

Contributors

RANDY ANGUS is the Director of Integrated Resource Management for the Mi'kmaq Confederacy of Prince Edward Island (MCPEI). MCPEI was the community partner for the Partnership for Canada-Caribbean Community Climate Change Adaptation (ParCA) research project on Prince Edward Island. He was involved in facilitating the cultural values mapping research with First Nations on PEI.

DR. DEREK ARMITAGE of University of Waterloo was a Co-Investigator on the Partnership for Canada-Caribbean Community Climate Change Adaptation (ParCA) project and Lead for the Governance Working Group. In this role he helped to facilitate or oversee governance research in all four ParCA learning sites, including Nova Scotia.

BRIAN BEATON is a doctoral candidate in the Faculty of Education at the University of New Brunswick (UNB) and a researcher with the UNB First Nations Innovation research project (firstmile.ca) since 2013 when he moved to Fredericton, NB. He is the father of four and grandfather of nine Indigenous youth located in Northern Ontario. He works with the remote Keewatinook Okimakanak (KO) First Nations as a Research Associate of their Research Institute (KORI). Before moving to UNB, Brian was the Co-ordinator of KO's Kuhkenah Network (KNET) for 20 years. He worked with remote and rural First Nations building and supporting a variety of community-owned telecommunications infrastructures and social enterprises that continue to operate in communities across Ontario and other parts of Canada. He is one of the founding directors of the First Mile Connectivity Consortium.

HANNAH BELL holds an MBA in Innovative Management from UPEI, and has 30 years of varied experience in the public, private, and

non-profit sectors in the UK, Brussels, and Canada. She is currently the Executive Director of the PEI Business Women's Association; owner of the consultancy firm "The Solution Agency"; a partner in the training firm "Business Learning Solutions"; and co-owner of "The SPOT Charlottetown," a creative co-workspace and business incubator. Her work focuses on building capacity and influencing change through the power of storytelling, practical training and skills development, strategic planning and partnerships, and sustainable project design.

DR. LAURIE BRINKLOW is Co-ordinator of the Institute of Island Studies and the UNESCO Chair in Island Studies and Sustainability at University of Prince Edward Island, and was the Chair of the Building Community Resilience Conference (the 10th North Atlantic Forum and 27th Canadian Rural Restructuring Foundation Annual Conference) held in Summerside in September 2015. A 2007 graduate of UPEI's Master of Arts in Island Studies (MAIS) program, she has a PhD in Geography and Environmental Studies from University of Tasmania. She teaches in the MAIS program at UPEI and is particularly interested in the power of place and story, and their impact on identity. She has published in several academic journals and books, and is the author of a book of poetry, *Here for the Music* (Acorn 2012).

DR. H. CAROLYN PEACH BROWN was a Co-Investigator on the Partnership for Canada-Caribbean Community Climate Change Adaptation (ParCA) project and Research Team Lead at the University of Prince Edward Island. She convened the panel on Building Resilient Coastal Communities in the Context of Climate Change at the 2015 North Atlantic Forum/CRRF Annual Conference, Summerside, PEI. She was also involved in helping to oversee the governance research in NS presented in this book.

SHANDEL BROWN (MES) was a Master's student on the Partnership for Canada-Caribbean Community Climate Change Adaptation (ParCA) project. She completed her degree at the University of Waterloo under the mentorship of Dr. Armitage. She presented her research on "Exploring the suitability of the Harbour Authority governance system to facilitate effective climate change adaptation" at the 2015 North Atlantic Forum.

DR. ANTHONY “TONY” CHARLES was a Co-Investigator in the Partnership for Canada-Caribbean Community Climate Change Adaptation (ParCA), and is currently Principal Investigator in the international Community Conservation Research Network (www.CommunityConservation.Net), as well as a co-investigator in the MEOPAR and Ocean Canada projects. He is the Senior Research Fellow in Environment and Sustainability and professor in the School of the Environment and the School of Business, at Saint Mary’s University in Halifax, NS.

