Contributors

Mamoon Allan is Associate Professor of Tourism Marketing in the Department of Tourism Management, University of Jordan. He conducts international research and projects in the fields of geotourism, accessible tourism and tourism motivation in Jordan, Libya and Australia. Email: mamoon1073@yahoo.com.

Richard S. Aquino is a PhD candidate at Auckland University of Technology, Auckland, New Zealand. Informed by his practical experience in planning for natural area tourism in the Philippines, his research interests include geotourist behaviour and experiences in volcanic environments, and the adoption of geotourism, geopark, and tourism social entrepreneurship concepts in developing countries. Email: aquino.chard@yahoo.com; raquino@aut.ac.nz.

Asfawossen Asrat is Professor of Geology at the Addis Ababa University, Ethiopia. Trained as a petrologist-geochemist, he currently conducts research on the geoheritage and geotourism potential of Ethiopia, in addition to his major field of research in isotope geochemistry and paleoclimate reconstruction. He is currently serving as a member of the UNESCO Global Geoparks Council. Email: asfawossen.asrat@aau.edu.et.

Norzaini Azman is a Professor in Adult and Higher Education in the Department of Educational Leadership and Policy, Faculty of Higher Education, Universiti Kebangsaan Malaysia (UKM). She has researched and worked on public education activities in Langkawi Global Geopark. Email: zaini.azman@yahoo.com.

Theodore Brown is Head of International Marketing and Promotion and English Language Information, Itoigawa UNESCO Global Geopark, Itoigawa, Japan. Trained in Japanese Linguistics and Cultural Anthropology, his interests include the connection between local geology and topography and cultural development as well as geo-cultural tourism. Email: theodore.brown@city.itoigawa.lg.jp.

Maurizio Burlando is former Director of the Beigua UNESCO Global Geopark, Director of the Arcipelago Toscano National Park and Professor of Nature Protected Areas at the University of Genoa. His principal research interests are geopark management, geotourism, scientific interpretation and educational programs, nature protected areas management and planning. He is author of several articles, conference papers and books on Geoparks and Nature Protected Areas. Email: maurizio.burlando@tiscalinet.it.

Hery Sigit Cahyadi is Associate Professor and Head, Tourism Destination Studies, Bandung Institute of Tourism, Bandung, Republic of Indonesia. Email: herysigit@gmail.com.

Carlos Neto de Carvalho is the Technical Director of Naturetejo UNESCO Global Geopark, Portugal and a member of the Advisory Committee of the European Geoparks Network. He also collaborates with the Instituto D. Luiz, University of Lisbon. Carlos conducts global research on Geoconservation, Geo-education and Geotourism.
Renee M. Clary is Professor of Geology, Graduate Coordinator, and Director of the Dunn-Seiler Museum, Mississippi State University, USA. She researches informal geotourism sites for optimized educational opportunities and improved public geoliteracy. She and the late Jim Wandersee co-founded EarthScholars Research Group in 2002, and started researching fossil parks in 2003. Email: RClary@geosci.msstate.edu.

Kevin Crawford is a Senior Lecturer, Department of Geography and Environmental Science, Liverpool Hope University, Liverpool, England. His research interests include geocuration, geoheritage and geotourism and his recent geotourism research has focused on Malta and the Giant’s Causeway, Northern Ireland. Email: crawfok@hope.ac.uk.

Eliane Aparecida Del Lama is a Geologist and Associate Professor in the Institute of Geosciences, University of São Paulo – USP, Brazil. She participates in the Geohereditas (Research Support Center in Geological Heritage and Geotourism) and has research interests in the urban geotourism. Email: edellama@usp.br.

Ross Dowling is Foundation Professor of Tourism in the School of Business & Law, Edith Cowan University, Australia. He has degrees in geology, geography and environmental science and he has a deep interest in the development of geotourism and geoparks. He has co-edited three books on geotourism and convened the first three global conferences on the subject. Email: r.dowling@ecu.edu.au.

Ann Dumaliang co-founded and established the Geopark and Geotourism direction for the Masungi Georeserve in Baras, Rizal, Philippines. She was responsible for establishing the Georeserve’s Discovery Trail. She has a BS (Management) with a specialization in Marketing, and is a National Geographic Explorer. Email: dumaliang.ann@masungigeoreserve.com.

