化的地方政策，并在可行范围内进行比较。值得一提的是，本次研讨会将对中国与印度、美国和加拿大的政策进行比较。

哈佛气候协议项目衷心地感谢清华大学能源环境经济所张希良教授共同发起并主办此次研讨会，同时还感谢哈佛全球研究所(HGI)对本项目的支持。HGI支持旨在深化哈佛国际参与度的科研项目并为其提供经费支持，以应对气候变化、移民和国际关系等紧迫全球挑战。HGI一直重点关注中国问题，并在近期开始重点研究印度问题。

哈佛气候协议项目成立于2007年，旨在探明并推进科学、经济及政治可行的应对全球气候变化的公共政策。借助世界各地的领先思想家，哈佛项目基于国际、国家和地方等层面，开展了关于气候变化政策的政策架构、关键设计元素及制度的研究。

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清华大学

中国北京

### 议程

#### 研讨会地点：

文津大酒店四楼寿山厅，

北京市海淀区成府路清华科技园，毗邻清华大学南门

#### 7月18日（星期四）

##### 上午

10: 30 – 11: 10

##### 欢迎致辞

蒋兆理

生态与环境部气候变化司副司长

Robert STAVINS

哈佛气候协议项目主任

何建坤

国家气候变化专家委员会副主任

11: 10 – 11: 50

##### 中国气候变化政策现状研究

全国碳定价体系

张希良

泛气候变化政策及相关环境能源政策

齐晔

11: 50 – 12: 10

##### 提问/回应

蒋兆理

张建宇

12: 10 – 12: 45

##### 讨论

##### 中午

12: 45 – 13: 45

##### 午餐

##### 下午

13: 45 – 14: 45

##### 中国应对气候变化的地方政策及相关环境能源政策展望

Michael DAVIDSON

齐绍洲

谭显春

Christine WONG

14: 45 - 15: 15

讨论

15: 15 - 15: 45

休息

15: 45 - 16: 30

比较背景下应对气候变化的地方政策

印度: Radhika KHOSLA

加拿大: Katie SULLIVAN

美国: Robert STAVINS

16: 30 - 16: 50

提问/回应

柴麒敏

滕飞

16: 50 - 17: 30

讨论

晚上

18: 50 - 20: 30

接待晚宴

环境保护基金中国项目主办 (地点待定)

7月19日 (星期五)

上午

中国国家碳定价体系中的中央-省级关系

9: 00 - 9: 30

国家碳定价体系与试点省市的整合

Valerie KARPLUS

MEI Dewen

9: 30 - 10: 00

国家碳定价体系的地方实施路径: 挑战和机遇

Gørild HEGGELUND

WU Libo

10: 00 - 10:20

提问/回应

TIAN Qi

ZENG Xuelan

10: 20 - 10: 50

休息

10: 50 - 11: 45

讨论

11: 45 - 12: 00

内部讨论及后续研究安排

Robert STAVINS

张希良

中午

12: 00 - 14: 00

午餐 (可选)

# Subnational Climate Change Policy in China

A Research Workshop of the Harvard Project on Climate Agreements

In Collaboration with and hosted by the  
Institute of Energy, Environment, and Economy, Tsinghua University

With Support from the Harvard Global Institute

Thursday - Friday, July 18 – 19, 2019  
Tsinghua University, Beijing, China

## *Agenda*

# Subnational Climate Change Policy in China

## Background and Motivation

Climate change is a global commons problem and, as such, requires cooperation at the highest jurisdictional level – that is, international cooperation among national governments – if it is to be adequately addressed. However, national governments acting independently, as well as subnational governments, can also significantly advance efforts to mitigate climate change. Provinces and municipalities around the world have undertaken initiatives – sometimes working together across national boundaries – to reduce greenhouse-gas emissions. This includes jurisdictions in the largest-emitting countries – China, the United States, and India – as well as in the European Union.

This workshop will examine subnational climate-change policy in China. For the purpose of these discussions, the topic includes how Chinese provinces and municipalities work with the central government to implement policy – and challenges to such cooperation. Participants will focus to a considerable degree on the implementation of China’s national carbon-pricing system, including approaches to integrating the pilot programs into the national system and the role of provinces in implementation more generally. Participants will also address subnational dimensions of other policy approaches to reducing greenhouse-gas emissions.

This workshop is part of larger initiative of the Harvard Project on Climate Agreements examining – and, to the extent feasible, comparing – subnational climate-change policy in China and India. Indeed, there will be one session in this workshop comparing China with India, as well as with the United States and Canada.

The Harvard Project on Climate Agreements is grateful to Tsinghua University’s Institute of Energy, Environment, and Economy, directed by Professor Zhang Xiliang, for co-sponsoring and hosting this workshop. The Harvard Project is also grateful to the Harvard Global Institute (HGI) for support for the broader initiative. HGI supports research initiatives that deepen Harvard’s international engagement and promote scholarship to address pressing global challenges, such as climate change, migration, and transnational relations. HGI’s geographical focus has been on China and, more recently, India.

The Harvard Project on Climate Agreements, established in 2007, seeks to identify and advance scientifically sound, economically sensible, and politically pragmatic public policy options for addressing global climate change. Drawing upon leading thinkers from around the world, the Harvard Project conducts research on policy architecture, key design elements, and institutional dimensions of international, national, and subnational climate-change policy.

