

Biographies and Acknowledgments

Biographies

Chapters' Authors and Contributors

Diana Nur Afifah is a lecturer in the Department of Nutrition Science, Faculty of Medicine, Universitas Diponegoro. Her area of interest is nutrition and functional food. She is a researcher in CENURE (Center of Nutrition Research) Universitas Diponegoro. Her research mainly supported SDGs, especially Goal 2: No hunger and Goal 3: Good health and wellbeing. Her research was published in reputable international journals. She is also frequently invited as a speaker regarding this goal as community service activities on television and radio.

Dessy Ariyanti is a lecturer in the Department of Chemical Engineering, the Faculty of Engineering, Universitas Diponegoro. She holds doctoral degree in Chemical and Material Engineering from the University of Auckland, New Zealand. Her research focuses on the development of advanced materials for water and wastewater treatment, renewable energy, and energy storage system. She is a researcher in Center of Biomass and Renewable Energy as well as in Advanced Material Laboratory in Universitas Diponegoro. She also actively involved in the community developments program for plastic waste and organic waste conversion into valuable products.

Mr. Subbiah Arjunapermal is the Director of the Regional Integrated Multi-hazard Early Warning System (RIMES) and works with the RIMES Council in leading RIMES and delivering on its long-term vision of forearmed, forewarned and resilient communities. Subbiah has operational responsibility for the RIMES Program Unit and Regional Early Warning Center, including their staff and programs, expansion, and execution of RIMES' mission.

Subbiah has over 20 years of experience in establishing multi-institutional and multi-disciplinary mechanisms and building institutional capacities for generation and application of climate information at different timescales, as well as 39 years of experience in drought mitigation and management. He served as Reviewer of the IPCC Special Report on Managing Risks of Extreme Events and Disasters to Advance Climate Change Adaptation (2010–2012). Subbiah held senior positions with the Government of India, involved in policy formulation and implementation of development and disaster risk reduction programs until the late 1990s. Subsequently, Subbiah held the post of Director, Climate Risk Management and Team Leader for Early Warning Systems at Asian Disaster Preparedness Center, and evolved and implemented a multi-country Climate Risk Management program and regional multi-hazard project that eventually transformed into RIMES in 2009 as an inter-governmental and international institution.

He has guided capacity development programs for National Meteorological and Hydrological Services of over 20 countries in Asia, Africa and Pacific for better-resolution and more reliable weather and climate forecasts and in establishment of forecast provider-user forums to foster collaboration among National Meteorological and Hydrological Services and their stakeholders for increasing the use of climate information in planning and decision-making processes. He has facilitated the application and integration of science-based information on weather, climate, and hazards in sectoral planning and end-user decision-making, for resource management and reducing disaster risks in several countries.

He has expertise in assessment of climate variability impacts on communities and on biophysical and societal systems, and subsequent evaluation of application potential of long-lead forecasts for local resource management that led to the development, funding, and implementation of several climate forecast application programs. He has also developed and operationalized drought management strategies for 1987–1988 and 2000–2001 drought events in India.

Muhammad Attorik Falensky was born in Sungai Penuh, Jambi, Indonesia on July 11 1999. He achieved his Bachelor of Science degree from the Department of Geography, Universitas Indonesia in 2021. Recently, he focused on developing the education community 'Sungai Inspirasi' in Sungai Penuh Kerinci and now he is a hydrology research assistant at the University of Indonesia and has published several academic research in the utilization of GIS and Remote Sensing in hydrology, forestry and settlement. His latest publication is 'Evaluation of urban settlement sustainability in an inland municipality in Central Java, Indonesia', published in the IOP Conference Series: Earth Environmental Science.

Dr. Itesh Dashheads (Systems Research and Development Division at RIMES) has developed and supervised planning, design, development of several decision support systems, solutions, and processes that meet early warning and domain specific user needs effectively and efficiently. He also leads the implementation of the Impact based forecasting, data mining and analytics and prioritizes mainstreaming and application of weather and climate information in decision making for critical Sectors like Agriculture, Water Resources, Disaster Management. Itesh has more than 15 years of combined operational experience in the DSS development, and community level Capacity development of the end users in the RIMES member states in using these tools. He has operational working Experience in more than 15 countries including Africa, Asia and the Pacific.

He holds a Master's degree in Information Communication and Technologies and a Ph.D. degree in Disaster Management from Asian Institute of Technology, Thailand.

Gina Fitri was born in Sarilamak, Indonesia, on January 15, 1999. She obtained her bachelor's degree from the Department of Geography, Universitas Indonesia in 2021 and currently continued her career as a Risk Management Officer in PT Superintending Company of Indonesia (SUCOFINDO). She focuses on pursuing future opportunities related to risk management and tries to elaborate between geography and risk management.

