

# ABOUT THE CONTRIBUTORS

**KYUNG-JIN BOO** is a visiting professor in the Technology Management, Economics and Policy Program (TEMEP) at the College of Engineering at Seoul National University. Before he joined the faculty at TEMEP in March 2012, Dr. Boo was a researcher at Korea Energy Economic Institute (KEEI). He has been a Korean Representative for the ISO Strategic Advisory Group on Energy Efficiency and Renewable Energy Sources (SAGE) since 2008. Dr. Boo received his B.S. in Mining & Petroleum Engineering at Seoul National University in 1979 and his M.B.A. in International Business at the same university in 1983. Dr. Boo's Ph.D. studies were done at the University of Delaware in Public Economics and Policy.

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**JOHN LEE** is an Adjunct Professor and Michael Hintze Fellow for Energy Security at the Centre for International Security Studies, Sydney University, and a visiting scholar at the Hudson Institute in Washington, DC. Dr. Lee is the author of *Will China Fail?*, which was released by CIS in 2007 and the second edition in 2009. He is a prominent expert in Chinese development and the foreign policies of states in East and Southeast Asia as well as Indian security policy. He received his doctorate from University of Oxford.

**KENNETH B. MEDLOCK III** Kenneth B. Medlock is the James A. Baker, III, and Susan G. Baker Fellow in Energy and Resource Economics at the Baker Institute and the senior director of the Center for Energy Studies. He is also the director of the Masters of Energy Economics program, holds adjunct professor appointments in the Department of Economics and the Department of Civil and Environmental Engineering, and is the chair of the faculty advisory board at the Energy and Environment Initiative at Rice University. Medlock is a principal in the development of the Rice World Natural Gas Trade Model, which is aimed at assessing the future of international natural gas trade. In 2012, Medlock received the prestigious Haydn Williams Fellowship at Curtin University in Perth, Australia. He is also an active member of the American Economic Association and is an academic member of the National Petroleum Council. Medlock has served as an advisor to the U.S. Department of Energy and the California Energy Commission in their respective energy modeling efforts. Medlock received his Ph.D. in economics from Rice University in May 2000.

**JI-CHUL RYU** is a retired Senior Fellow at the Korea Energy Economics Institute (KEEI). He is an expert in the areas of energy strategic development research, international energy cooperation, and energy planning and modeling. He joined the KEEI in April 1987. From 1996 to 2000 Dr. Ryu was the Vice-President of the Asia Pacific Energy Research Centre (APEREC) in Tokyo, Japan. He also served as a Senior Counselor to the Minister of Energy and Resources at the Korean Government in 1991–1992. Dr. Ryu holds a Ph.D. in economics from the Australian National University and a B.Sc. in mathematics and statistics from the Seoul National University.

**GU ZHONGMAO** was a professor at the China Institute of Atomic Energy (CIAE), from 1970 to 1995. His work focused on research and development on radioactive waste treatment and disposal, including bituminization and cementation of lower and intermediate level waste (LILW), compaction of solid waste, separation of actinides from high level waste (HLW) and verification of HLW and Membrane separations, particularly liquid membranes. From 1996 to 2001, he served as the Director of the Radiochemistry Department, CIAE. From 2002 to 2010, he was the Vice-Chairman of the Science and Technology Committee, CIAE, where his research field covered back-end nuclear fuel cycles, including nuclear waste treatment and disposal, spent fuel reprocessing for nuclear power plants, and strategic studies on nuclear energy and the fuel cycle in China. From 2011 until the present day, Professor Gu has worked as a member of the Science and Technology Committee at CIAE.

**HENRY D. SOKOLSKI** is the Executive Director of the Nonproliferation Policy Education Center (NPEC). He previously served as Deputy for Nonproliferation Policy in the Department of Defense, and has worked in the Office of the Secretary of Defense's Office of Net Assessment, as a consultant to the National Intelligence Council, and as a member of the Central Intelligence Agency's Senior Advisory Group. In the U.S. Senate, Mr. Sokolski served as a special assistant on nuclear energy matters to Senator Gordon Humphrey (R-NH) and as a legislative military aide to Dan Quayle (R-IN). Mr. Sokolski is author of *Underestimated: Our Not So Peaceful Nuclear Future* (Strategic Studies Institute, 2017) and *Best of Intentions: America's Campaign Against Strategic Weapons Proliferation* (Praeger, 2001).

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**DAVID VON HIPPEL** is a Nautilus Institute Senior Associate based in Eugene, Oregon. His work with Nautilus has centered on energy and environmental issues in Asia, and particularly in North-east Asia. He is currently involved in several Nautilus initiatives, including the multi-nation Asia Energy Security Project, centered around energy paths analysis, and the related East Asia Science and Security Network, which focuses on potential nuclear materials issues in the region. Also for Nautilus, he is involved in preparing an update to Nautilus' DPRK Energy Sector Analysis and in the DPRK Building Energy Efficiency Training project. In addition to his work with Nautilus, he works and has worked for a number of private and public agencies, including the World Bank, the United Nations and Tellus Institute/the Stockholm Environment Institute-US (Boston, MA), on a wide variety of topics ranging from utility planning and energy efficiency in the Middle East to reducing greenhouse gas emissions in several states and the Midwest region in the United States. Dr. Von Hippel holds M.S. and Ph.D. degrees in Energy and Resources from the University of California-Berkeley, and M.A. and B.S. degrees from the University of Oregon.