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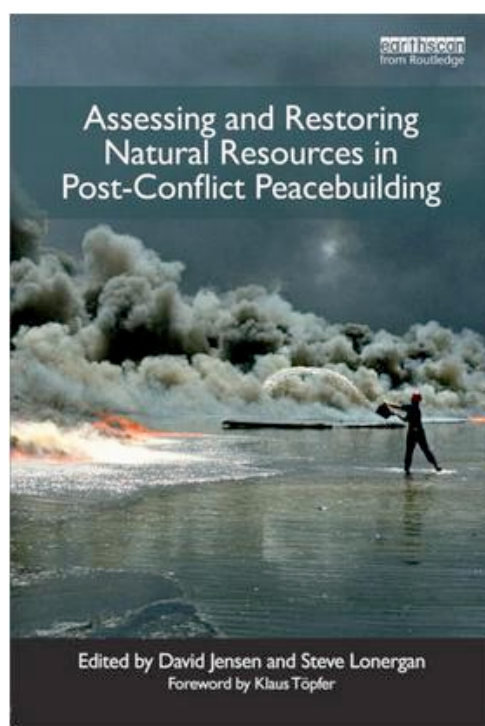
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Appendix 2: Author biographies

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APPENDIX 2

Author biographies

P. B. Anand is a reader in environmental economics and public policy at the University of Bradford. His research focuses on sustainable human development in resource-rich societies, human rights and capabilities in the context of water governance, and the role of participatory and citizen-centered mechanisms in promoting accountability. Anand has written on the resolution of river water conflicts, Millennium Development Goals, and transboundary mechanisms for cooperative infrastructure planning. He holds degrees in engineering and urban planning from institutions in India, and a Ph.D. in economics from the University of Strathclyde, Glasgow.

George Bouma is a policy advisor for the Environment and Energy Group in the Bureau for Development Policy of the United Nations Development Programme (UNDP). He began working in international development in 2000, as a civil affairs officer with the UN mission in Timor-Leste. From 2004 to 2006, he served as an environmental impact assessment expert in Afghanistan, working with the Environmental Governance and Capacity Building Programme of the United Nations Environment Programme (UNEP). In 2007, he worked for UNEP as a consultant on UNEP-sponsored post-conflict and post-disaster projects. In 2009, Bouma returned to peacekeeping operations as a natural resources advisor to the United Nations Mission in Liberia. He holds a B.Sc. and an M.Sc. in environmental science from Murdoch University and an M.A. in international development from the University of Melbourne.

Chad Briggs holds the Minerva Chair of Energy and Environmental Security at the Air University of the U.S. Air Force; is a principal at Global Interconnections LLC, in Ottawa; and is a fellow at the Institute for Environmental Security in The Hague. Briggs was previously senior advisor for international security affairs at the Environmental Security Directorate of the U.S. Department of Energy. His work focuses on scenario planning for environmental change and international security, environmental health risks in post-conflict and post-disaster regions, and the security risks of climate and environmental change. Briggs has published on vulnerability assessments for environmentally fragile regions and systems, water

resource management, and the security implications of tropical disease, and was the project leader on security assessments under conditions of abrupt climate change for GlobaleESEE (Global Energy and Environment Strategic Ecosystem). He holds a Ph.D. in political science from Carleton University, has been a visiting scholar in geography at University College London, and was a Fulbright professor in Budapest and Berlin.

Oli Brown is the environmental affairs officer for the United Nations in Sierra Leone, where he coordinates a program, sponsored by the United Nations Environment Programme (UNEP), to develop capacity for natural resource management. He was previously a senior researcher with the Environment and Security Program of the International Institute for Sustainable Development, where he coordinated an expert advisory group that worked with UNEP to develop ways to integrate environmental and natural resource concerns into the UN's conflict prevention and peacebuilding work. Brown holds degrees in anthropology, history, and international relations, and is a coauthor (with Richard Matthew and David Jensen) of the 2009 UNEP publication *From Conflict to Peacebuilding: The Role of Natural Resources and the Environment*.

