



WORKSHOP

SUSTAINABLE DEVELOPMENT AND CARBON MARKET

Co-organized by
IN-EAST School of Advanced Studies
and
Confucius Institute Metropolis Ruhr,
Duisburg

Wednesday, February 15, 2017

SG Building, Room 183,
Geibelstr. 41, 47057 Duisburg
University of Duisburg-Essen

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PROGRAM

- 10:00–10:30 **Welcome Speeches and Organizations**
Markus Taube, *University of Duisburg-Essen*
Susanne Löhr, *Confucius Institute Metropolis Ruhr*
Shuanping Dai, *University of Duisburg-Essen*
- 10:30–12:40 **Session Chair: Andreas Oberheitmann**, *FOM Hochschule, Essen & RWI – Leibnitz Institute for Economic Research*
Qian Wang, *Jilin University, Changchun*
The Emission Reduction Performance of Carbon Trade System in China
Qiufeng Sun, *Jilin University, Changchun*
The Establishment of Macro and Micro-Carbon Finance Supervision System in China
Li Du (Wencheng Wang presents), *Jilin University, Changchun*
The Establishment of an Integrative Carbon Trade System in China
- 12:40–14:00 Lunch
- 14:00–15:30 **Session Chair: Paul Scalise**, *University of Duisburg-Essen*
Yuanyuan Zhang, *University of Duisburg-Essen*
Low-Carbon Indicator System – Sino:
Evaluating Low-Carbon City Development Level in China
Youngah Guahk, *University of Duisburg-Essen*
Sustainable Development and Local Politics:
The Transformation of Eco-city in South Korea
- 15:30–16:00 Coffee Break
- 16:00–17:30 **Session Chair: Qian Wang**, *Jilin University, Changchun*
Paul Scalise, *University of Duisburg-Essen*
Understanding the Cost of NIMBY in Developing Japan's Low-Carbon Policies
Mahmood Shubbak, Iciar Dominguez Lacasa, *University of Bremen*
Technological Capabilities in China:
The Case of Photovoltaics Technology
- 17:30–18:00 **Discussion**
- 18:30 Dinner



BIOGRAPHIES OF THE PARTICIPANTS

Shuanping Dai

Shuanping Dai is Junior Professor at the Institute for East Asian Studies (IN-EAST) and Mercator School of Management at the University of Duisburg-Essen. He finished his doctoral study at University of Bremen in 2013, and received both Master and Bachelor degree at Jilin University, Changchun in 2008 and 2006 respectively. Currently, he is leading a research group *Innovation and the Chinese Economy* at the IN-EAST School of Advanced Studies. His research mainly focuses on the issues of understanding social-economic emerging properties from the social interaction and human behavior perspectives. He is the author of the book “Networks of Institutions” (Routledge, 2015), and several book chapters and journal articles.

Li Du

Prof. Li Du is Vice President for Financial Affairs at Jilin University, Changchun. She received her Bachelor degree in Finance from Shanghai University of Finance and Economics in July, 1987, and her Master degree in National Economics from Jilin University in July 1992. In July 1999, she acquired her PhD degree in Political Economics from Jilin University.

Li Du directs her academic research in finance with recent focus on low-carbon economy and finance. She is the author of over 100 theses on publications such as Social Sciences in China, Management World, Finance Study. She is also the author of over 10 academic monographs, author of multiple adopted research and advisory reports which have facilitated local social and economic development, among which two were selected into the Outcome Brief, the decision-making reference for national leaders. Li Du was a visiting scholar of University of Denver from 1996 to 1997 (sponsored by Ford Foundation), a visiting researcher of European Studies at University of Tübingen, and Vrije Universiteit Amsterdam. She also conducted her research at University of Oxford, Georgia University, U.S.A., University of Newcastle, Australia as a visiting scholar in education management.

Youngah Guahk

Youngah Guahk is a political scientist and works as a Research Associate at the IN-EAST School of Advanced Studies, University of Duisburg-Essen. She is a member of a multidisciplinary research project with a focus on East Asia called *Exploring the Dynamics of Innovation* where she works in the research group *Political Innovation in East Asian Cities*. She is also a doctoral researcher and her thesis title is *Politics and Processes of Eco-city Transformation in South Korea*. Since 2013, Youngah Guahk is a visiting lecturer at the International Summer Semester (ISS) programme of Sungkyunkwan University in Seoul.

Xin Liu

Xin Liu is an external Ph.D. candidate at the School of Economics at Jilin University, Changchun where she received her Bachelor and Master degree as well. She has worked in the financial department at the same university since 2007. Her research interests lie in financing issues in higher education institutions.

Andreas Oberheitmann

The economist and sinologist Prof. Andreas Oberheitmann, born in 1964, is Director of the Research Center for International Environmental Policy (RCIEP) and Visiting Professor at the School of Environment, Tsinghua University in Beijing and Jiangnan University in Wuxi (Jiangsu province). In 2010, Andreas Oberheitmann founded China Environment Research (CER). With a scientific staff in Beijing, CER undertakes research and consultancy projects in the field of energy and environmental policy in China, such as for the World Bank, the Mercator Foundation, InWEnt, Ludwig Bölkow Systemtechnik and the China Energy Research Society (CERS) of the National Development and Reform Commission in China. Since 1993, Andreas Oberheitmann is researcher at RWI – Leibniz-Institute for Economic Research, Essen.