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## *Agenda*

### Location of all workshop sessions:

Wenjin Hotel, Fourth Floor, Shoushan Room,  
Tsinghua Science Park, Chengfu Road, Haidian District, Beijing  
Adjacent to the South Gate of Tsinghua University

### Thursday, July 18

- 10:30 – 11:10 am**      **Welcome, framing, and self-introductions**
- JIANG Zhaoli  
Deputy Director General, Climate Change Department,  
Ministry of Ecology and Environment
- Robert STAVINS  
Director, Harvard Project on Climate Agreements
- HE Jiankun  
Deputy Director of the National Experts Committee of Climate Change
- 11:10 – 11:50 am**      **Status update on climate-change policy in China**
- National carbon pricing system:  
ZHANG Xiliang
- Broader climate-change policy – and related environmental and energy policy:  
QI Ye
- 11:50 am – 12:10 pm**      **Responses**
- JIANG Zhaoli  
ZHANG Jianyu
- 12:10 – 12:45 pm**      **Discussion**
- 12:45 – 1:45 pm**      **Lunch**

**1:45 – 2:45 pm**            **Perspectives on subnational climate-change policy – and related environmental and energy policy – in China**

Michael DAVIDSON

QI Shaozhou

TAN Xianchun

Christine WONG

**2:45 – 3:15 pm**            **Discussion**

**3:15 – 3:45 pm**            **Break**

**3:45 – 4:30 pm**            **Subnational climate change policy in comparative context**

India:                    Radhika KHOSLA

Canada:                Katie SULLIVAN

United States:        Robert STAVINS

**4:30 – 4:50 PM**            **Responses**

CHAI Qimin

TENG Fei

**4:50 – 5:30 pm**            **Discussion**

**6:30 – 8:30 pm**            **Reception and dinner**

Hosted by the Environmental Defense Fund China Program  
(Location to be determined)

**Friday, July 19**

Tsinghua University

*Central-provincial relations in China's national carbon-pricing system*

**9:00 – 9:30 am**            **Integration of national system with provincial/municipal pilots**

Valerie KARPLUS

MEI Dwen

**9:30 – 10:00 am**            **Subnational implementation pathways for the national pricing system:  
Challenges and opportunities**

Gørild HEGGELUND

WU Libo

<b>10:00 – 10:20 am</b>	<b>Responses</b> TIAN Qi ZENG Xuelan
<b>10:20 – 10:50 am</b>	<b>Break</b>
<b>10:50 – 11:45 am</b>	<b>Discussion</b>
<b>11:45 am – 12:00 pm</b>	<b>Closing observations, discussion, and next steps</b> Robert STAVINS ZHANG Xiliang
<b>12:00 – 14:00 pm</b>	<b>Optional Lunch</b>

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## Participants

### **CHAI Qimin 柴麒敏**

Director of International Cooperation  
National Center for Climate Change Strategy and  
International Cooperation  
Ministry of Ecology and Environment

### **Michael DAVIDSON**

Post-Doctoral Research Fellow  
Harvard Kennedy School

### **HE Jiankun 何建坤**

Deputy Director  
National Experts Committee of Climate Change

### **Gørild HEGGELUND**

Senior Research Fellow  
Fridtjof Nansen Institute

### **JIANG Zhaoli 蒋兆理**

Deputy Director General  
Climate Change Department  
Ministry of Ecology and Environment

### **Valerie KARPLUS**

Class of 1943 Career Development Assistant  
Professor of Global Economics and  
Management  
MIT Sloan School of Management

### **Nathaniel KEOHANE**

Senior Vice President, Climate  
Environmental Defense Fund

### **Radhika KHOSLA**

Research Director  
Oxford India Centre for Sustainable  
Development, Somerville College  
University of Oxford

### **MEI Dewen 梅德文**

President  
China Beijing Environment Exchange

### **QI Shaozhou 齐绍洲**

Professor, Department of World Economy  
Economics and Management School  
Wuhan University

### **QI Ye 齐晔**

Cheung Kong Professor of Environmental Policy  
and Management  
School of Public Policy and Management  
Tsinghua University

### **Robert STAVINS**

Director, Harvard Project on Climate Agreements  
A.J. Meyer Professor of Energy and Economic  
Development  
Harvard Kennedy School

### **Robert STOWE**

Co-Director  
Harvard Project on Climate Agreements

### **Katie SULLIVAN**

Managing Director  
International Emissions Trading Association

**TAN Xianchun 谭显春**

Professor, Institute of Science and Development  
Chinese Academy of Sciences

**TENG Fei 滕飞**

Associate Professor  
Institute of Energy, Environment and Economy  
Tsinghua University

**TIAN Qi 田啟**

Director, Department of Climate Change, Hubei  
Ecology and Environment Bureau  
Ministry of Ecology and Environment

**WANG Pu 王溥**

Associate Professor  
Institute of Science and Development  
Chinese Academy of Sciences

**Christine WONG**

Professor of Chinese Studies  
Director, Centre for Contemporary  
Chinese Studies  
University of Melbourne

**WU Libo 吴立波**

Professor, Department of World Economy  
School of Economics, Fudan University

**ZENG Xuelan 曾雪兰**

Director of Guangdong Research Center for  
Climate Change  
Ministry of Ecology and Environment

**ZHANG Jianyu 张建宇**

Vice President, China  
Environmental Defense Fund

**ZHANG Xiliang 张希良**

Professor, Management Science and Engineering  
Director, Institute of Energy, Environment, and  
Economy  
Tsinghua University

**ZHOU Li 周丽**

Associate Professor, Institute of Energy,  
Environment and Economy  
Deputy Director, China Carbon Market Center  
Tsinghua University