Dr. Pascaline Gaborit is the lead author and editor of this book. She is the director of [Pilot4dev](#). The aim of PILOT4DEV is to connect stakeholders to boost sustainable development but also to create dialogue among institutions, stakeholders and civil society. Pascaline Gaborit graduated in social sciences with a PhD. on trust and conflicts including questions related to resilience. She is climate Chair for Belgium of the G100 women's network. She also was a member of WIIS Brussels: Women in international security.

She published books and articles on cities, climate international cooperation, culture, conflicts, security and gender. She worked for the Global relations forum (strategic Director), and for an international cities network www.pilotcities.eu.

She organizes, and moderates events, publishes reports and analysis, manages projects, coaches events and occasionally gives lectures at university. She is part of the scientific committee in several programs and European projects. She is a Sea Ambassador, Professional Dive Guide, Diving assistant instructor, and instructor on marine ecosystems under the SSI federation (Scuba School International) in her free time. She is equally the happy mother of two children. Pascaline currently works for the project '[CRIC: Climate Resilient and Inclusive Cities](#)' taking place in Southeast Asia and in India. The project focuses on Early Warnings, Climate adaptation, and Disasters' resilience strategies. She is involved in other projects in different countries and regions: in Europe, in Tanzania with the project Pilot 4 Research and Dialogue, www.pilot4dialogue.com, and in Guadeloupe/Caribbeans with the project LIFE Adapt Island. www.cayoli.fr/lifeadapt. Her main books include: '*Learning from Resilience Strategies in Tanzania, an outlook of international development challenges*' (2021) available in open Access: [Learning from Resilience Strategies in Tanzania - Peter Lang Verlag](#), '*The strength of Culture for Development*' (2015); and '*European and Asian Sustainable Towns*' (2016), all published by Peter Lang International. She had published earlier a collective book on '*Gender Stereotypes*' (2008) and another on '*Trust in post conflict societies*' (2009) by publisher L'Harmattan.

She contributed to 2 international reports:

- Hidden Cities Report, World Health Organization-UN Habitat, 2010
- Second Urban Climate Change Research Network (UCCRN) 2018, Assessment Report on Climate Change and Cities (ARC3-2). Contribution to chapter 2: Civic Engagement

Wiwandari Handayani is a professor at the Department of Urban and Regional Planning, Universitas Diponegoro. She graduated with a bachelor's degree in urban and regional planning (UNDIP), master's degrees in urban and regional planning (ITB) and population studies (ANU-Australia), and holds a doctoral degree from the University of Stuttgart – Germany in Regional Development Planning. Her research focuses on urban and regional resilience. She actively involves in works related to urban/region resilience since 2011. She was in the team of Asian Cities Climate Change Resilience Network (ACCCRN) in 2011–2014 and Deputy Chief Resilience Officer of Semarang City since 2015.

Muhamad Iko Kersapati was born in Bekasi, Indonesia, April 23, 1994. He obtained his bachelor's degree from the Department of Geography, Universitas Indonesia in 2017. In 2021, He continued his study as a master student at Data Science for Cultural Heritage, University College London. Latterly, he is developing the utilization and implementation of Geographical Information Systems (GIS) in arts, humanities, and social sciences as his specialty in the integrated method of research. In 2020, he was involved as the team leader for book writing of Spice Routes with the focused region of Banda Islands, held by the Ministry of Education and Culture as a part of the Spice Routes Program.

