

Contributors

Editor

Lakshman Guruswamy was born in Sri Lanka, and is the Nicholas Doman Professor of International Environmental Law at the University of Colorado at Boulder. He is a recognized expert in International Environmental and Energy Law, and is widely published in books, and legal and scientific journals in international energy and environmental law. Lakshman is an invited speaker in scholarly venues across the world, and his present scholarship is focused on access to energy for the Other Third of the world.

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Jason Aamodt is the Assistant Dean for online legal education at the University of Tulsa College of Law where he teaches international environmental law and water law, while administering the online programs. Aamodt is published in numerous journals and book chapters on sustainable development, and water law. He is the founding member of the Indian and Environmental Law Center, a mid-western law firm specializing in water rights, land damages, Indian law, and toxic tort litigation. He earned his JD from the University of Tulsa, and a BS in Chemistry from the State University of New York.

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Kristin A. Carpenter is a Professor of Law and Associate Dean for Research at the University of Colorado Law School, where she teaches Property, American Indian Law, and related courses. Professor Carpenter's research and advocacy activities focus on the rights of indigenous peoples vis-à-vis land, culture, and religion, both in the United States and elsewhere around the world. Professor Carpenter obtained her A.B. at Dartmouth College and her JD at Harvard Law School.

Joy S. Clancy is a Reader (Associate Professor) in Development Studies specializing in Technology Transfer, at the University of Twente, The Netherlands. Dr. Clancy's research has focused, for more than 25 years, on small scale energy systems for developing countries, and the role that energy plays for small businesses and the potential it offers entrepreneurs through the provision of a new infrastructure service. Gender and energy has been an important factor addressed in this research.

Vincent Doyle currently works for Concern Universal in Malawi where he has lived for more than five years. He possesses almost 20 years' experience in project management, rural livelihoods, food security, vocational training, income generation, sustainable energy, organizational learning, and other areas

Soma Dutta is Programme Coordinator with ENERGIA, the international network on Gender and Sustainable Energy. She works on cross-cutting issues of gender, poverty and development in the context of energy access and on efforts that contribute to women economic empowerment through energy access. In the area of energy access, Soma has supported policy makers, practitioners, governments, NGOs and international organizations in project planning; socio-economic, institutional and policy analysis; and capacity building. Soma is Indian, with degrees in Economics (Bachelors from University of Delhi) and Rural Management (Masters from Institute of Rural Management, Anand, India).

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Carmen G. Gonzalez is a Professor of Law at Seattle University School of Law, who has published widely in the areas of international environmental law and environmental justice. Professor Gonzalez was a Fulbright Scholar in Argentina, a US Supreme Court Fellow, and a Visiting Fellow at the Lauterpacht Centre for International Law at the University of Cambridge in the United Kingdom. Her book, *International Environmental Law and the Global South*, will be published by Cambridge University Press in 2015. Professor Gonzalez holds a BA from Yale University and a JD from Harvard Law School.

Katrin Harvey is the Management and Development Officer of the Renewable Energy and Energy Efficiency Partnership (REEEP), where she is in charge of the Director General's office, as well as all matters pertaining to REEEP's xvii

governance and coordination with partner organizations. She holds a Master's degree in English and American Studies, and a second Master's degree in International Development Studies, both from the University of Vienna.

Martin Hiller has been Director General of the Renewable Energy Efficiency Partnership (REEEP) since December 2011. He has over 20 years of experience in environmental issues and sustainability, policy, specialized policy communications and campaigns, and in-depth knowledge of climate change and energy policy. Under his leadership, REEEP has sharpened its focus as a catalyst for up-scaling clean energy business models. Prior to joining REEEP, Martin had a distinguished career with the World Wide Fund for Nature (WWF).

Matt Hulse is a professional electrical, computer, and software systems engineer with diverse experience in embedded devices and digital communication technologies, who has worked in aerospace engineering, imaging science, telecommunications, energy and electrical engineering, and information technology. He possesses extensive knowledge of photovoltaic systems, radio engineering, networking, and telecommunication protocols. His specialization is in energy and communication infrastructure in developing communities and emerging markets, spanning several countries and disciplines with accomplishments in industry, public sector, and non-profit institutions.

Jacquelyn A. Jampolsky was the first graduate to receive a simultaneous JD and PhD degree from the University of Colorado, Boulder, from the Law School and the Department of Environmental Studies. She came to Colorado after receiving her BS in Conservation and Resource Studies from the University of California, Berkeley in 2008. She has worked with the Native American Rights Fund, North American Tribal governments, rural Indigenous communities in Ecuador and Peru, and urban squatter communities in Brazil. She currently serves as the David H. Getches American Indian and Natural Resources Law Fellow for the Getches-Wilkinson Center for Natural Resources, Energy, and the Environment at the University of Colorado, Boulder.

