

# Notes on contributors

## Professor Saleem H. Ali

**Saleem H. Ali** holds the Blue and Gold Distinguished Professorship in Energy and the Environment at the University of Delaware, and is also a Senior Fellow at Columbia University's Center on Sustainable Investment and Georgetown University's Center for Australia, New Zealand and Pacific Studies. Professor Ali has held the Chair in Sustainable Resources Development at the University of Queensland's Sustainable Minerals Institute in Brisbane, Australia (where he retains professorial affiliation). Previously, he was Professor of Environmental Studies at the University of Vermont's Rubenstein School of Natural Resources, where he was founding director of the Institute for Environmental Diplomacy and Security. His books include *Treasures of the Earth: Need, Greed, and a Sustainable Future* (2009, Yale University Press); *Environmental Diplomacy: Negotiating More Effective Global Agreements* (with Lawrence Susskind; 2015, Oxford University Press); and *Mining, the Environment, and Indigenous Development Conflicts* (2003, University of Arizona Press). Corporate and government experience includes employment in General Electric's Technical Leadership Program, a Baker Foundation Fellowship at Harvard Business School and a Research Internship at the UK House of Commons. He was chosen as a Young Global Leader by the World Economic Forum in 2011 and received an Emerging Explorer award from the National Geographic Society in 2010 and joined the United Nations International Resource Panel in 2017. Saleem received his doctorate in environmental planning from MIT, a masters degree in environmental studies from Yale University and a bachelor's degree in chemistry from Tufts University (summa cum laude).

### Dr Keith Barney

**Keith Barney** is a Lecturer in Resources, Environment and Development Program at the Crawford School of Public Policy, The Australian National University. He has conducted research on sustainable forestry and land management issues in Southeast Asia for the past 14 years, including fieldwork in Lao PDR, Thailand, Malaysia, Cambodia and Vietnam. His conceptual interests lie at the intersections between political ecology, economic geography and agrarian studies. Keith has also conducted policy-based research with a number of international public policy organisations, including Forest Trends, the Rights and Resources Initiative and the Center for International Forestry Research, on issues relating to Asian forest markets and sustainable trade, land tenure and resource rights, and the implications of China's resource demand for local communities and ecologies in Southeast Asia.

### Dr Sara Beavis

**Sara Beavis** is a Senior Lecturer at the Fenner School of Environment and Society at The Australian National University, where she teaches core courses on water science at undergraduate and graduate levels and undertakes research on water and sediment interactions and water resources management. She has published numerous papers on water and sediment geochemistry, and the impacts of natural and anthropogenic processes on water quality and water security. Her current research includes examining the impacts of climate variability on water security in the Pacific, the implications of climate variability and change on water and sediment quality in inland and coastal riverine environments, and the transport and fluxes of heavy metals associated with artisanal mining (in eastern Indonesia).

### Dr Carmel Bofinger

**Carmel Bofinger** holds the position of Associate Professor at the Minerals Industry Safety and Health Centre within the Sustainable Minerals Institute at the University of Queensland. Carmel has a Masters of Environment and Community Health, and her role involves education and training, consultancies, project work and research in health and safety in the mining and minerals processing industry. She has previously worked independently and for mining companies and government agencies as a specialist occupational health and safety (OHS) and risk management

consultant. Carmel also has extensive experience in providing training and education in OHS in large- and small-scale mining in many countries including Ghana, Mongolia, Zambia and Madagascar.

### Professor Deborah Fahy Bryceson

**Deborah Bryceson** is a Research Associate at the African Studies Centre and the International Gender Studies Centre/International Development Centre, Queen Elizabeth House, Oxford University. She is currently a Reader in the School of Geographical and Earth Sciences at the University of Glasgow. She holds bachelor and masters degrees in geography from the University of Dar es Salaam, and a DPhil (sociology) from Oxford University. Her long-standing interest in rural and urban areas has involved extensive research into the interaction of livelihood, mobility and settlement in East Africa, and elsewhere on the African continent. Her early work spanned the topics of African food security, staple food markets, agricultural policy, rural transport and gender divisions of labour. During the 1990s, she pioneered the comparative study of the deagrarianisation processes in Africa, focusing on rural income diversification and associated household and community responses. More recently, she has concentrated her research on urban economies, urban growth and mobility patterns. Her current interests embrace the comparative study of East Africa's coastal cities, livelihood frontiers in Tanzanian mining and trading settlements, and the economic and social impact of HIV/AIDS.