Dr. Satyagopal Korlapati, is an officer belonging to the Indian Administrative Service of 1987 batch, allotted to Tamil Nadu Cadre. Besides Master's degree, Doctor of Philosophy in Zoology, & P.G. Diploma in Environmental Studies, he also has Masters Degree in Public Administration (Maxwell School, Syracuse University, USA) & Graduate Certificate in Environmental Decision Making (State University of New York, College of Environmental Science & Forestry) USA. He is a recipient of International Honour of Phi Beta Delta Award for excellence in Academics. He worked extensively on Environment related issues in the State of Tamil Nadu as well as in Government of India in various capacities. During his field assignments as Sub-Collector, Additional Collector (Development) and District Collector he was very active in promoting Soil & Moisture Conservation, Integrated Watershed Management, Rehabilitation & Restoration of Water Ways & Bodies, Drought Mitigation, Afforestation and Sustainable Rural Development besides promoting Community & NGO involvement in Interface forest management. As Additional Chief Secretary/Commissioner Revenue Administration & State Relief Commissioner, he strengthened Preparedness, Rescue, Relief and Build Back Better Systems to promote Risk Reduction & to enhance Resilience to Disaster Risks. Several new practices were introduced during his tenure which, were identified as Best Practices by National Disaster Management Authority & recommended to other States for adoption. He prepared and secured approval for TN State Disaster Management Perspective Plan 2018–2030, which adopts Systems Approach for holistic treatment of river basins & protection of fragile ecosystems to reduce disaster risks and enhance resilience to fulfill the major goals identified under Sendai framework. As State Relief Commissioner, he managed the worst drought faced by Tamil Nadu during the years 2016 & 2017 and the severe water crisis during 2019 in Chennai and a few other Districts. He also initiated several measures for Flood Mitigation such as Cut & cover Canals, riverine reservoirs, diversion canals for Intra-basin transfer, substitution of concrete surplus weirs with shutters etc. which, provided permanent solution in many Areas of Very High Vulnerability in Chennai & its neighborhood. He successfully handled severe Cyclones and minimized loss of lives during Vardha, Ockhi & Gaja Cyclones. He took personal interest in implementing, on a large scale, Rain water harvesting works, conversion of defunct recharge bore-wells & open-wells as recharge structures and renovation of Temple Tanks.

Ilya Moeliono has more than 20 years of experience in various development program including participatory action research, conflict resolution, participatory planning and networking in Indonesia. He graduated from Cornell University with a thesis that focused on conflict resolution management. He had written several publications in natural resource management, conflict management, and participatory appraisal. He currently serves as Senior Advisor in CRU.

Dr. Unang Mulkhan is the Director of the SDGs Center at the University of Lampung in Indonesia. Currently, he is also one of teachers for a course called Co-Design for Inclusive Public Spaces and Services (CIPSS) under the project of Lund University, Sweden for three countries: Indonesia, Lebanon and Turkey. He is also a research consultant for Raoul Wallenberg Institute (RWI) of Asia Pacific office in designing handbook and modules for localizing human rights especially gender and environmental aspects in the context of SDGs in Asia Pacific. In 2020, he conducted an Urban Analysis Report of Pangkalpinang city in the island of Bangka Belitung in Indonesia, under the Climate Resilient and

Inclusive Cities (CRIC) project funded and supported by European Union (EU) and ACR+ Association of Cities and Regions for sustainable Resource management. Mr Mulkhan received his doctoral degree in Management, Work and Organisation from the University of Stirling in the UK and postgraduate diploma from the Institute for Housing and Urban Development Studies (IHS) at Erasmus University, the Netherlands.

Mr. Ramraj Narasimhan is the Chief, Special Programs Management at the Regional Integrated Multi-hazard Early Warning System (RIMES). He has over 20 years of experience in Disaster Risk Reduction with expertise straddling development & humanitarian domains.

With United Nations Development Program (in India, Sri Lanka and Nepal) and intergovernmental organizations such as ADPC and RIMES, he has worked in 15 Asian and African nations on designing and implementing varied national/regional disaster risk reduction programs. In several countries, he has provided advise to, and worked with national governments, Planning Commission, Federal Parliament on development issues with focus on disaster and climate risk management and in formulation of national roadmaps/strategies for disaster risk reduction (DRR) aligning with Agenda 2030, Sendai Framework for DRR.

He has played significant roles in responses to 3 major crises- 2015- Nepal Earthquake, 2004- Indian Ocean Tsunami and the 2003- Sri Lanka Floods, formulating and managing programs on post-disaster recovery and reconstruction, early warning systems and climate risk management leading to long-term resilience and development. He is an Architect-Planner by qualification, with specialization in housing.

Kamlesh Kumar Pathak has over 17 years of experience in climate change policy and in managing projects and programs in low-emission developments and climate resilient investments with focus on manufacturing, energy infrastructure, urban and related cross-sectoral issues. He provided expertise and technical assistance to National Government, Sub-National Government, private and non-profit sectors in designing and implementation project and program governed by international conventions and agreements. His engagement is prioritized around topics of climate change, SDG goals and providing expertise on projects with DFIs (Banking and Insurance Sector), International Development Organisations and multilateral development banks.

He is actively engaged in providing expertise on projects funded by European Union & member institutions and UN within the procurement framework of Grant and RFPs to accelerate action on multilateral environmental agreements and mechanism (NDC, GCF etc)

Bulan Prabawani is a lecturer as well as a researcher at the Department of Business Administration, Faculty of Social and Political Sciences. She graduated with a bachelor's degree in Business Administration (UNDIP), a master's degree in Management (UNDIP), and holds a doctoral degree from Edith Cowan University, Australia in Business. Bulan is the Head of the Business Administration Department since 2016 and is actively involved in research at Education for Sustainable Development (ESD) and Business Sustainability in which she has obtained national competitive grants for research and publication since 2014 for ESD, redenomination, business sustainability.