Carl Bruch is a senior attorney and codirector of international programs at the Environmental Law Institute; he also cochairs the Specialist Group on Armed Conflict and the Environment of the Commission on Environmental Law of the International Union for Conservation of Nature. Bruch's research focuses on making environmental law work. He has helped countries in Africa, Asia, Eastern Europe, and Latin America develop and implement laws, policies, and institutional frameworks to effectively manage water resources, biodiversity, forests, and other natural resources. Much of his work has focused on the means of preventing, reducing, mitigating, and compensating for environmental damage resulting from armed conflict. He is a series editor of the six-book series on Post-Conflict Peacebuilding and Natural Resource Management (Earthscan, 2012–2013). He has edited or coedited six other books, including *The Environmental Consequences of War: Legal, Economic, and Scientific Perspectives* (with Jay Austin) (Cambridge University Press, 2000); coauthored *Post-Conflict Peacebuilding and Natural Resources: The Promise and the Peril* (with David Jensen, Mikiyasu Nakayama, and Jon Unruh) (Cambridge University Press, forthcoming); and authored dozens of scholarly articles. He holds a B.S. in physics from Michigan State University, an M.A. in physics from the University of Texas at Austin, and a J.D. from Northwestern School of Law of Lewis & Clark College.

Mario Burger is the head of the physics department at Spiez Laboratory, an institute of the Swiss Ministry of Defense, Civil Protection and Sports. He also consults regularly for the United Nations Environment Programme, where he serves as a senior scientific advisor to the Post-Conflict and Disaster Management Branch. Burger first joined the UN in the 1990s, when he was nominated to serve as the chief inspector of the UNSCOM (United Nations Special Commission) Chemical Group in Iraq. Burger holds a Ph.D. in chemistry from the University of Bern.

Alexander Carius, the cofounder and codirector of Adelphi, specializes in international relations and development cooperation. The main fields of his research and consulting are resources and governance, climate and energy, and development and security. He is a senior advisor to federal ministries, aid agencies, the European Commission, and various international and regional organizations. Carius is an experienced facilitator of national and international stakeholder dialogues and consultation processes, and designs and leads complex international programs and projects for donor agencies and international organizations. Since 1995, he has served as a team leader for more than one hundred projects in the areas of environment, development, and foreign policy, and has published over 200 research reports, articles, and books. Carius has studied political science, law, and journalism, and holds an M.A. in political science from the Free University of Berlin.

Ken Conca is a professor of international relations at the School of International Service at American University, where he also directs the Global Environmental Politics Program. His research and teaching focus on global environmental politics, environmental policy, social movements in world politics, and peace and conflict studies. He is the author or editor of seven books, including *The Crisis of Global Environmental Governance* (Routledge, 2008), *Governing Water* (MIT Press, 2006), and *Confronting Consumption* (MIT Press, 2002). Conca received the Chadwick Alger Prize, awarded by the International Studies Association (ISA), for the best book on international organization, and is a two-time recipient of the ISA's Harold and Margaret Sprout Award for the best book on international environmental affairs. Conca is an associate editor of *Global Environmental Politics* and a member of the Expert Advisory Group on Environment, Conflict and Peacebuilding of the United Nations Environment Programme.

Lucile Gingembre is an associate program officer for the Post-Conflict and Disaster Management Branch of the United Nations Environment Programme (UNEP); in that role, she participated in the design, planning, and implementation of the UNEP Haiti country program, which focuses on reducing poverty, disaster vulnerability, and environmental degradation in the country. Before joining UNEP, Gingembre worked in a province of northern Uruguay, serving as area manager for the ART International Initiative, a local development program sponsored by the United Nations Development Programme. Her field experience also includes several years of volunteering for a nongovernmental organization in Morocco that focused on improving education for children and creating income-generating activities for women. She has studied in China, France, and Spain, and holds a master's degree in international relations and development from Sciences Po, Paris, and a master's degree in international law from Pantheon-Assas Paris II University.

Anne Hammill is a senior researcher for the International Institute for Sustainable Development, where she works on two programs: Climate Change and Energy, and Environment and Security. Much of her work focuses on understanding how

environmental management can contribute to human security by supporting conflict prevention, peacebuilding, and resilience in the face of climate stress. Her most recent work has involved field research, training, and policy analysis on climate change adaptation and conflict-sensitive conservation in Eastern and Central Africa. She holds a B.A. in geography and environmental studies from McMaster University and an M.A. in geography from the University of Victoria.