Andreas Oberheitmann is a member of the Editorial Board of the American Journal of Climate Change, Expert Reviewers of the contribution of Working Group III (WG III) to the Fifth Assessment Report of the IPCC (AR5) as well as member of the expert review panel of the German Federal Ministry for Education and Research Programme *Future Megacities*.

Paul J. Scalise

Paul J Scalise (PhD at University of Oxford in 2009) is Senior Research Fellow at the IN-EAST School of Advanced Studies, University of Duisburg-Essen.

A former Senior Associate at Cambridge Energy Research Associates (CERA), Paul Scalise spent several years with such financial institutions as Dresdner Kleinwort Wasserstein Japan Ltd. and UBS Global Asset Management as an equity research analyst of global energy companies. He was voted the number one ranked Japanese utilities analyst in the 2001 Greenwich Survey among all UK financial institutions, 3rd for the Eurozone. Among his professional activities, Paul Scalise taught at Sophia University in Tokyo, and has served as an independent consultant to the Economist Intelligence Unit, Oxford Analytica, Eurasia Group, and other global consulting firms. Upon receiving his doctorate, Paul Scalise was a JSPS Research Fellow at the Institute of Social Science, University of Tokyo, Non-resident Fellow at the Institute of Contemporary Asian Studies, Temple University, Philadelphia, and Associate Fellow at the Institute for the Analysis of Global Security, Washington DC.



Mahmood H. Shubbak

Mahmood H. Shubbak is currently a PhD candidate and a member of the young research group *Technology and Innovation* at the University of Bremen. He earned his MSc degree in Information and Communication Technology Management from Cardiff Metropolitan University and his Bachelor degree in Mechatronics Engineering from German-Jordanian University (Amman, Jordan). His research interests are intelligent robotic systems, renewable energy, and technology upgrading patterns in emerging economies. The working title of his PhD project is *Forging Ahead: Technology Development and Emerging Economies*, which studies the innovation systems of photovoltaics and robotics technologies, and identifies the learning and technological accumulation processes done by emerging economies.

Qiufeng Sun

Qiufeng Sun is Professor at the Business School at Jilin University, Changchun. Her research lies in law economics and finance regulation. She received and completed several research grants from the provincial and National Social Science Research Fund, and published results in academic journals.

Markus Taube

Prof. Markus Taube holds the Chair for East Asian Economic Studies / China as a faculty member of the Mercator School of Management. He is the Director of the IN-EAST School of Advanced Studies at the University of Duisburg-Essen as well as a Co-Director of the Confucius Institute Metropolis Ruhr, a Sino-German organisation for cultural exchange and civil society dialog. Markus Taube holds Visiting Professor positions at Nankai University, Tianjin (2014–2017), and Ca' Foscari University, Venice (2015–2017). Furthermore he acts as President of the Euro-Asia Management Studies Association (EAMSA).

Markus Taube started his academic career studying sinology and economics at the Universities of Trier and Wuhan and received his doctorate at Ruhr University Bochum. With his dissertation he became the Walter Eucken Prize laureate of 1998. Before joining the University of Duisburg-Essen he worked at the ifo Institute for Economic Research, Munich. He is a founding partner of THINK!DESK China Research & Consulting.

Qian Wang

Qian Wang is Professor of Finance at the School of Economics, and a researcher at China's Public Sector Economy Research Center, at Jilin University, Changchun. She was a Sino-USA Fulbright Scholar at Harvard University (2012) and Visiting Professor at University of California, San Diego (2005), Vrije Universiteit Amsterdam (2007), and Ritsumeikan University, Kyoto (2009). Qian Wang has published over 50 papers, 3 monographs and 2 textbooks, and received several research grants from the National Social Science Research Fund and the Ministry of Education of China.



Wencheng Wang

Wencheng Wang is Professor of Economics at the School of Economics, Jilin University, Changchun. His research field is industrial economics, innovation, and entrepreneurship. He is board member of Chinese Economic Rules Association, China Entrepreneurship Education Alliance, and Directory Commission of Innovation and Entrepreneurship at Jilin University.

Yuanyuan Zhang

Yuanyuan Zhang is a postdoc at the Institute of East Asian Studies (IN-EAST) at the University of Duisburg-Essen. She is originally from China where she finished her bachelor and master study in Urban Science and Physical Geography at Tianjin Normal University. From 2011 to 2016, she studied at University of Duisburg-Essen and received a PhD (Dr.-Ing.) for her research on the evaluation of low-carbon city in China. One of her research results is a method of evaluating Chinese cities with regard to their potential for carbon reduction and resilience enhancement: Low-carbon Indicator System – Sino. This method has been tested in the Sino-Singapore Tianjin Eco-City as actual sample project. Currently, she participates in a Sino-German project *Learning City*, and plans to apply the LCISS to the urban development needs of future Chinese megacities.