Heri Purwanto was born in Karanganyar, Indonesia, October 8, 1995. He graduated with a Bachelor of Archaeology, Udayana University, Bali in 2017 with the specification of classic archaeology. Recently, He continued his master's degree in the Faculty of Brahma Widya, Hindu State University of I Gusti Bagus Sugriwa, Bali. He has published several academic research and his recent work are 'Mandala Kadewaguruan: Religious Educational Site in the Western Slope of Lawu Mountain in XIV-XV Century', published by the Indonesian Journal of Education and Culture 2020.

Dr. Jothiganesh Shanmugasundaram is a Climate Application Expert. He focused on risk assessments, evaluated and facilitated development of appropriate climate application products and services based on user need assessments, and facilitated capacity building activities of RIMES Member States in the application of these products and services for improved planning and decision-making to manage resources and disaster risks in climate sensitive sectors. He has more than 10 years of experience in implementing climate risk management, disaster risk assessment

and management projects for more than 20 countries in Asia-Pacific region, with several government, non-government, inter-government, international, and UN agencies.

He holds Ph.D. in Geography with specialization in Climatology from West Virginia University, USA; M.E in Remote Sensing and Geographic Information System from Asian Institute of Technology, Thailand; and B.E in Civil Engineering from Annamalai University, India.

Zoé Thouvenot studied political sciences at the Free University of Brussels and the Higher School of Economics of Moscow where she obtained her bachelor's degree. Then, she studied at Trinity College Dublin in International Politics (MSc) with a particular focus on environmental politics, economic inequalities in their relationship to democracy, the functioning of the European Union and the concept of political illiberalism. She currently works at Pilot4DEV as project officer. Her email is the following: zoe.thouvenot@gmail.com

Arief Wicaksono has more than 30 years of experience in climate change, land and natural resource management, Strategic Environmental Studies (SEA) and strengthen local communities' capacities to be able manage their environment with several national and international non-governmental organizations (NGOs), and several international development projects in Indonesia. He currently serves as Director of Conflict Resolution Unit (CRU).

Additional CRIC and Pilot4dev Experts

Prof Youssef Diab is Director of Research at the University Gustave Eiffel. He is a recognized expert on cities' resilience, governance and climate adaptation. He obtained his Ph.D. in Civil and Environmental Engineering in 1992 and his Habilitation Diploma for Research in 2000 in the field of Urban Engineering and Environment. He is Professor of Urban Engineering at UPEM and also scientific director of the EIVP where he is in charge of the R/D strategy and management. During the last 10 years he managed a research program of an amount of 1 Million Euro/year in the field of sustainable and resilient urban planning and design. He already supervised 38 Ph.D. theses and has more than 100 papers in international conferences and referred journals. His research work is related to the field of sustainable and resilient cities and sustainable urban policy by developing making decision tools.

Prof. Isabelle Milbert graduated in Law and Political Sciences at the University of Paris, where she specialized on Indian law and urban management. She arrived in Geneva in 1988 to teach at the Graduate Institute of Development Studies (IUED) and carry out research and consultations for various assignments (Swiss Development Corporation, French Ministries, and International Organisations). From 2001 to 2004, she headed project team on 'Governance, Human Development and Environment', under the NCCR North South. She is the head of the Geneva Federation for Cooperation's Commission for knowledge sharing and is the President of Pilot4dev since 2018.

Contributions and Acknowledgments

We thank all the authors, contributors and reviewers of this book.

We would like to thank all the people who have made this book possible and especially **Vishnu Rao, Dr. Alain Simon, and Bertrand Ginet** for their chapters' peer reviews.

For the content, we would like to thank the team at UCLG ASPAC, in particular **Aniessa Sari, Hamidah Nur, Hizbullah Arief, Putra Dwitama, Asih Budiati, Arie Setiawan, Maria Serenade, Dr. Bernadia Irawati Tjandradewi, the field officers** and their colleagues. We would like to **thank all the experts of the urban analysis reports, the project partners, and the cities' representatives**. We would also like to thank the whole team of the **LIFE Adapt Island project in particular Mélissa Dalle and Léna Jardin**.

Finally, we are grateful to **Addison Adkins** for the proofreading, editing and improvements of the language. **Addison Adkins** has been educated at the University of Southern California, the London School of Economics and Political Science, and obtained her MSc in International Politics from Trinity College Dublin. Her email is adkinsaddison@gmail.com.