

# Handbook of Energy Policy

Editors: [Farhad Taghizadeh-Hesary](#) & [Dayong Zhang](#)

## Chapter Development Workshop/Webinar

Tokai University (Japan), Southwestern University of Finance and Economics (China),  
 The International Society for Energy Transition Studies and the Springer Nature (Publisher)

Date: Oct 21-22, 2021

ZOOM platform login information:

**Day 1: Oct 21, 2021, Time:** 14:00- 17:00 (China standard time), 15:00 -18:00 (Japan standard time)

<https://us06web.zoom.us/j/88501627614?pwd=OWFTUyswNHJHa3VOcmpQTFEFTZQQT09>

Meeting ID: 885 0162 7614

Passcode: handbook

**Day 2: Oct 22, 2021, Time:** 14:00- 16:45 (China standard time), 15:00 -17:45 (Japan standard time)

<https://us06web.zoom.us/j/85325303927?pwd=dkZpeUo0WmhMakhqeFVqR013cUVsdz09>

Meeting ID: 853 2530 3927

Passcode: handbook

### Agenda (Day 1: Oct 21, 2021)

#### Welcoming Remarks

- Naoto Yoshikawa, Vice Chancellor for Global Initiatives, Tokai University, Japan  
 Professor, Department of International Studies

Oct 21  
 14:00 - 14:20 (CST)  
 15:00 - 15:20 (JST)

#### Keynote speech I:

- Xiansheng Sun, Ex-Secretary General of the International Energy Forum, Vice President & Director General of Energy Industry Cooperation Committee, China Council for International Investment Promotion; Council Chairman of The International Society for Energy Transition Studies (ISETS)

#### Presentation & Discussion

**Moderator:** Farhad Taghizadeh-Hesary (Tokai University, Japan)

#### Session 1: The Geopolitics of Energy Markets and Energy Trade Policies

**Chair:** Dayong Zhang (Southwestern University of Finance and Economics, China)

Oct 21  
 14:20 - 15:10 (CST)  
 15:20 - 16:10 (JST)

**Presentation 1.** Harnessing Win-Win Energy Geopolitics and Competitive Global Energy Market by Integrating Energy Efficiency. Riasat Noor (Asian Development Bank) & Sumaiya Noor (United Purpose Bangladesh Office)

**Presentation 2.** The Geopolitics of the European Union-Russia Gas Trade  
 Francesco Sassi (University of Pisa, Italy)

**Presentation 3.** Role of Energy Trade in South Asian Energy Security - Bhutan's case of electricity trade in the region. Hemlal Bhattarai (Royal University of Bhutan, Bhutan)

**Presentation 4.** Towards the Sustainable Development through Energy Transnationalism: Case Study of Integrated Energy Markets in Asia. Akanksha Singh (Institute for Global International Relations, Japan)

Note: (Each presentation is 10 minutes, 10 minutes for discussion and Q&A)