Morgan Hauptfleisch is the principal scientist for the Southern African Institute for Environmental Assessment (SAIEA), in Namibia; in that capacity, he coordinated SAIEA's role in the multi-donor Capacity Development and Linkages for Environmental Assessment in Africa Program. At SAIEA, Hauptfleisch's work focuses on conservation and environmental management planning, environmental assessment training, and quality control. A lecturer at the Polytechnic of Namibia and an accomplished trainer, facilitator, and planner, Hauptfleisch is currently completing a Ph.D. in environmental management at the University of the Free State, in South Africa.

Haddijatou Jallow is the executive chairperson of the Sierra Leone Environment Protection Agency, a semiautonomous regulatory institution that coordinates all environmental matters and drafts environmental policy for the government of Sierra Leone. Jallow is also a member of Sierra Leone's negotiating team for United Nations-sponsored climate change negotiations. Previously, she served on several environmental boards and was a legal advisor to the Gambia National Environment Management Agency. Jallow has a master's degree in environmental law from George Washington University and a master's degree in international law from the University of Lagos.

David Jensen heads the Environmental Cooperation for Peacebuilding Program of the United Nations Environment Programme (UNEP). Since 2000, he has worked on fifteen operations that assessed post-conflict environmental damage and natural resource degradation, and their implications for human health, livelihoods, and security. His current work focuses on the links between natural resources and conflict, and on approaches to natural resource management that create jobs, sustain livelihoods, and contribute to economic recovery and peacebuilding without creating new grievances or significant environmental degradation. In addition to conducting fieldwork, Jensen focuses on integrating natural resource risks and opportunities into UN policies on conflict prevention, mediation, peacekeeping, and peacebuilding. He is a series editor of the six-book series on Post-Conflict Peacebuilding and Natural Resource Management (Earthscan, 2012–2013), co-author of *Post-Conflict Peacebuilding and Natural Resources: The Promise and the Peril* (with Carl Bruch, Mikiyasu Nakayama, and Jon Unruh) (Cambridge University Press, forthcoming), and the managing coeditor of a UNEP policy series on environment, conflict, and peacebuilding. He holds a bachelor's degree in geography from the University of Victoria and a master's degree in biology from the University of Oxford.

Charles Kelly has more than thirty years of field experience in humanitarian assistance programs addressing droughts, food insecurity, hurricanes, epidemics, floods, war, and other emergencies in developing countries. He has performed field and senior management tasks in more than twenty disaster response operations. Kelly's recent professional work includes risk assessment, disaster risk reduction, management capacity building, and the assessment of environmental impacts during disasters. He has worked in more than sixty countries and published more than forty-five articles on disaster management, including impact assessment, disaster-environment linkages, and disaster management systems. Kelly is an affiliate of the Aon Benfield Hazard Research Centre, University College London, and a member of the International Research Committee on Disasters, the Society of Risk Analysis, the International Emergency Management Society, and ProAct Network.

Birgitta Liljedahl is a senior analyst at the Swedish Defence Research Agency (FOI), with a specialty in environmental impact assessments and health hazard assessments in conflict and disaster areas. Since 2001, she has been the project manager for FOI support for the Swedish Armed Forces in the area of environmental and medical intelligence; in that role, she has conducted environmental vulnerability assessments in Afghanistan, Chad, Darfur, the Democratic Republic of the Congo, Lebanon, Libya, Somalia, and other countries. Since 2006, Liljedahl has been the project coordinator for Environment and Health in Peacekeeping, a program financed by the Swedish Ministry for Foreign Affairs that has developed pilot projects in cooperation with the United Nations Department of Peacekeeping Operations, the United Nations Department of Field Support, and the United Nations Mission in South Sudan. Liljedahl's background is in environmental geology, and she holds an M.Sc. from Uppsala University.

Steve Lonergan is an emeritus professor in the Department of Geography at the University of Victoria. Lonergan began his academic career at McMaster University, in Hamilton, Ontario, and has held visiting posts at the University of Auckland, in New Zealand; the University of Malaysia; and Monash University, in Australia. From 2003 to 2005, he was the director of the Division of Early Warning and Assessment at the United Nations Environment Programme in Nairobi, Kenya. Lonergan's research focuses on water resources in the Middle East, environmental change and population movement, and the impacts of climate change. He is the author of two books and more than sixty journal articles and reports. His most recent book, *Riding in a Matatu* (Tiny Tembo Publishing, 2012), is a humorous account of the time he spent living in Kenya and working for the United Nations. Lonergan holds a B.Sc. from Duke University and an M.A. and Ph.D. from the University of Pennsylvania.

