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# North East Asia Papers

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## Energy

Dr. Hossein Razavi The World Bank

[Innovative Approaches to Financing Environmentally Sustainable Energy Development in Northeast Asia](#) ()

David Von Hippel and Peter Hayes, The Nautilus Institute

[Two Scenarios of Nuclear Power and Nuclear Waste Production in Northeast Asia](#) ()

Lyuba Zarsky, The Nautilus Institute

[Energy and the Environment in Asia-Pacific: Regional Cooperation and Market Governance](#)

Aling Zhang, Lin Shi, Tsinghua University, Beijing, China

[Prospects for and impacts of diversifying fuel use away from coal](#) ()


David Von Hippel, The Nautilus Institute

[Technological Alternatives to Reduce Emissions from Energy Production in Northeast Asia](#)

David Von Hippel, The Nautilus Institute

[Summary Report of the East Asia Energy Futures Project Activities and Accomplishments](#) ()

Eui-Soon Shin, Professor Department of Economics, Yonsei University Seoul, Korea

[Energy Futures and Acid Rain Problems in Northeast Asia - Perspective of the Republic of Korea](#) ()

Michael Margolick, Ph.D., Nai Kun Wind Development, Inc.

[Wind Energy Technology Trends and Applications in East Asia Michael Margolick](#) ()

Hoseok Kim

[The Application of the LEAP Software Tool to Energy Sector Analysis in the Republic of Korea](#) ()

David Von Hippel, The Nautilus Institute

[Global Dimensions of Energy Growth Projections in Northeast Asia](#) ()

Karsten Neuhoff, University of Cambridge

[Economic Considerations: An overview & background on power markets and pricing principles, with](#)

[focus on international trading, institutional considerations for international electricity trade](#) (📄)

David Streets, Decision and Information Sciences Division, Argonne National Laboratory  
[Environmental Aspects of Electricity Grid Interconnection in Northeast Asia](#) (📄)

David Von Hippel, The Nautilus Institute  
[Costs & Benefits of Power Grid Connection](#) (📄)

Hyo-Sun Kim, Korea Gas Corporation  
[Application of the Kyoto Mechanisms in Power Grid Interconnection in Northeast Asia](#) (📄)

John H. Bickel, Evergreen Safety and Reliability Technologies, LLC  
[Grid Stability and Safety Issues Associated with Nuclear Power Plants](#) (📄)

L. A. Koshcheev, St-Petersburg, High Voltage Direct Current Power Transmission Research Institute  
[Basic principles of interstate electrical power links organization in Northeast Asia region](#) (📄)

Weichun Ge, Liaoning Electric Power Co., Ltd.  
[Local Perspectives on Power Grid Interconnection in Northeast Asia: Background and Perspectives from Liaoning Province, China](#) (📄)

Sergei Podkovalnikov, Energy Systems Institute, Russian Academy of Sciences, Siberian Branch, Russia  
[Study for Russia, Democratic People Republic of Korea, Republic of Korea and China Power Interconnection: Analysis of Current Status](#) (📄)

DPRK Delegation  
[The Potential Impact of the Inter State Electric Ties in North East Asia on Environment](#) (📄)

DPRK Delegation  
[The Prospect of Electrical Energy Development in DPRK and Regional Co-operation in North-East Asia](#) (📄)

David Streets, Argonne National University, USA  
[Environmental Benefits of Electricity Grid Interconnections in Northeast Asia](#) (📄)

Xin He, State Grid Corporation of China  
[The Development and Status of the Power Grid in China, and International Cooperation for Grid Integration in Northeast Asia](#) (📄)

Lev Koshcheev  
[Environmental Characteristics of HVDC Overhead Transmission Lines](#) (📄)

David von Hippel and Jim Williams, The Nautilus Institute  
[Environmental Issues for Regional Power Systems in Northeast Asia](#) (📄)

Jim Williams, The Nautilus Institute  
[International Best Practices for Assessing and Reducing the Environmental Impacts of High-Voltage Transmission Lines](#) (📄)

Frans Berkhout, University of Sussex  
[International Regulations of Nuclear Fuel Cycles: Issues for East Asia](#) (📄)

Victor D Kalashnikov, Khabarovsk Economic Research Institute  
[Electric Power Industry of the Russian Far East: Status and Prerequisites for Cooperation in](#)

Northeast Asia (📄)

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[Energy and Acid Rain Projections for Northeast Asia](#)

David Von Hippel, The Nautilus Institute

[Technological Alternatives to Reduce Emissions from Energy Production in Northeast Asia](#)

Peter Hayes and Lyuba Zarsky, The Nautilus Institute

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[Prospects for Effective Marine Governance in the Northwest Pacific Region](#) (📄)

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[GLOCOM Framework Paper: Towards International Cooperation on the Northeast Asian Ocean Environment](#) (📄)

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## Security

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Dr. David M. Finkelstein\*, The CNA Corporation

[Theater Missile Defense In Asia](#) 📄

Brad Roberts \*, Fellow, Institute for Defense Analyses

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Hideshi Takesada, Professor, The National Institute for Defense Studies  
[The Bmd Issue In Northeast Asia: Strategic Relations And Japan's Option](#) 

Alexander A. Pikayev\*, Scholar-in-Residence, Non-Proliferation Program Co-chair of Carnegie Moscow Center  
[East Asia And Missile Defenses: Right Militarily And Wrong Politically?](#) 

Shulong Chu, China Institute of Contemporary International Relations  
[TMD And East Asian Security](#)


Shinichi Ogawa  
[Ballistics Missile Defense And The Missile Technology Control Regime\\*](#)

Qun Wang, Director, Department of Arms Control and Disarmament, Ministry of Foreign Affairs  
[Tmd And Us-China-Japan Cooperation](#)

Derek Mitchell, CSIS, International Security Program  
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Eric Arnett, Stockholm International Peace Research Institute  
Nuclear testing and stability in Asia 

[Northeast Asia Nuclear Free Zone](#) (*Text File*)

Bon-Hak Koo, Korea Institute for Defense Analyses  
[Nuclear Weapons Free Zone in Northeast Asia: A South Korean Perspective](#) (*Text File*)

Dunbar Lockwood, Arms Control Association  
[The Status of US, Russian, and Chinese Nuclear Forces in Northeast Asia](#) (*Text File*)

Chenghu Zhu, National Defense University  
East Asian Regional Security 

Chenghu Zhu, National Defense University  
[Us East Asian Regional Security Futures: Positive Developments And Negative Factors](#) 

Janice Heppell  
[Confidence Building Measures in Northeast Asia: Examining Multilateral and Bilateral Dynamics at Work](#) (*Text File*)

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Mark J. Valencia

[Involving the DPRK in Northeast Asia Regional, Economic, and Environmental Cooperation \(in draft\)](#)  
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[China's Export Control Policy in East Asian Context: Implications from Economic Perspectives](#)

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[Prospects For Cooperative Security In East Asia: From Chinese Perspectives](#) 

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Nautilus Institute

608 San Miguel Ave., Berkeley, CA 94707-1535 | Phone: (510) 423-0372 | Email:

[nautilus@nautilus.org](mailto:nautilus@nautilus.org)