### Dr Arnab Roy Chowdhury

**Arnab Roy Chowdhury** is a Postdoctoral Fellow at the Public Policy Department in the Higher School of Economics (HSE), Moscow. Arnab received his PhD in Sociology from the National University of Singapore (NUS) in 2014. Prior to joining HSE, he taught in the Indian Institute of Management, Calcutta, and was a Postdoctoral Researcher in the Department of Communications and New Media at NUS. He was previously a University Grants Commission – Junior Research Fellow in Jawaharlal Nehru University and Indian Institute of Technology, Delhi. He has published a number of papers in international journals such as *Progress in Development Studies*, *Development in Practice*, and *Social Movements Studies*. He is also currently working on converting his doctoral thesis into a monograph. His research and teaching interests

include forced migration, extractive industries, social movements, state–society relations, environmental sociology and post-colonial and subaltern studies.

### Professor David Cliff

**David Cliff** was appointed Professor of Occupational Health and Safety in Mining and Director of Minerals Industry Safety and Health Centre (MISHC) at the University of Queensland, Australia in 2011. His primary role is providing education, applied research and consulting in health and safety in the mining and minerals processing industry. He has been at MISHC over 15 years. As part of the International Mining for Development program at the University of Queensland, funded by the Department of Foreign Affairs and Trade, David gained extensive experience in providing training and education in OHS in mining to many countries, focusing on developing capacity within governments in developing countries. He has also undertaken similar work for the World Health Organization. He is currently supervising the PhD research of a number of students from developing countries looking at ways to improve the OHS of mining in their countries.

### Stacie Constantian

**Stacie Constantian**, MPH, is a research coordinator at the Harvard Humanitarian Initiative. She has eight years of experience working and living in developing countries, including two years as a Peace Corps Volunteer in Ecuador. She has conducted research evaluations in Uganda, Ecuador, Guatemala and Egypt, specialising in health applications of mixed-methods research in post-conflict settings.

### Dr Marjo de Theije

**Marjo de Theije** is an Associate Professor at the Department of Social and Cultural Anthropology of Vrije Universiteit (VU), Amsterdam, and part-time member of the Centro de Estudios y Documentación Latinoamericanos (CEDLA) research staff. She received her PhD in social sciences at Utrecht University in 1999. Currently, she is also the academic director of VU Brasil Academic Program at VU University, and coordinates several international research projects. In her current research, she focuses on the cultural, social, economic and environmental aspects of small-scale gold-mining in the Amazon region (Bolivia, Brazil, Colombia, Peru and Suriname). Uncontrolled polluting activities of small-scale gold-mining often threaten the livelihoods of indigenous peoples. Cross-border tensions arise when miners from one country invade another, or smuggle

gold between countries. With the recent instability in the world economy driving up the price of gold, and with mining techniques becoming more mechanised, the scale of the impact is increasing. Few national governments know how to respond to these developments and evidence-based policy responses are urgently required. These are what this project aims to provide.

### Professor Katherine C. Donahue

**Katherine C. Donahue** is Professor of Anthropology and Chair of the Social Science Department at Plymouth State University, Plymouth, New Hampshire, United States. Her research is centred on environmental and social justice. She has done fieldwork in France, Tanzania and the United States. Her publications include *Slave of Allah: Zacarias Moussaoui v. The USA* (2007, Pluto Press) and, with David C. Switzer, *Steaming to the North: The First Summer Cruise of the US Revenue Cutter Bear, Alaska and Chukotka, Siberia, 1886* (2014, University of Alaska Press).