Achim Maas is a senior project manager at Adelphi. His main areas of work are the interlinkages between natural resources, violent conflict, and peace at all levels of society. Within these areas, he focuses primarily on the security

implications of climate change and on the development of analytical frameworks and methodologies. Maas is a member of the editorial staff of the *Environment, Conflict and Cooperation* newsletter. He studied political science, sociology, history, and economics at Johann Wolfgang Goethe University, Frankfurt am Main, Germany, and holds a master's degree in international politics and security studies from the University of Bradford, United Kingdom.

Richard Matthew is a professor of international and environmental politics in the Schools of Social Ecology and Social Science at the University of California, Irvine, and the founding director of the Center for Unconventional Security Affairs. He is also the Senior Fellow for Security at the International Institute for Sustainable Development; a member of the Expert Advisory Group on Environment, Conflict and Peacebuilding of the United Nations Environment Programme; and a member of the Commission on Environmental, Economic and Social Policy of the International Union for the Conservation of Nature. His field-based research focuses on international relations in the developing world, especially South Asia and East Africa. He has published widely on transnational security threats, including climate change, infectious disease, terrorism, and landmines. Matthew has worked closely with major U.S. corporations, the United Nations, numerous international nonprofit organizations, and a variety of U.S. government departments and agencies, and has received certificates of recognition from the U.S. Congress, the California State Legislature, and the City of Los Angeles. He holds a B.A. from McGill University and a Ph.D. from Princeton University.

Vladislav Michalcik was a research scholar in residence from 2009 to 2011 at American University Washington College of Law (AU WCL), where he focused on the human rights of older people and on the connections between those rights, access to justice, and rule of law. Under the auspices of the United Nations Development Fund, Michalcik also coordinated a project, implemented by AU, that led to the development of a handbook on regional, national, and global standards for the rights of older people. Previously, Michalcik was a Dean's Fellow at the Center for Human Rights and Humanitarian Law at AU WCL, and a visiting scholar at the Environmental Law Institute. He has also worked at the European Center for Minority Issues, Human Rights Watch, the Institute for Multi-Track Diplomacy, and International Campaign for Tibet. Michalcik holds an LL.M. in international legal studies from AU WCL and a degree in law and legal science from the Masaryk University, Czech Republic.

Hannah Moosa is a Ph.D. student at the Munk School of Global Affairs and the Department of Political Science at the University of Toronto. Her doctoral research focuses on water resource management, conflict, and peacebuilding in the Nile and Jordan river basins. From June 2009 to June 2011, Moosa worked as a research assistant for the Post-Conflict and Disaster Management Branch of the United Nations Environment Programme. From July to December 2010, she conducted research for the Forum of Federations on federalist options for Sudan and constitutional

design in post-conflict societies. Moosa has been active in Model UN debating since 2001, and from March 2009 to March 2010 served as the Secretary-General of the first Global Model United Nations Conference, which was organized by the United Nations Department of Public Information. Moosa holds a B.A. in international affairs and economics from the University of Toronto Mississauga, and an M.A. in international relations from the Munk School of Global Affairs.

Mikiyasu Nakayama is a professor in the Department of International Studies, Graduate School of Frontier Sciences, University of Tokyo. Nakayama's research subjects include the application of satellite remote-sensing data for the environmental monitoring of lake basins, the use of geographic information systems for the environmental management of river and lake basins, environmental impact assessment methodologies applicable to involuntary resettlement caused by the construction of dams, and the involvement of international organizations in the management of international water bodies. He is a series editor of the six-book series on Post-Conflict Peacebuilding and Natural Resource Management (Earthscan, 2012–2013) and coauthor of *Post-Conflict Peacebuilding and Natural Resources: The Promise and the Peril* (with Carl Bruch, David Jensen, and Jon Unruh) (Cambridge University Press, forthcoming). He holds a B.A., M.Sc., and Ph.D., all in agricultural engineering, from the University of Tokyo.

