



# 中德协同效应方法学研讨会

**Sino-German Workshop on Mobilizing the Co-Benefits of Climate Change Mitigation in Urbanizing China: *Visualizing regional benefits related to Energy, Water, Air Quality and Value Creation***

中国科学院沈阳应用生态研究所/Institute of Applied Ecology, CAS

德国高等可持续性研究所/Institute for Advanced Sustainability Studies (IASS)

辽宁省科技创新体系建设服务中心/Liaoning Provincial Center for S & T Innovation

二零一六年九月

## 会议背景/Background

- 协同效应研究为量化评估和统筹制定区域环境政策、能源政策与气候变化政策提供了新视角与新思路，成为区域可持续发展的重要政策工具。本次研讨会旨在通过中德双方科学家、地方政府、企业及有关部门的创新交流，共同探讨进一步加强中德双方关于协同效应及其计算模型的创新协作研究，讨论在地方尺度，尤其在老工业地区的具体实施路径及可持续发展策略。
- *“China’s economic and technological growth is linked to huge social challenges which German technology and expertise can help tackle, for example, serious environmental pollution (air, water, and soil), the threat of climate change due to the increasing resource and energy use”. IASS and IAE-CAS has launched a successful collaboration on specifying and contextualizing co-benefits in air pollutants reduction nexus carbon emission reduction under the topic of international trading and renewable energies.*

# 参与单位/Participants



南京工业大学  
NANJING UNIVERSITY  
OF TECHNOLOGY



yonker



沈阳航空航天大学

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- 大石桥市科技局/*Department of Sci & Tech of Shenyang City*
- 中国驻德使馆教育处/*Department of Education, Chinese Embassy in Germany*
- 德国德中环境能源促进中心/*German-Chinese Promotion Center for Energy & Environment in Berlin*
- 国际城市生态学会中国分会/*Society for Urban Ecology-China chapter*
- 中国科学院污染生态与环境工程重点实验室/*Key Lab of Pollution Ecology and Environmental Engineering, CAS*
- 中国科学院青年创新促进会/*Youth Innovation Promotion Association CAS*

## 主题演讲 (1) / *Keynote Speech*(I)

演讲人/Speaker: *Prof. Dr. Martin Jaenicke* (马丁·耶内克 教授)

演讲主题/Topic: ***Co-benefits, Ecological Modernization and German Experiences*** (协同效应、生态现代化与德国经验)

### 简介/brief introduction:

- *Founding Director of the Environmental Policy Center at the Free University of Berlin*/德国柏林自由大学环境政策研究中心创始主任
- **Founder of the Ecological Modernization research**/ 生态现代化理论的主要创立者
- Martin Jaenicke has more than 40 years of experience as a professor of comparative politics, scientific author, and senior policy adviser.
- He was member of the Berlin state parliament in the early 1980s as well as project director of the UN University, member of the National Research Committee for Global Change and of the German UNESCO Commission, a member of the Energy Council of the Berlin state government from 1989 to 1997, member of the International Advisory Board of the Wuppertal Institut (since 2002), senior fellow of IASS, etc.
- His books on ecological modernization and innovation in environmental policy have been translated into several languages.



## 主题演讲 (2) / *Keynote Speech*(II)

演讲人/Speaker: *Dr. Sebastian Helgenberger*

演讲主题/Topic: ***Mobilizing the Co-benefits of Renewable Energies***

### 简介/brief introduction:

- *Head of Energy Transition Program, IASS Potsdam, Germany)*  
/德国波茨坦高等可持续研究所能源转型研究部部长
- *Dr. Sebastian Helgenberger graduated in Environmental Studies at Leuphana University Lüneburg and conducted his master thesis at ETH Zurich on the societal impact of transdisciplinary research, and he holds a PhD in socio-economics.*
- *Between 2010 and 2014 Sebastian held the position as scientific research coordinator for European Research Policy at BOKU Centre for Global Change and Sustainability in Vienna, where he also chaired the international JPI CLIMATE Working Group of research funders and experts on 'societal transformation in the face of climate change'.*
- *Between 2010 and 2013 he coordinated the organizational development of the Climate Change Centre Austria (CCCA) as national alliance of climate research institutions and managed the CCCA secretariat during this period.*





## 主题演讲 (3) / *Keynote Speech*(III)

**演讲人/Speaker:** *Prof. Dr. XU Yuan* (徐袁 教授) ,

**演讲主题/Topic:** *Climate Change as a Great Villain*

### **简介/brief introduction:**

- 香港中文大学地理与资源管理系教授，环境政策与管治项目负责人 / *Department of Geography and Resource Management and Leader of the Environmental Policy and Governance Programme, Institute of Environment, Energy and Sustainability, The Chinese University of Hong Kong*
- Before joining CUHK in August 2010, Dr. Xu received a Ph.D. degree in public policy in 2010 from the [Program in Science, Technology and Environmental Policy](#) at the [Woodrow Wilson School of Public and International Affairs, Princeton University](#) and conducted postdoctoral training in between (Feb-Aug 2010) at the [Industrial Performance Center, Massachusetts Institute of Technology](#).
- “*In the past ten years and the next ten years, my research focused and will continue focusing on the enforcement and compliance of energy and environmental policies. The regional scope is primarily on China, while other regions are also examined for comparison when appropriate. The central research question is ‘why energy and environmental policies are enforced effectively in some occasions, but not in others?’ ...*”