### Dr Nicholas Garrett

**Nicholas Garrett** is a Director at RCS Global. He is a leading ASM consultant who has directed or led over 50 projects globally for companies, development organisations, governments and non-government organisations, particularly in complex, conflict-affected and high-risk areas. He completed a PhD (cum laude) on ASM and conflict minerals in the Democratic Republic of Congo at the Freie Universität Berlin, and holds an MSc in International Development Management from the London School of Economics.

### Dr Maureen Hassall

**Maureen Hassall** holds a PhD in cognitive systems engineering, an MBA, and bachelor's degrees in engineering and psychology. Her research focuses on utilising leading-edge human factors approaches to improve industrial risk management in ways that can help entities achieve better health, safety, well-being and business outcomes. Maureen's work involves delivering applied research, training and consulting services direct to industry, and to undergraduate and postgraduate students at the University of Queensland. Her work is motivated by over 18 years of working in industry, addressing various human and system operational challenges from a range of roles, including specialist engineering, line management, organisational change and business performance improvement roles.

## Professor Amalendu Jyotishi

**Amalendu Jyotishi** is Professor at Amrita School of Business (Bangalore Campus), Amrita Vishwa Vidyapeetham and the adjunct faculty of University at Buffalo (SUNY). He has a PhD in economics from the Institute for Social and Economic Change, Bangalore, where he worked on the ecological economic issues of swidden agricultural systems. He also received the VKRV Rao Memorial Best PhD Thesis Award from the Institute for Social and Economic Change. His research covers issues relating to natural resources and institutions, on the one hand, and innovation, entrepreneurship in information technology business, on the other, both from an institutional economics perspective. Recently, he has been working on the issues relating to fish for food security in city regions, iron smelting and deforestation, informal gold-mining and climate change vulnerability issues, as well as innovation and cultural issues relating to small business including information technology business. He has published his research in journals, books, edited volumes and working papers. He is one of the core research members of Asian Initiative on Legal Pluralism and was the coordinator of the group from 2012 to 2015. Amalendu has collaborated in research projects supported by organisations such as the Netherlands Organisation for Scientific Research (NWO), Swedish International Development Agency (SIDA), World Bank, International Water Management Institute (IWMI), Oxfam (Great Britain) Trust, Aga Khan Rural Support Program (India), South Asian Network for Development and Environmental Economics (SANDEE), Australian Research Council (ARC) and Sir Ratan Tata Trust.

## Joycelyn Kelly

**Jocelyn Kelly** is the Director of the Harvard Humanitarian Initiative's Women in War program, where she designs and implements projects to examine issues related to gender, peace and security in fragile states. She has been conducting health-related research using qualitative and quantitative research methods for over eight years, both in national and international settings. Her international work has focused on understanding the health needs of vulnerable populations in Eastern and Central Africa.

## Dr Kuntala Lahiri-Dutt

**Kuntala Lahiri-Dutt** is a Professor at the Crawford School of Public Policy, ANU College of Asia and the Pacific, The Australian National University. Kuntala has extensively researched the social and ecological politics and gender equity issues related to extractive industries since 1993–94, initially in India and later on in other Asian countries such as Indonesia, Lao PDR and Mongolia. In particular, she has written on gender and livelihood issues in both large, industrial mining and in informal, artisanal and small-scale mines and quarries on the displacement of peasantry and indigenous peoples, and on the transformations of land and livelihoods in mining areas. A related field of research comprises the social and gender equity issues that are expressed at different geographical scales in water resource management. She has published on the livelihoods of poor and immigrants living on ecological boundaries of land and water, on chars or river islands in her book *Dancing with the River: People and Life on the Chars of South Asia* (2013, Yale University Press; co-authored with Gopa Samanta). Other books include *In Search of a Homeland: Anglo-Indians and McCluskiegunge* (1990, Minerva, Kolkata); *Women Miners in Developing Countries: Pit Women and Others* (2006, Ashgate; co-edited with Martha Macintyre); *Fluid Bonds: Views on Gender and Water* (2006, Stree, Kolkata); *Water First: Issues and Challenges for Nations and Communities in South Asia* (2008, Sage; co-edited with Robert Wasson); *Gendering the Field: Towards Sustainable Livelihoods for Mining Communities* (2011, ANU E Press); *Doing Gender, Doing Geography: Emerging Research in India* (2011, Routledge; co-edited with Saraswati Raju); *The Coal Nation: Histories, Ecologies and Politics of Coal in India* (2014, Ashgate); and *Experiencing and Coping with Change: Women-Headed Households in the Eastern Gangetic Plains* (2014, Australian Centre for International Agricultural Research).