Suppiramaniam Nanthikesan is an evaluation advisor at the Regional Bureau for Africa of the United Nations Development Programme (UNDP). Previously, he spent several years as an evaluation advisor at the UNDP Evaluation Office, where he was responsible for a number of thematic evaluations, including the evaluation of UNDP assistance to conflict-affected countries; in addition, as part of the Tsunami Evaluation Coalition, he participated in the joint evaluation of the impact of the tsunami response on local and national capacities. Before joining UNDP, Nanthikesan spent fifteen years teaching in Sri Lanka and working in both academia and the private sector in the United States. A native of Sri Lanka, Nanthikesan holds an M.P.A. from Harvard University and a Ph.D. in civil engineering from the Massachusetts Institute of Technology.

Björn Sandström is a deputy research director at the Swedish Defence Research Agency, where his work focuses primarily on radiation safety and radiation security issues, and includes information gathering in support of Swedish Armed Forces intelligence and crisis-management operations in various countries and regions, including Afghanistan, Africa, and the Balkans. Sandström is also an assistant professor of experimental clinical chemistry at Umeå University, Sweden. Since the early 1990s, he has represented Sweden in various North Atlantic Treaty Organization research working groups dealing with chemical, biological, radiological, and nuclear weapons issues. Sandström holds a Ph.D. in physical biology from Uppsala University.

Mourad Shalaby is pursuing a master's degree in geography at McGill University, where he is investigating the relationship between climate change, development,

and adaptation in the Congo forest region. His previous work has focused on the analysis of air pollution in Cairo, the history of planning and transport policy in Montreal, and the evaluation of quality of life in Montreal. Shalaby has a bachelor's degree in human environmental geography from the University of Montreal, where he conducted studies on urban issues in developing countries, geographic information systems and cartography, field assessments of land management, environmental impact assessments, and natural resources management. He also has a certificate in trade, development, and the environment from the London School of Economics, where he conducted research on the role of the United States in climate change.

Naoyuki Shimoyachi-Yuzawa is a research fellow with the Japan Institute of International Affairs (JIIA). Before joining JIIA, in 2006, she was a program officer at the Foundation for International Development/Relief, where she coordinated a medical project in Cambodia. She is also a former staff writer for *The Japan Times*, where she covered national security, politics, and social issues. Shimoyachi-Yuzawa holds an M.A. in peace studies from the University of Bradford, United Kingdom, and an LL.B. from the University of Tokyo.

Louise Simonsson is a researcher at the Swedish Defence Research Agency, where her work focuses on natural resources, environmental and climate change, risks and hazards, vulnerability and adaptation, and associated methodologies. Previously, Simonsson worked at the Swedish Emergency Management Authority, the Stockholm Environment Institute, and the Centre for Climate Science and Policy Research. Her fieldwork and research have been carried out in several least developed countries, as well as in the Nordic countries. Simonsson has published in the fields of risk perception, vulnerability to environmental and climate change, and participatory and interdisciplinary methodologies. Simonsson holds an M.Sc. in physical geography, a licentiate's degree in earth sciences, and a Ph.D. in environmental analysis, all from Uppsala University.

Aida Tamer-Chammas is a Ph.D. candidate at the School of Oriental and African Studies (SOAS), University of London, where her thesis focuses on accountability under international law for environmental damage arising from armed conflict. Her research interests include humanitarian law and international environmental law. After graduating, in 1986, from Pantheon-Assas Paris II University, Tamer-Chammas studied international law and economics at the Fletcher School of Law and Diplomacy, Tufts University. From 1988 to 1995, she practiced as a corporate and finance lawyer in Paris; during that time, she participated in a one-year project funded by the World Bank, in which she served as part of a team that advised the government of Lebanon on the restructuring of its telecommunications sector. In 1999, she obtained an LL.M. in international environmental law from SOAS.

Peter Tarr is the executive director of the Southern African Institute for Environmental Assessment. He has more than twenty years of experience, first

as a conservationist and later as an environmentalist focused on environmental assessment. He previously served as a senior official in the Namibian government, where he oversaw the development of environmental assessment legislation and a national environmental assessment policy. He has conducted, guided, and reviewed more than eighty environmental impact assessments, strategic environmental assessments, and environmental management plans for development initiatives in various sectors throughout sub-Saharan Africa. He is involved in a number of capacity-building initiatives, conducts training-needs assessments, and develops and delivers a variety of training courses throughout the region. Tarr has a Ph.D. in environmental management and planning from the University of Aberdeen.