DR. PETER CLANCY is a Senior Research Professor in Political Science at St. Francis Xavier University. His work centres on the interplay of economic and political interests in a variety of settings, including business politics and resource industries. This includes wildlife, forests, petroleum, minerals, fisheries, and water. The geo-political fields for these inquiries include Canada and its regions (Northern, Atlantic, and Prairie in particular) as well as Australasia. Relationships among resource owners, users, and markets figure in most of these studies, with state policy as a crucial mediating form. Peter is the author of *Freshwater Politics in Canada* (2014), *Offshore Petroleum Politics* (2011), *Micropolitics and Canadian Business* (2004), and (with Anders Sandberg) *Against the Grain* (2000).

DR. PETER DEHNE is professor for planning law and building law at the Neubrandenburg University of Applied Sciences and director of the Neubrandenburg Institute for Cooperative Regional Development. After his university degree in town and regional planning and the traineeship for urban development, he was staff member in a town planning office in Berlin. His key aspects of applied sciences are the consequences of demographic change on regional development, the adoption and rebuilding of services of general interests, co-operative regional planning, strategies, and policy for rural areas, as well as strategic planning for small and medium-sized towns. Several research projects are oriented towards strengthening the surrounding area and anchor the University inside the region.

PROF. DAVID J.A. DOUGLAS is Professor Emeritus, University of Guelph, Canada. He was Director of the School of Rural Planning and Development (1985-92) and Professor in the School of Environmental Design and Rural Development. His research, teaching, consulting,

and writing have taken him through most regions across Canada, and to a diversity of international settings (e.g., Japan, Iran, Indonesia, Pakistan) including a number of European contexts such as Ireland, France, Ukraine, Slovakia, Poland, and elsewhere. He is a former President of the Canadian Rural Revitalization Foundation (CRRF) and has been active with the OECD in governance and local development. He specializes in rural community and regional development, including economic development, local government, governance, and planning and development theory. Recent publications have been in rural local government (2016), radical planning practice (2016), community development (2010), and comparative rural development (2009).

DR. RYAN GIBSON is the Libro Professor in Regional Economic Development in the School of Environmental Design and Rural Development at the University of Guelph. Ryan's research and community engagement focus on rural and regional development, governance, philanthropy, and public policy. In 2015, Ryan was elected President of the Canadian Community Economic Development Network, a national organization committed to strengthening communities by creating economic opportunities that enhance social and environmental conditions. Ryan is past president of the Canadian Rural Revitalization Foundation and holds appointments with the Rural Development Institute (Brandon University), the International Centre for Northern Governance and Development (University of Saskatchewan), Institute of Island Studies (University of Prince Edward Island), Saint Mary's University, and Assiniboine Community College.

DR. ANDREW JENNINGS is based in Scalloway, Shetland's ancient capital. He enjoys everything about life in this beautiful archipelago, from rowing in the local yoal team and taking part in the Fire Festival, to walking the dog and experiencing the wild Shetland weather. Living in Scotland's most northerly islands, with their Nordic cultural inheritance, inspires his research and his teaching. He teaches on many aspects of Shetland and Orkney culture and is the programme leader on all the Centre for Nordic Studies MLitts, including the MLitt in Island Studies. He has a particular research interest in the Early Medieval History of the Scottish Islands, with an emphasis on place-names and the Vikings. He wrote his PhD on "Gael and Norse in

Western Scotland c.795 to c.1000.” His other research interests include Small Island Studies, with a particular focus on the islands of the North Atlantic and the Baltic, the history of the North Atlantic between the years 500 and 1200, Norse mythology, folklore of the Northern Isles, Gaelic culture, Shetland in the 16th century, and mapping the Viking age.