Break: 10 Minutes

<p>Oct 21 15:20 – 16:20 (CST) 16:20 – 17:20 (JST)</p>	<p style="text-align: center;"><b>Session 2: Policies to Increase Energy Security and Alleviate Energy Poverty</b></p> <p><b>Chair:</b> Qiang Ji (Chinese Academy of Sciences, China)</p> <p><b>Presentation 5.</b> Policies to Alleviate Energy Poverty: From Fundamental Conceptions to a Practical Framework in the New Era. Jiajia Li (Sichuan Agricultural University, China)</p> <p><b>Presentation 6.</b> Energy Security in a Resource-Rich Economy: Case of Iran. Reza Hafezi (National Research Institute for Science Policy, Iran)</p> <p><b>Presentation 7.</b> Policies to Alleviate Energy Poverty in the Cooking Sector in India. Vijeta Singh (MIT- World Peace University, India) &amp; Nandita Mishra (Linköping University, Sweden)</p> <p><b>Presentation 8.</b> Energy Convergence and Regional Energy Security: Policy Implications. Ehsan Rasoulinezhad, (Tehran University, Iran)</p> <p><b>Presentation 9.</b> Energy cooperation between China and Africa to Alleviate Energy Poverty. Abdulrasheed Zakari (Beijing Institute of Technology, China)</p> <p>Note: (Each presentation is 10 minutes, 10 minutes for discussion and Q&amp;A)</p>
<p>Oct 21 16:20 – 17:00 (CST) 17:20 – 18:00 (JST)</p>	<p style="text-align: center;"><b>Session 3: Policies for Sustainable Energy Innovations and Technologies</b></p> <p><b>Chair:</b> Farhad Taghizadeh-Hesary (Tokai University, Japan)</p> <p><b>Presentation 10.</b> Technology Diversification in Renewable Mini-Grid Portfolios. Gianfranco Gianfrate (EDHEC Business School, France) &amp; Eflamm Gueguen (University of Oxford, UK)</p> <p><b>Presentation 11.</b> Leveraging Digitalization for Improving Energy Efficiency. M. Subramanian (Independent Consultant, India)</p> <p><b>Presentation 12.</b> Effective Factors and Policies in Electrical Energy Security. Hadi Vatankhah Ghadim (University of Tabriz, Iran) and Jaber Fallah Ardashir (Islamic Azad University, Iran)</p> <p>Note: (Each presentation is 10 minutes, 10 minutes for discussion and Q&amp;A)</p>
<p><b>Agenda (Day 2: Oct 22, 2021)</b></p>	
<p>Oct 22 14:00 – 14:10 (CST) 15:00 – 15:10 (JST)</p>	<p><b>Keynote speech II:</b> Xunpeng (Roc) Shi, Principal Research Fellow, the Australia-China Relations Institute, University of Technology Sydney; Distinguished Research Fellow at Nanjing University (China); Visiting Professor at the Hubei University of Economics (China); co-founder and President of the ISETS.</p>
<p>Oct 22 14:10 – 15:10 (CST) 15:10 – 16:10 (JST)</p>	<p style="text-align: center;"><b>Session 4: Energy Pricing, Energy Finance, and Sustainable Development Policies</b></p> <p><b>Chair:</b> Xunpeng Shi (University of Technology Sydney, Australia)</p> <p><b>Presentation 13.</b> Energy Subsidy Policy. Chang Liu (Southwestern University of Finance and Economics, China)</p> <p><b>Presentation 14.</b> Rethinking Green Finance in Greenfield Investments. Rabindra Nepal (University of Wollongong, Australia)</p> <p><b>Presentation 15.</b> Energy Policies for Sustainable Development. Bahareh Oryani (Seoul National University, Republic of Korea)</p> <p><b>Presentation 16.</b> Challenges in Shaping Sustainable Energy Policy in Greater Mekong Sub-region. Phanhpakit Onphanhdala (Lao PDR) &amp; Vanvisa Philavong (Lao PDR )</p> <p><b>Presentation 17.</b> Sustainable Energy Policy for India. Gopal K. Sarangi (TERI School of Advanced Studies, India)</p> <p>Note: (Each presentation is 10 minutes, 10 minutes for discussion and Q&amp;A)</p>

Break: 10 Minutes

## Session 5: Energy Transition, Energy Efficiency and Electricity Market Policy

**Chair:** Chin-Hsien Yu (Southwestern University of Finance and Economics, China)

**Presentation 18.** Artificial Intelligence in the Nuclear Power Plants. Ridoan Karim (Monash University, Malaysia) & Firdaus Muhammad-Sukki (Edinburgh Napier University, Scotland)

**Presentation 19.** Towards an Optimized Biofuels Use Roadmap for Indonesia Road Transport Alloysius Joko Purwanto (Economic Research Institute for ASEAN and East Asia, Indonesia) and Dian Lutfiana (Economic Research Institute for ASEAN and East Asia, Indonesia)

**Presentation 20.** An Introduction to Hydrogen Energy Policy. Jongeun You (University of Colorado, U.S.)

**Presentation 21.** An Empirical Analysis of China's Power Sector Reform and Efficiency. Ping Qin (Renmin University of China, China) & Chin-Hsien Yu (Southwestern University of Finance and Economics, China)

**Presentation 22.** Energy Efficiency for Climate Action: Evolution of India's Energy Efficiency Policies & Way Forward. Shravani Itkelwar; Deepak Tewari; Bhaskar Natarajan (Alliance for an Energy Efficient Economy, AEEE, India)

**Presentation 23.** Identifying and Prioritizing the Indicators of the Optimal Districting in Electricity Distribution Companies. Payam Shojaei (Shiraz University, Iran) & Arash Haqbin (Shiraz University, Iran)

**Presentation 24.** How Vulnerable is the Bangladesh Economy to Energy Price Shocks? Sakib Bin Amin (North South University, Bangladesh)

Note: (Each presentation is 10 minutes, 10 minutes for discussion and Q&A)

Oct 22  
 15:20 – 16:40 (CST)  
 16:20 – 17:40 (JST)

Oct 22  
 16:40 – 16:45 (CST)  
 17:40 – 17:45 (JST)

**Wrap-up:** Farhad Taghizadeh-Hesary (Tokai University, Japan)