Muralee Thummarukudy is chief of disaster risk reduction at the United Nations Environment Programme (UNEP). Before joining UNEP, he was a corporate environmental advisor at Petroleum Development Oman and head of environmental studies at Brunei Shell Petroleum Company. Thummarukudy has more than twenty years' experience in environmental assessment and cleanup, emergency response, and contaminated site management. He has led international multi-disciplinary project teams undertaking assessments in the wake of many major conflicts and disasters of the twenty-first century, including those in Iraq and in the occupied Palestinian territories. He holds a Ph.D. in engineering from the Indian Institute of Technology.

Juha I. Uitto is deputy director of the Evaluation Office of the United Nations Development Programme (UNDP), where he has managed several programmatic and thematic evaluations at the country and regional levels, as well as global evaluations focused on UNDP's contributions in the areas of environmental management, energy, and poverty-environment linkages. Before joining UNDP, Uitto worked at the Global Environment Facility and as a researcher and consultant in international development; he was also on the faculty of the United Nations University for nine years. A geographer by training, Uitto holds an M.Sc. from the University of Helsinki, and a Ph.D. in social and economic geography from the University of Lund, in Sweden.

Jon Unruh is an associate professor in the Department of Geography at McGill University. Since the early 1990s, his research and policy work have focused on post-conflict land tenure in the developing world. His work focuses on conflict resolution, land law and policy, legal pluralism, approaches to reconciling customary and formal land tenure systems, and agriculture in post-war and peacebuilding contexts. Unruh's research and policy experience includes work in Cameroon, Central America, Ethiopia, Liberia, Madagascar, Mozambique, Peru, Sierra Leone, Somalia, Timor-Leste, Uganda, Zambia, and Zanzibar. He is a series editor of the six-book series on Post-Conflict Peacebuilding and Natural Resource Management (Earthscan, 2012–2013) and coauthor of *Post-Conflict Peacebuilding and Natural Resources: The Promise and the Peril* (with Carl Bruch, David Jensen, and Mikiyasu Nakayama) (Cambridge University Press, forthcoming).

Unruh holds a bachelors degree in environmental studies from the University of Kansas–Lawrence, a masters degree in environmental studies from the University of Wisconsin–Madison, and a doctorate in geography and rural development from the University of Arizona.

Annica Waleij is a senior analyst and project manager at the Swedish Defence Research Agency. Her work includes the provision of environmental intelligence support to the Swedish Armed Forces and environmental expertise to Swedish peace and crisis-management operations in a number of locations, including Afghanistan, Africa, and the Balkans. Waleij also participates in the design and implementation of environmental awareness training for military and civilian deploying organizations; provides expert support to the United Nations Department of Field Support; and represents Sweden on the Science for Peace and Security Programme of the North Atlantic Treaty Organization. Waleij holds a B.Sc. in environmental health and a M.Sc. in environmental chemistry, both from Umeå University, in Sweden.

Jennifer Wallace is a Ph.D. candidate in the Department of Government and Politics at the University of Maryland and an affiliate of the Harrison Program on the Future Global Agenda. Her research interests focus primarily on environmental linkages to conflict, with particular attention to natural resource management and environmental degradation. Wallace previously worked in Switzerland as a training course coordinator at the Geneva Centre for Security Policy, part of Switzerland's contribution to the Partnership for Peace, a program of bilateral cooperation between individual partner countries and the North Atlantic Treaty Organization. She holds a B.A. from Sarah Lawrence College, a Certificate of Advanced Studies in Environmental Diplomacy from the University of Geneva, and an M.A. in political science from the Graduate Institute of International and Development Studies, in Geneva.

Inka Weissbecker works for the International Medical Corps as a global mental health and psychosocial advisor. She has represented the International Union of Psychological Science at the United Nations Economic and Social Council and the United Nations Department of Public Information, and has served on the NGO Committee on Mental Health in New York. Weissbecker has published several peer-reviewed manuscripts and has been involved in research and mental health projects in Afghanistan, Belize, Gaza, Libya, Sierra Leone, and Tanzania. She holds an M.P.H. from the Harvard School of Public Health, with an emphasis on global health and humanitarian studies, and a Ph.D. in clinical psychology from the University of Louisville. She completed her clinical psychology internship, with a focus on public policy, at the University of South Florida.

Ross Wolfarth is a law student at Columbia University. In 2008, he served as a research intern at the Environmental Law Institute, where he focused on post-conflict natural resource management. He holds a B.A. in history from Amherst College.