KIMBERLEY KENNEDY has over 23 years of Business and Accounting experience in a diverse group of industries including manufacturing, transportation, utilities, and retail. She has also worked with the University of Manitoba as a subject matter expert and online accounting professor and at Columbia College teaching Accounting and Operations Management. Kim is currently a full-time instructor in the School of Business at Olds College, Olds, Alberta, where she has taught a variety of business courses. Kim is a Certified General Accountant and a Chartered Manager. She also holds an MBA (with honours) from Laurentian University and CACE in adult education and teaching from the University of Manitoba. She is currently a doctoral candidate at the University of Liverpool in the Doctor of Business Administration (DBA) programme. Her research interests lie in entrepreneurial and project-based learning.

DR. LUNA KHIRFAN of University of Waterloo was a Co-Investigator on the Partnership for Canada-Caribbean Community Climate Change Adaptation (ParCA) project. She was in charge of the visioning exercises with the local communities, also known as design charrettes.

PAUL KRAEHLING is a PhD Rural Studies Candidate in the School of Environmental Design and Rural Development, University of Guelph. He is currently researching the use of green infrastructure, partnered with grey, to build a comprehensive framework for planning resilient rural communities. Paul also teaches courses on community planning, and works on various research projects at the University of Guelph on the broad topic of rural community sustainability. Paul is a retired member of the Ontario Professional Planners Institute/Canadian Institute of Planners, having worked in the municipal planning field for over 35 years.

DR. MARIO LEVESQUE is an Associate Professor in the Department of Politics and International Relations at Mount Allison University located in Sackville, New Brunswick. His teaching and research focus on public policy analysis and public administration largely within the Canadian context and related to environmental and disability policy. He is curious to understand the composition of and how nested institutional arrangements matter for changes in public policy and governance regimes by illuminating the interplay between actors and institutions in public policy processes. He has published widely in various journals including *Canadian Public Policy*, *Canadian Public Administration* and *Canadian Journal of Disability Studies*.

DR. JOSHUA MACFADYEN of Arizona State University is an environmental historian whose work focuses on traditional land use and social and cultural landscape values in the coastal zone. He is a Research Fellow at the Institute of Island Studies at the University of Prince Edward Island where he also worked as a consultant on various projects for the Institute, the UPEI Climate Lab, and ParCA. The work conducted for this chapter was for the Aboriginal Affairs and Northern Development Canada's (AANDC) Climate 2014 project, which examines the specific values and challenges of indigenous communities in the coastal zone. He is co-editor, with Drs. Irene Novaczek and Ed MacDonald, of the book *Time and A Place: An Environmental History of Prince Edward Island* (Island Studies Press).

SHAWN McCARVILL, CPA, CA is the President of Slemon Park Corporation. Shawn is a native of PEI and graduated from UPEI in 1980. He became a Chartered Accountant in 1983 while working in Ottawa, and moved back to PEI in 1985. Since then he has worked in senior management roles with a number of organizations on PEI. Shawn worked with Slemon Park Corporation from 1991 to 1995 as its first Chief Financial Officer and rejoined Slemon Park Corporation in 2008 as its President. He has a keen interest in organizational, economic, and community development.

DR. VIRGINIA MCGOWAN, semi-tired from academia and the federal public service, has several businesses in Prince Edward Island (PEI): McGowan & Co.: The Write Edit Group, and Business Learning Solutions. She was the project and program manager for the PEI Busi-

ness Women's Association's business mentorship pilot project for women entrepreneurs. Virginia holds a Master's and PhD in Anthropology from the University of Toronto. She has numerous publications and has worked with many women and Indigenous communities to understand and bring about transformative change where drug addiction, problem gambling, or conflict with the law occur. She holds an Adjunct Associate Professor position in the Department of Community Health and Epidemiology, Faculty of Medicine, Dalhousie University.

DR. LAURA MISENER is an Associate Professor in the School of Kinesiology at Western University in London, Ontario. Her research focuses on how sport and events can be used as instruments of social change, with an emphasis on how sport for persons with a disability can positively impact community accessibility and social inclusion. Her research program is interdisciplinary in nature and pushes the traditional boundaries of her field to emphasize the importance of critical scholarship for innovation. She also serves as a research and policy advisor to a number of disability sport organizations focused on broadening the role of sport in positive social outcomes.