Karim-Aly S. Kassam is International Professor of Environmental and Indigenous Studies in the Department of Natural Resources and the American Indian Program at the College of Agriculture and Life Sciences, Cornell University. Dr. Kassam's research focuses on the complex connectivity of human and environmental relations, addressing indigenous ways of knowing, food sovereignty, sustainable livelihoods, and climate change. He holds a PhD in Natural Resource Policy and Management from Cornell University (USA), an MSc in Social Policy and Planning in Developing Countries from the London School of Economics (UK), an MPhil in Islamic Studies from the University of Cambridge (UK), and a BA in Economics from the University of Calgary (Canada).

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Stephen Katsaros is an inventor, mechanical engineer, and US patent agent. In 2010, he invented a simple, portable solar light bulb with the potential to revolutionize life for the Energy Poor. Five months after his first sketch, Steve launched Nokero, a for-profit company with a mission to provide affordable solar technology solutions for off-grid communities around the world. Stephen has a BS in Mechanical Engineering (BSME) from Purdue University, is a patent agent registered with the US Patent and Trademark Office, received the won the Collegiate Inventors Competition in 1995, and was awarded the 2012 Outstanding Mechanical Engineer Award from Purdue University; Nokero won the Patents for Humanity award from the United States Patent and Trademark Office.

Murodbek Laldjebaev is a PhD Candidate at the Department of Natural Resources, Cornell University, and a research fellow at the University of Central Asia. His research interests span the areas of energy security, energy sovereignty, energy poverty, water resources management, food sovereignty, and energy-water-food nexus. Murodbek has a Masters in Public Policy from the National University of Singapore, and a Bachelors degree in English Language from Khorog State University, Tajikistan. He has worked in teacher education in rural Tajikistan, consulted the World Bank on pre-service education, and worked for the Ministry of Economic Development of Trade on Tajikistan's accession to the WTO.

Arjun Makhijani is President of the Institute for Energy and Environmental Research in Takoma Park, Maryland. Dr. Makhijani earned his Ph.D. from the Department of Electrical Engineering and Computer Sciences at the University of California, Berkeley in 1972, specializing in nuclear Fusion and his Bachelor of Engineering (Electrical) from the University of Bombay (1965). A recognized authority on energy issues, Dr. Makhijani is the author and co-author of numerous reports and books on energy and environment related issues. Dr. Makhijani has served as a consultant on energy issues to many institutions, including the United Nations Development Programme, the Food and Agriculture Organization, and the United Nations Environment Programme.

Margaret Njirambo Matinga is an independent consultant whose work is centered on energy poverty in Sub-Sahara Africa (SSA) with a special focus on household energy. Dr. Matinga explores the interface between technology and society with a view to obtaining an understanding of why household members do things the way they do, and what factors facilitate inertia as well as change. She has authored a number of scholarly articles on energy poverty, indoor air pollution, gender equity and access to energy. Dr. Matinga is a member of the African Research on Energy Policy Network (AFREPREN), Household Energy Network (HEDON) and the International Network on Gender and Energy (ENERGIA). She holds a degree in Mechanical

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Amy Meyer graduated from University of Colorado, Boulder, in 2013 with a degree in Environmental Studies and Ecology/Evolutionary Biology. She has worked with a number of environmentally oriented organizations, including the Breakthrough Institute, Natural Capitalism Solutions, SustainUS, and the University of Colorado Law's Center for Energy and Environmental Security. Currently Ms. Meyer works as an energy efficiency consultant for Navigant Consulting, Inc.

Pradeep Monga is Director and Special Representative of the Director General on Energy at the United Nations Industrial Development Organization (UNIDO) in Vienna, Austria. In this capacity he leads the energy and environment related work at the international agency. In addition to his regular duties, Dr. Monga represents UNIDO at high-level meetings on energy and environment. Dr. Monga has presented several technical papers in over 40 international seminars/workshops and has co-authored three books. In addition, Dr. Monga holds a certificate in Advanced Organizational Management from Harvard Business School. He is both a Fulbright and Humphrey scholar.

Nthabiseng Mohlakoana is a Post-Doctoral researcher on Energy, Gender, and Development at the University of Twente, The Netherlands. She has 15 years of experience in research focusing on energy use by low-income urban and rural households, energy policy implementation analysis and gender and energy research. Nthabiseng completed her PhD at the Policy Studies and Environmental Policy (CSTM) at the University of Twente. She raised funds for the network to work on gender mainstreaming of energy policies and strategies, especially those affecting the low-income areas of South Africa.