## Gernelyn Logrosa

**Gernelyn Logrosa** is a PhD candidate at the Minerals Industry Safety and Health Centre, University of Queensland. She holds bachelor and masters degrees in metallurgical engineering at the University of the Philippines. Gernelyn has several years of experience working with artisanal and small-scale miners, operators and ASM cooperatives in the Philippines, through fieldwork and forums, as Research Specialist of the Cleaner Mining Technologies, Engineering Research, and Development for Technology of the Department of Science and Technology. Gernelyn has also worked as Chief Metallurgical Engineer for mining projects in the Philippines.

### Lynda Lawson

**Lynda Lawson** is Manager (Knowledge Transfer) at the Centre for Social Responsibility in Mining at the University of Queensland, and has extensive experience designing and delivering training programs for industry and government in Europe, Australia, Asia-Pacific, Africa and South America. She speaks fluent French and has a particular interest in mining and development in Madagascar and Francophone Africa. She is a PhD student at the University of Queensland, and her research area is artisanal mining, the mining of gemstones in Africa, women miners and entrepreneurship.

### Danellie Lynas

**Danellie Lynas** is a Research Fellow and PhD candidate within the Minerals Industry Safety and Health Centre at the University of Queensland. Recently, she has been working with the Minerals Commission of Ghana to capacity build within the inspectorate to enable development and delivery of OHS training specifically targeting formal artisanal and small-scale mining. Past roles have included projects related to improving safety in mining equipment design, new mining technologies, injury prevention strategies and health-related policy review at corporate level. To date, her PhD research data collection has been undertaken in Papua New Guinea and Ghana.

### Professor Andrew McWilliam

**Andrew McWilliam** is a Professor of Anthropology at Western Sydney University. Andrew's research interests are Timor ethnography, minorities and governance in Indonesia and East Timor, customary land and resource tenures, forms of religious practice in eastern Indonesia, mining and development, applied anthropology in economic development and Australian Aboriginal customary land interests and cultural heritage.

### Dr Daniele Moretti

**Daniele Moretti** is an experienced sustainability consultant with particular expertise in ASM in the Asia-Pacific. He has worked for research organisations, governments and companies, including both producers and manufacturers. His PhD in social anthropology (Brunel University) focused on ASM in Papua New Guinea. He also holds an MSc in human

resource management from the London School of Economics. Before his work as a consultant, he was Postdoctoral Research Fellow at the University of Cambridge and a lecturer at Brunel University.

### Dr Rachel Perks

**Rachel Perks** is a Senior Mining Specialist within the Oil, Gas and Mining Unit of the Energy and Extractives Global Practice of the World Bank. She is based in Washington, DC, and provides technical assistance on ASM to several mining lending projects within her unit. Prior to joining the World Bank, she worked and lived for 12 years in the Horn and Central Africa. The focus of her work has been on managing the transition from conflict to peace in countries where natural resources have played a catalytic role in conflict, and may equally play a catalytic role in state building. Her PhD was on the formalisation of artisanal mining in Rwanda.

### Dr Phuong Pham

**Phuong Pham**, PhD, is an Assistant Professor at the Harvard Medical School and Harvard T.H. Chan School of Public Health, and Director of Evaluation and Implementation Science at the Harvard Humanitarian Initiative. She has over 15 years of experience in designing and implementing epidemiologic and evaluation research, technology solutions and educational programs in ongoing and post-conflict countries such as northern Uganda, Democratic Republic of Congo, Rwanda, Central African Republic, Iraq, Cambodia, Colombia and other areas affected by mass violence and humanitarian crisis. She co-founded [peacebuildingdata.org](http://peacebuildingdata.org) (a portal of peace building, human rights and justice indicators) and [KoBoToolbox](http://KoBoToolbox.org) (a suite of software for digital data collection and visualisation).