Billie Crystal Dumaliang is the Advocacy Officer for the Masungi Georeserve, in Baras, Rizal, Philippines. She is Vice President of the sustainable development firm Planning Network Inc. In 2014 she graduated Magna Cum Laude from the Ateneo de Manila University with a specialization in Social Impact and Entrepreneurship. Email: dumaliang.bc@masungigeoreserve.com.

Patricia Erfurt is a researcher and consultant at Geotourism Australia. Her research focuses on geotourism in volcanic and geothermal environments. She is the editor of the book Volcanic Tourist Destinations (2014). Email: Patricia.Erfurt@my.jcu.edu.au.

Stephen Espiner is a Senior Lecturer in the Faculty of Environment, Society and Design, Department of Tourism, Sport and Society, Lincoln University, Lincoln, New Zealand. Stephen’s research focuses on hazard management at nature-based tourism sites. Email: Stephen.Espiner@lincoln.ac.nz.

Neda Torabi Farsani is Assistant Professor in Tourism at the Art University of Isfahan, Isfahan, Iran. She gained her PhD degree in Tourism from the University of Aveiro, Portugal. She is the editor of the book Geoparks and Geotourism: New Approaches to Sustainability for the 21st Century. Email: n.torabi@aui.ac.ir.

Wellington Ferreira da Silva Filho is Professor of Geology at the Federal University of Ceará, Brazil. He has been investigating Araripe Basin and Araripe Plateau since 1998.
Handbook of geotourism

and is the Vice-Coordinator of the paleontological research cooperation between Federal University of Ceará and Senckenberg Institute, Germany. Email: welfer@ufc.br.

Matteo Garofano is President of the Geotourism Association located in Genoa, Italy. He has written many papers and articles on Geotourism and published the first Italian book on the subject in 2003. He leads geological tours to many parts of the world including the Azores, Canary Islands, Cape Verde, Iceland, Indonesia, Italy, Madeira, Morocco and Turkey. Email: garofano@geoturismo.it.

Alexander Gates is a Distinguished Service Professor in the Department of Earth and Environmental Sciences, Rutgers University, Newark, New Jersey in the United States. He is trained as a structural and tectonic geologist with interest in fault kinematics and regional tectonics but has developed strengths in geoscience education, especially to a diverse public. Email: agates@rutgers.edu.

Christopher Gomez is an Associate Professor in the Graduate School of Maritime Sciences, Kobe University, Kobe City, Japan. He investigates environmental processes with an emphasis on hazardous earth-processes. Email: christopher_gomez_kobe@yahoo.co.jp.

John E. Gordon is an Honorary Professor in the School of Geography and Sustainable Development at the University of St Andrews, Scotland. He is a Deputy Chair of the Geoheritage Specialist Group of the IUCN’s World Commission on Protected Areas. His research interests include geoconservation, geotourism and mountain and Quaternary geomorphology. Email: jeg4@st-andrews.ac.uk.

Murray Gray is Emeritus Reader in the School of Geography, Queen Mary University of London, England and is a Visiting Professor at the University of Minho, Portugal. Trained as a glacial geomorphologist, he currently has research interests in the principles of geodiversity and geoconservation including their relationship with geotourism. Email: j.m.gray@qmul.ac.uk.

Nicole Grünert operates a safari business, Hardrock Safaris in Namibia, specializing in Geotourism. She holds a masters degree in Geology and is the author of the books Namibia – Fascination of Geology (2000) and Namibia – Geological Wonderland (2015). Email: hardrocksaferis@gmail.com.

Eduardo da Silva Guimarães is Tourism Coordinator, Araripe UNESCO Global Geopark, State of Ceará, Brazil. He is a Physical Educator and doctoral student in Sports Science. Email: eduardoguimaraes@urca.br.

Sharina Abdul Halim, is a Senior Lecturer at the Institute for Environment and Development (LESTARI), Universiti Kebangsaan Malaysia (UKM). Her research interests include, sustainable livelihoods, community-based adaptation, heritage conservation and geopark development. Email: sharinahalim@ukm.edu.my.

Herlina (one name only) is an Ecotourism and Adventure Tourism Development Officer, Ministry of Tourism, Republic of Indonesia. Email: herlina.tourism@gmail.com.