DR. BRENDAN O'KEEFFE is a Senior Lecturer in Human Geography and Director of Quality at Mary Immaculate College, Limerick, Ireland. He is a research affiliate of National Institute for Regional and Spatial Analysis (NIRSA) and the International Centre for Local and Regional Development (ICLRD). Brendan is one of Ireland's foremost experts on rural development, and is actively involved with civil society and with several action-research projects. His work covers many aspects of regional and rural geographies, and he has published extensively on issues of community-led local development, participative governance, and grassroots initiatives.

DR. ANGELA POLLAK is an award-winning ALA-accredited information specialist with professional experience in knowledge creation, translation, storage, retrieval, and diffusion across numerous industries and disciplines. Having completed her PhD in Library and Information Science at Western University with a focus on rural information seeking and use, her current research investigates how to identify, document, and preserve intangible cultural heritage (ICH). She is especially

interested in understanding ways ICH can increase social, cultural and economic resilience in rural Canada. Angela is a postdoctoral fellow at the University of Alberta's School of Library and Information Studies, and a board member of the Canadian Rural Revitalization Foundation (CRRF).

KYLE RICH is a PhD Candidate in the School of Kinesiology at Western University, London, Ontario, and a Lecturer in the Department of Recreation and Leisure Studies at Brock University in St. Catharines, Ontario. Kyle's research interests centre around the management of sport and recreation for social outcomes in and for diverse communities. Kyle's dissertation work involves a participatory action research project with rural community sport and recreation organizers.

FRANZ SEIBEL is the Research Director of the Keewaytinook Okimakanak Research Institute (KORI) (www.research.knet.ca). His experience with First Nation youth and adults in social entrepreneurship over the last 10 years during his time at Keewaytinook Okimakanak (KO) and KORI creates a strong, respectful working relationship. Research has always been a component of development work as First Nations track their progress and plan to address gaps and take advantage of opportunities in economic development and social entrepreneurship. Franz participates in community-led research as a project manager, mentor, and training co-ordinator. The communities have developed strong communication and facilitation skills with Franz by sharing their research desires; how they want research to be conducted; and how they would like research to benefit their specific requirements. Franz spends time in First Nations across Northern Ontario, supporting local research initiatives focused on the land, the youth, and Elder teachings.

EMILY THOMAS is a Research Associate with TriNav Fisheries Consultants, Inc. and works with members of the seafood industry at all levels to build sustainable and long-lasting fishing communities. She holds an appointment as part-time faculty in the Department of Geography and Environmental Studies at Saint Mary's University in Halifax. Her experience growing up on a small island off the coast of Maine with a fishing community led her to pursue a Master of Arts

(Island Studies) from UPEI; she completed her degree in 2014. She is interested in how communities work together to remain in place in changing environments.

LYLE THOMAS is the Community Technical Network Manager in Fort Severn First Nation (fortsevern.firstnation.ca) on the shores of the Hudson Bay in Northern Ontario. He began working with the community's digital infrastructure 10 years ago. He is a member of the Washaho Cree Nation (Fort Severn First Nation) and a fluent Cree speaker. He is the creator and sole proprietor of Warchiefs Clothing Apparel which he manages from his home in Fort Severn. Lyle works closely with his family to effectively support the land-based activities of hunting, fishing, and harvesting across their traditional lands on the tundra and along the Hudson Bay coast. As a young entrepreneur, Lyle is proud of his heritage integrating and successfully balancing his commercial and employment demands with his family and traditional lifestyle responsibilities.

MAURA WALSH is CEO of IRD Duhallow, which is a community-led local development organization covering North-West County Cork and East Kerry in Ireland. IRD Duhallow implements LEADER, as well as several other community-based initiatives, and is widely acknowledged as one of Ireland's most dynamic, innovative, and successful rural development organizations. Maura has served on the executive of the Irish LEADER Network, and is an active contributor to policy formulation at national and EU levels. She is a sterling advocate of bottom-up development, farming families, social justice, and enhancing the role of women in communities and the wider society.