Melissa F. Moore-Pachucki is a practicing attorney, specializing in civil and commercial litigation. Her practice also involves litigation concerning energy and environmental matters. She earned her Juris Doctorate from the University of Tulsa College of Law in 2014, graduating with highest honors. She also received an M.A. in Composition and Rhetoric in 2009. She served as Articles Editor for the nationally published Energy Law Journal, which is affiliated with the Energy Bar Association. She remains active in Energy and Environmental Policy in her region.

Ved P. Nanda is the Evans University Professor, and Thompson G. Marsh Professor of Law at the University of Denver. He has authored or co-authored 22 books in the various fields of international law and over 180 chapters and major law review articles, and has been a Distinguished Visiting Professor and Scholar at a number of universities in the United States and abroad. In addition to his scholarly achievements, he is significantly involved in the global international law community, and has served as President of many international

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Elizabeth Neville is an attorney focused on domestic and international environmental law. She has a career interest in the intersection between law, anthropogenic pollution, wildlife conservation, development, and poverty issues. Prior to working as the Editorial Coordinator for this book, she worked with a number of NGOs including Refugees International Japan, the Center for Biological Diversity, and the Animal Welfare Institute. She earned her JD at the University of Colorado Law School and her BA in English with a Writing and Rhetoric emphasis at Pepperdine University. She currently resides on her home island of St. Croix and works as a law clerk to Judge Robert Molloy of the Superior Court of the Virgin Islands.

Ana Victoria Rojas is a sustainable development specialist with fifteen years of experience working with policy makers, program practitioners, international organizations, NGOs and grassroots level organizations in Latin America, Asia, Africa and Europe. She has a background in environmental law, graduating from the University of Costa Rica (Law Bach. and Lic. degree in Law) in 2001 and pursuing her M.Sc. on Environmental Management, at the Vrije Universiteit Amsterdam (2003–2004). Ana has built her expertise as a sustainable development specialist working on climate change, energy, poverty, gender and sustainable development sectors. She has worked for CEDARENA, in Costa Rica, BothENDS and ETC Foundation/ENERGIA in the Netherlands. Ana combines her current position as energy task leader for IUCN's Global Gender Office with the provision of technical support to gender and mitigation pilot projects in the Mekong Region.

Mark Safty holds the Wirth Chair in Sustainable Development at the University of Colorado in Denver. He is also an Adjunct Professor in Law at the University of Colorado in Boulder. He is a partner of the large law firm of Holland and Hart. Since the late 1990s, Mr. Safty has focused his practice on development, construction, financing and M&A activity in the renewable energy industry. He is listed in *The Best Lawyers in America* for project finance law.

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Sarah Revi Sterling is the founder and director of the first Information and Communication Technology for Development (ICTD) professional master's program in the United States, a program that places equal emphasis on

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David Stern is a professor in the Crawford School of Policy at The Australian National University. He is an energy and environmental economist, whose research focuses on the role of energy in growth and development and environmental impacts including climate change. Dr. Stern is an associate editor of *Ecological Economics* and was a lead author for the chapter on Drivers, Trends, and Mitigation in Working Group III's contribution to the IPCC's 5th Assessment Report.

Simon Trace took up his appointment as CEO of Practical Action in 2005. He has been associated with this development NGO during a period of strong growth and rising international recognition for its work, particularly in the area of the environment and energy. Simon's career has principally been in community development, in the fields of soil and water conservation or water and sanitation, and he has spent time with a number of agencies, including periods of secondment to CARE and UNICEF. Prior to joining Practical Action, Simon was Strategic Development Director for the UK NGO WaterAid.

Doug Vilsack is the Executive Director of the Posner Center for International Development (www.posnercenter.org) in Denver, Colorado, a shared workspace for international development organizations that engages over 100 tenants and members. He is also the founder and Board Chair of Elephant Energy (www.elephantenergy.org), a social venture that distributes small scale renewable energy technologies in Southern Africa and the Navajo Nation in the USA.

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Kandeh K. Yumkella is United Nations Under-Secretary-General, the Special Representative of the Secretary-General for Sustainable Energy for All (SE4All), and CEO of the SE4All Initiative. He is also the Chairman of UNEnergy, and a two-term former Director General of the United Nations Industrial Development Organization (UNIDO). Prior to working for UNIDO, Dr. Yumkella was the Minister for Trade, Industry and State

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Andreas Zahner is Senior Project Manager at the Renewable Energy and Energy Efficiency Partnership (REEEP). He develops and manages clean energy interventions that lead to market transformation. He has more than 15 years of experience working on environmental issues, climate change and renewable energy. Andreas holds a Master's degree in ecology and obtained his MSc in renewable energy and energy efficiency at the Vienna University of Technology.