About the Contributors

**Maha Bouzid** is currently a Senior Research Associate at the Norwich Medical School, University of East Anglia. Her broad research interests are emerging infectious diseases and Global Health. Her primary interests are the epidemiology and pathogenesis of waterborne and vector-borne diseases. She has a Master’s in Microbiology, Molecular Biology and Biotechnology and a PhD in Medical Microbiology awarded from the University of East Anglia, investigating mechanisms of virulence in *Cryptosporidium* species using genomic data. Her research interests have recently expanded to the field of climate change and human health as well as evidence based decision making in the public health sector.

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**Mohamed Behnassi**, specialist in Environment and Human Security Politics, is Associate Professor, Director of the Research Laboratory for Territorial Governance, Human Security and Sustainability (LAGOS), and ex-Head of Public Law Department (2014-2015) at the Faculty of Law, Economics and Social Sciences, Ibn Zohr University of Agadir, Morocco. He was the Founder and Director of the North-South Center for Social Sciences (NRCS) from 2008 to 2015, and currently Director of The Center for Research on Environment, Human Security and Governance (CERES). Behnassi is Member of the Moroccan Association for Regional Sciences (AMSR), and Active member of the National Council for Climate Change, Sustainable Development and Leadership (NCCSD), India. He is also Senior Social Compliance Auditor (practicing consultancy by monitoring human rights at work and the sustainability of the global supply chain). Behnassi obtained his Ph.D in 2003 from the Faculty of Law, Economics and Social Sciences, Hassan II University of Casablanca for a Thesis titled: Multilateral Environmental Negotiations: Towards a Global Governance for Environment. In 2011, he completed a U.S. State Department-sponsored Civic Education and Leadership Fellowship (CELF) at the Maxwell School of Citizenship and Public Affairs, Syracuse University, USA and in 2014 he obtained a Diploma in Diplomacy and International Environmental Law from
the University of Eastern Finland and the United Nations Environment Programme (UNEP), Finland. Behnassi has pursued several post-doc trainings since the completion of his Ph.d. His core teaching and expertise areas cover: Environmental change, human security, sustainability, climate change politics and governance, human rights, CSR, etc. He has published numerous books with international publishers such as: Vulnerability of Agriculture, Water and Fisheries to Climate Change (Springer 2014); Science, Policy and Politics of Modern Agricultural System (Springer 2014); Sustainable Food Security in the Era of Local and Global Environmental Change (Springer 2013), Global Food Insecurity (Springer, 2011); Sustainable Agricultural Development (Springer, 2011); Health, Environment and Development (European University Editions, 2011), and Climate Change, Energy Crisis and Food Security (Ottawa University Press, 2011). He has also published numerous research papers and communicated several presentations in relevant international conferences. Behnassi has also organized many international conferences covering the above research areas in collaboration with national and international organizations and managed many research and expertise projects on behalf of various institutions such as the Royal Institute of Strategic Studies (IRES) in Morocco (Food and health security face to climate change in Morocco), GIZ (Mainstreaming climate risk in local development planning), Carrefour Associatif and UNICEF (University Social Responsibility).

**Bernard Bett** is a veterinary epidemiologist based at the International Livestock Research Institute. He studied epidemiology at the University of Nairobi, Kenya and the University of Guelph, Canada. He completed his PhD research, which focused on tsetse and trypanosomosis control in Kenya, in 2008. Since then, he has implemented multiple studies on emerging infectious diseases in Africa and Asia which investigate the effects of climate, land use and biodiversity changes on the emergence and transmission of these diseases.

**Samia Boussa** is currently Professor in ISPITS (Institut Supérieur des Professions Infirmières et des Techniques de Santé) of Ministry of Health in Marrakesh (Morocco). She obtained her PhD, in Ecology and Epidemiology, at Cadi Ayyad University (Morocco) and at Strasbourg University (France) in 2008. Her research is focused on Medical Entomology, Vector Borne Disease and especially on Epidemiology of leishmaniasis in Morocco.