Yongmun Jeon is a geologist and works for Jeju Island UNESCO Global Geopark, Republic of Korea. He graduated from Gyeongsang National University with a PhD. His current research interests focus on Jeju Island geopark activity. Email: ymjeon74@korea.kr.
Jean F. Johnston has just retired from the Geological Survey of Western Australia after a long career editing their publications. Over the last ten years she has been keen to bring geology into the lives of everyone and has co-authored and edited books, booklets and pamphlets on the world-class geological icons of Western Australia. Email: teja@iinet.net.au.

Halina Kobryn is a Senior Lecturer in Environmental Science at Murdoch University, Perth, Australia. Her research is in the applications of geographic information systems and remote sensing in natural resource management including marine sciences and protected areas. She is also interested in tools for spatial decision making and mapping conflict potential. Email: H.kobryn@murdoch.edu.au.

Ibrahim Komoo is a Principal Fellow at the Institute for Environment and Development (LESTARI), Universiti Kebangsaan Malaysia (UKM). He has extensive experience and research on geoheritage, geotourism, and geoparks, and is considered a world leader in these fields. Email: ikomoo@yahoo.com.

Lucie Kubalíková is a physical geographer and geomorphologist in the Institute of Geonics of the Czech Academy of Sciences. Her research interests are focused on geoheritage, geoconservation and geotourism with an emphasis on the use of anthropogenic landforms as a resource for geotourism and geo-education activities. Email: Lucie.Kubalikova@ugn.cas.cz.

Ulrich Lagally (geologist, PhD) is the retired Head of Department, Bavarian Environment Agency, Augsburg, Germany. His research interests comprise the development and implementation of the Bavarian Geosite Database (Geotopkataster Bayern), the introduction and supervision of the program ‘Bavaria’s Most Beautiful Geosites’ and the co-ordination of the ‘Day of Geosites’. Email: ulagally@hotmail.com.

Jonathan Larwood is Senior Specialist – geology and palaeontology, Natural England. His research interests lie in geoconservation, geotourism, palaeontology, urban geology and geological history. Email: jonathan.larwood@naturalengland.org.uk.

Eva Almeida Lima is responsible for the Geoconservation and Environmental Planning of Azores UNESCO Global Geopark, Portugal. She is also the Director of the TURGEO project ‘Definition of carrying capacity for touristic use of geosites: a tool for the sustainability and tourism valuing of the natural resources of the Azores’ Email: evalima@azoresgeopark.com.

Laryssa Sheydder de Oliveira Lopes is Professor of Geography, Piauí State University, Piauí, northeastern Brazil. Email: sheydder@yahoo.com.br.

Marisa Machado graduated as a Nature Guide from the Azores University, Portugal. She is currently collaborator of the TURGEO project ‘Definition of carrying capacity for touristic use of geosites: a tool for the sustainability and tourism valuing of the natural resources of the Azores’. She is also responsible for the Tourism, Communication and Marketing sector of the Azores UNESCO Global Geopark. Email: marisamachado@azoresgeopark.com.

Piotr Migoń is a geomorphologist based at the University of Wrocław, Institute of Geography and Regional Development, Poland. He works mainly in Central Europe,
focusing on granite landforms, sandstone geomorphology and landslides. He also works with local activity groups in Poland to promote geoheritage and develop geotourism. Email: piotr.migon@uwr.edu.pl.

Randall Miller is the Geoscientist for Stonehammer UNESCO Global Geopark and Curator Emeritus, Geology and Palaeontology, New Brunswick Museum, Canada. His research interests focus mainly on Paleozoic and Quaternary palaeontology and the history of geological exploration in New Brunswick. Email: Miller.Fossil@nbm-mnb.ca.

David Newsome is an Associate Professor in the Conservation and Environment Group at Murdoch University, Western Australia. His research interests include the development of sustainable tourism, encouragement of local communities to maintain environmental quality and the enhancement of geodiversity, biodiversity and protected areas globally and especially in Southeast Asia. Email: D.Newsome@murdoch.edu.au.

Rolando Peña is a geologist and the author of the *Lexicon of Philippine Stratigraphy*, Philippines. He is a member of the Geological Society of the Philippines, the Geological Heritage Committee, and has previously been a Regional Director for the Mines and Geosciences Bureau. Email: rolpena22@yahoo.co.uk.

Heather Purdie is a Senior Lecturer in the Department of Geography, University of Canterbury, Christchurch, New Zealand. She is a glaciologist focusing on the response of mountain glaciers to climate change. Email: heather.purdie@canterbury.ac.nz.