### Professor Ton Salman

**Ton Salman** studied philosophy and anthropology at the University of Amsterdam and also did his PhD there in 1993, on shanty-town organisations in Chile under dictatorship. After working at several Dutch, Chilean and Ecuadorean universities, he is now established at the Vrije Universiteit in Amsterdam, in the position of Associate Professor and head of the Department of Social and Cultural Anthropology. His research interests include social movements, democratisation, citizenship, ethnicity and small-scale gold-mining. Among his recent publications are (2015, with Felix Carrillo and Carola Soruco) ‘Small-scale

mining cooperatives and the state in Bolivia: Their histories, memories and negotiation strategies', in *Extractive Industries and Society* 2(2), 360–67, and (2016) 'The intricacies of being able to work undisturbed: The organization of alluvial gold-mining in Bolivia', in *Society and Natural Resources* 29(9), 1124–38.

### Professor Ranabir Samaddar

**Ranabir Samaddar** is the Director of the Calcutta Research Group, and belongs to the School of Critical Thinking. He has pioneered, along with others, peace studies programs in South Asia. He has worked extensively on issues of justice and rights in the context of conflicts in South Asia. The much-acclaimed *The Politics of Dialogue* (2004, Ashgate) was the culmination of his work on justice, rights and peace. His particular researches have been on migration and refugee studies, the theory and practices of dialogue, nationalism and post-colonial statehood in South Asia, and new regimes of technological restructuring and labour control. He has authored a three-volume study of Indian nationalism, *Whose Asia Is It Anyway?: Nation and The Region in South Asia* (1996), *The Marginal Nation: Transborder Migration from Bangladesh to West Bengal* (1999), and *A Biography of the Indian Nation, 1947–1997* (2001). His recent political writings published in the form of a two-volume account, *The Materiality of Politics* (2007, Anthem Press), and *Emergence of the Political Subject* (2009, Sage) have challenged some of the prevailing accounts of the birth of nationalism and the nation state, and have signalled a new turn in critical post-colonial thinking.

### Professor Sashi Sivramkrishna

**Sashi Sivramkrishna** did his masters in economics from the University of Bombay, Mumbai, and went on to complete his PhD at Cornell University, USA. He is currently Professor of Economics at the School of Business Management, Narsee Monjee Institute for Management Studies, Bangalore. His areas of research include contemporary macroeconomics, as well as economic and environmental history. His recent work has been published in the *Journal of International Development*, *Journal of Human Development and Capabilities*, *International Journal of Agricultural Resources, Governance and Ecology*, *Environment and History*, *Global Environment*, *Journal of the Economic and Social History of the Orient*, and *Economic and Political Weekly*. His book, *In Search of Stability: Economics of Money, History of the Rupee* (2015, Routledge), traces the history of the rupee from 1542 to 1971. Sashi is also an ardent documentary

filmmaker; his films have been screened at international film festivals including the Royal Anthropological Institute International Festival of Ethnographic Film (UK) and Days of Ethnographic Films (Russia), as well as on India's national television channel (Doordarshan) and the National Geographic Channel.

### Professor Alexandra Urán

**Alexandra Urán** is a Professor at the Anthropology Department of the Universidad de Antioquia in Medellín, Colombia. She has a bachelor's degree in mining engineering and anthropology, a masters degree in environmental anthropology from Kent University, England, and a PhD in sociology and social sciences from Kassel Universität, Germany. She is a senior researcher at the National System of Social and Environmental Research. She studies issues associated with the relationship between exploitation of natural resources and governance, ethnography of the state and natural resources and socio-political conflicts in Colombia. Recently, her projects have been focused on the development of artisanal mining in indigenous communities, and Afro-descendants' land in the Chocó region of the Colombian Pacific and in the Colombian Amazon. She is also an active researcher of the GOMIAM International Network (a knowledge network on small-scale gold mining and social conflicts in the Amazon), with insight into mining-related conflicts by comparing various cases in the different Amazon countries.

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