**Devin C Bowles** is a PhD candidate at the National Centre for Epidemiology and Population Health at the Australian National University. His current research focuses on the socially-mediated health effects of climate change, including through conflict, migration and health inequity. Previous publications cover a range of topics, including climate change, religion and prosopagnosia (face blindness).
Chris G Buse received his PhD from the Dalla Lana School of Public Health at the University of Toronto. He is now leading a new initiative at the University of Northern British Columbia analyzing the cumulative and community impacts of resource development, climate change, and environmental degradation.

Ulisses Confalonieri is a Veterinarian and Medical Doctor, and has a Ph.D. in Sciences and is a full professor at the Oswaldo Cruz Foundation and the Federal University in Rio de Janeiro, Brazil. He has developed studies on epidemiology; ecology of infectious diseases, especially emerging diseases; medical entomology; health of natural ecosystems and impacts of global environmental changes on health, especially climate change. He has also coordinated the health committee at the Intergovernmental Panel on Climate Change (IPCC) and at the Millennium Ecosystem Assessment.

Samir Dervisevic works as a Consultant Medical Virologist and Head of the Department of Microbiology, the Eastern Pathology Alliance and as an Honorary Senior Lecturer at the University of East Anglia in Norwich.

Delia Grace, Program Leader Food Safety and Zoonoses, International Livestock Institute, Nairobi and Theme Leader, Agriculture Associated Disease, CGIAR Research Program Agriculture for Nutrition and Health Delia is an epidemiologist and veterinarian with 20 years’ experience working in developing countries in Africa and Asia. She leads research on zoonoses and foodborne disease at the International Livestock Research Institute in Kenya and the CGIAR Research Program on Agriculture for Human Nutrition and Health. Her research interests include emerging diseases, participatory epidemiology, gender and animal welfare. Her career has spanned the private sector, field-level community development and aid management, as well as research.

Kahime Kholoud is a PhD student at the University of Marrakesh – Morocco. She holds a Master of Science in Environmental-Health Engineering. Currently, Kholoud is a PhD student working on leishmaniasis, vector ecology, parasite trend, epidemiology, and vulnerability and adaptations capacities. Ms Kahime is focalized to identify the impacts of surface climate changes on the occurrence of leishmaniasis in Morocco with a specific intent to model the relation between changes in surface parameters, and the cycle of the leishmaniasis and its incidence.
About the Contributors

**Salisu Lawal Halliru** is a Lecturer in the Department of Geography, Federal College of Education Kano, Nigeria. He had his Bachelor degree of Science in Geography and postgraduate Diploma on Environmental Management at Bayero University Kano. He had Master’s Degree in Geography at Kampala International University, Uganda. He undertakes few projects on climate change issues, sustainable development and poverty indices were he presented his research work on both national and international conferences; he is a member Association of Nigerian Geographers, African Geopark network, and member research and development network in Nigeria among others. He authored and co-authored Book chapter contributions, numerous journal articles, including International Journal of Sustainable Development, Volume 2, Number 3, 2009; Climate Change and rural water supply in Nigeria, An Appraisal of Climate Change: Global risks challenges and community Based Adaptation Approaches for Sustainable Development in Northern Nigeria. He is also an associate editor International Journal of Climate Change: Impacts and Responses Volume 2, number 1 and 2, in 2010. His research interest focus in the areas of Environmental Management and Sustainable development, Population Dynamics, Water resources management, rural development, Poverty and Education sustainability, with special interest in Geopark, Geoheritage and Goe-Education, Climate Change and food security. He is currently working on Climate change, Adaptation, and Human migration in northwestern Nigeria.

**Johanna Frida Lindahl** is a veterinary epidemiologist working at Swedish University of Agricultural Sciences and International Livestock Research Institute (ILRI). Johanna graduated from Swedish University of Agricultural Sciences after doing her PhD working on Japanese encephalitis virus in Vietnam. Since her PhD she has been focusing her research on food safety, mycotoxins, and vector-borne, zoonotic and emerging infectious diseases in developing countries, mainly East Africa and South and Southeast Asia.