Angela Riganti is the Content Manager at the Geological Survey of Western Australia. Her work focusses on the design and management of geoscience databases. She is an ardent advocate for promoting community awareness of the role of earth sciences in every day’s life. Email: angela.riganti@dmirs.wa.gov.au.

John Paolo R. Rivera is Associate Director of the Dr Andrew L. Tan Center for Tourism, Asian Institute of Management, Makati City, Philippines. His research interests include economic and tourism development. Email: riverajp.aim@gmail.com; jrivera@aim.edu.

Dmitry A. Ruban is an Associate Professor in the Higher School of Business, Southern Federal University, Rostov-na-Donu, Russia. His research interests are in geotourism’s conceptual framework, geoparks, and geological heritage classification. E-mail: rubandd@mail.ru.

Hanang Samodra is a Senior Geological Researcher at Geological Agency, Ministry of Energy and Mineral Resources, Republic of Indonesia. He has multi-aspect research experiences on geodiversity, geoheritage, geoconservation, and geopark. He is an Indonesia Representative on the Global Geoparks Network, Advisory Committee Member of the Asia Pacific Geoparks Network, and Vice Chairman of the Indonesia National Committee for Geoparks (AdHoc). Email: hanangsamodra69@gmail.com.

Rafael Celestino Soares is a geographer and Geoconservation Coordinator of Araripe UNESCO Global Geopark, Brazil. He is a collaborator in the Morro do Chapéu Geopark Project, State of Bahia. His area of research interests include geotourism, geoconservation, geodiversity, and the territorial development of geoparks. Email: rafaelcsoares@outlook.com.
Ko Takenouchi is Chief Curator and Deputy Director of the Fossa Magna Museum, the research center of Itoigawa UNESCO Global Geopark, Itoigawa, Japan. Trained in structural geology, his research interests include crustal deformation in the Japanese Archipelago and its relation to the natural environment and the lives of people. Email: ko.takenouchi@city.itoigawa.lg.jp.

Michael F. Thomas is Professor Emeritus in Environmental Science at the University of Stirling, UK. He is author of ‘Geomorphology in Tropical Environments’ and has major interests in rock weathering and the impacts of climate change on tropical landscapes. He has recently been working on issues surrounding landscape sensitivity, geodiversity and geoheritage. Email: m.f.thomas@stir.ac.uk.

Hiroko Torigoe is based in Itoigawa, Japan. She primarily works as head of relations between the Japanese and the Global Geoparks Networks. She graduated from the Tokyo University of Agriculture where she studied Forest Policy and has worked in promoting Itoigawa UNESCO Global Geopark since 2008. She is also a Global Geopark Evaluator. Email: hiroko.torigoe@city.itoigawa.lg.jp.

Martin J. Van Kranendonk is the Head of the School of Biological, Earth, and Environmental Sciences, University of New South Wales, Australia. Trained as a structural geologist, Martin has spent the better part of three decades pursuing his principal interests of the early Earth and the origin and evolution of earliest life. He collaborates with NASA in the search for life on Mars. Email: m.vankranendonk@unsw.edu.au.

Jutta Weber (geologist, PhD) is Deputy Managing Director, Geoscientific Coordinator, Public Relations and International Affairs Manager, UNESCO Global Geopark Bergstrasse–Odenwald, Germany. She is especially interested in the consideration and communication of the Sustainable Development Goals 2030 related to cooperation projects, educational activities and geotourism development. Email: j.weber@geo-naturpark.de.

Kyung Sik Woo is Professor of Geology at Kangwon National University, South Korea. He is Past President of the International Union of Speleology and Chair of the Geoheritage Specialist Group of the IUCN’s World Commission on Protected Areas. Email: wooks@kangwon.ac.kr.

Graham Worton – Keeper of Geology, Dudley Museum at the Archives, and Black Country UNESCO Global Geopark Project Leader, England. His research interests are in geoconservation, micropalaeontology, Silurian and Upper Coal Measures stratigraphy and palaeogeography, applied engineering and environmental geology and urban geology. Email: graham.worton@dudleygov.uk.

Kejian Xu is an Assistant Professor at the School of Economy and Management, China University of Geosciences, Beijing, China. Her research focuses on geotourism and geoparks management. She is also a secretary of Asia Pacific Geoparks Network. Email: kejian77@foxmail.com.