**Catherine Machalaba** is the Program Coordinator for Health and Policy at Eco-Health Alliance. Her research interests focus on One Health approaches to human, animal, and environmental health challenges and strengthening public health systems. She is a researcher on the USAID Emerging Pandemic Threats PREDICT project. Ms. Machalaba serves as the Science Officer for the Future Earth oneHEALTH project, which is aimed at generating solutions-oriented research to address the health impacts of global environmental change. She holds an undergraduate degree in Biology and a Master’s in Public Health, and is currently a doctoral student in environmental and occupational health at the City University of New York School of Public Health.
About the Contributors

**Carina Margonari** is a Biologist, with a Ph.D. in parasite biology, and is a researcher at the René Rachou Research Center and works with molecular biology, parasitology, entomology and epidemiology, especially with topics related to tropical diseases, phlebotomines and leishmaniasis.

**Júlia Alves Menezes** is a Biologist, MSc in Sciences by the René Rachou Research Center, Oswaldo Cruz Foundation. Her work themes are related to public health, eco-epidemiology of infectious diseases, impacts of climate change on human health and socio and environmental vulnerability to environmental change.

**Timothy Robinson** is a Principal Scientist within the Livestock Systems and Environment (LSE) research theme of the International Livestock Research Institute (ILRI). He has more than 20 years of experience working in the field of spatial analysis in relation to agriculture, food security and poverty alleviation, during which he has worked within the United Nations, the CGIAR system, UK universities and government departments. He has published extensively on a variety of topics; most recently relating to the global livestock sector. His research interests include the application of spatial analytical techniques to understanding and predicting current and future livestock species and production systems distributions – particularly in the context of social, environmental and epidemiological risks and opportunities associated with a changing livestock sector.

**Cristina Romanelli** works at the nexus of biodiversity conservation, ecosystem and human health with the United Nations Secretariat for the Convention on Biological Diversity where she coordinates the joint work programme with the World Health Organization. Her work focuses on global policy development, building international cross-sectoral partnerships, conducting interdisciplinary research at the science-policy interface, and building national capacity to support the implementation of the Strategic Plan for Biodiversity 2011-2020, the Sustainable Development Goals and post-2015 development agenda. She has organized several regional capacity-building workshops including in the Americas and Africa regions. She is a research fellow with the United Nations University - International Institute for Global Health, Malaysia. She has also co-authored various book chapters, UN reports, and peer-reviewed publications, including with The Rockefeller Foundation-Lancet Commission on Planetary Health. She recently led the development of the state of knowledge review, Connecting Global Priorities: Biodiversity and Human Health co-published by WHO and SCBD. She holds an MA in international relations, an MSc in environmental impact assessment and is pursuing Doctoral studies at University College London, UK.
About the Contributors

Maria Ines Zanoli Sato graduated in Biomedicine at São Paulo Federal University, obtained the PhD in environmental microbiology from São Paulo University in 1995. Director of the Department of Environmental Analysis at CETESB, the Environmental Company of São Paulo State, where leads a team of biologists, pharmaceutical-biochemists, chemists, biomedical scientists and technicians responsible for the analytical and scientific support of environmental quality monitoring programmes and enforcement activities carried out by the Company. Has strong scientific knowledge and experience in the environmental sciences and the management of analytical laboratories and scientific projects.

Peter Stoett is Director of the Loyola Sustainability Research Centre and Professor in the Department of Political Science at Concordia University in Montreal. His main areas of expertise include international relations and law, global environmental politics, and human rights. His latest single-authored book is Global Ecopolitics: Crisis, Governance, and Justice (University of Toronto Press). He is currently working on several issues including invasive species policy, transnational environmental crime, and oceans governance.