

About the Authors

Muhammad Almas is a GIS expert currently working for the Water Security Agency of Saskatchewan. Previously he has worked for the United Nations World Food Program (UNWFP) and has over 22 years of post-graduate working experience. His expertise includes web mapping, computer programming, and GIS applications in water resource management.

Jacqueline Binyamin is a climatologist and an Associate Professor at the University of Winnipeg, Department of Geography. Her research interests include radiation climatology, climate change and variability, severe weather, surface-atmosphere interactions and boundary layer processes, and surface energy budget for northern lakes.

Susan Carr was General Manager of the Prince Albert Model Forest at the time of the water resources workshop reported in this volume, playing a leading role in making local arrangements as well as setting the theme suitable for discussion.

Hồng Thị Hà is a recent graduate of the Thái Nguyên University of Agriculture and Forestry (TUAF) in Vietnam. Her BSc was in Environmental Science and Management. She is now a program officer, researcher, and teaching assistant for the Advanced Education Program at TUAF.

Mark Johnston is Senior Research Scientist at the Saskatchewan Research Council in Saskatoon. His research interests include boreal forest ecology and the impacts of climate change. Mark works closely with forest managers on developing options for adapting to climate change. He is also an adjunct professor at the University of Saskatchewan, and since 2006 has been President of the Prince Albert Model Forest.

Suzanne Elizabeth Kerr is a graduate student in the Department of Education at Brandon University. She has two decades of experience teaching in the public school system, mostly as a resource teacher. Her teaching and research interests include student engagement, assessment of and for learning, and student voice.

John Kindrachuk is Executive Director of the Redberry Lake Biosphere Reserve, and also works with the North Saskatchewan River Basin Council. With his knowledge and experience in agriculture, John undertakes a number of activities in pursuit of sustainable communities.

Aaron Kingsbury is an Assistant Professor at Maine Maritime Academy, Castine, Maine, and a two-time visiting scholar at the Thái Nguyên University of Agriculture and Forestry (TUAF) in Vietnam.

Kenji Kitamura is Assistant Professor at Kanazawa University, Japan, and an adjunct faculty member at the University of Saskatchewan. At the time of the workshop reported in this volume he was Researcher at the Research Institute for Humanity and Nature in Kyoto, Japan. Kenji obtained his Ph.D. at Simon Fraser University, and continues his field research in various locations including Canada, Japan, and Costa Rica.

David McDowell is a historical geographer who trained at Brandon College and University of Manitoba. Following a career in high school geography and distance education, he served as a geography instructor at University of Winnipeg Teacher Education. Now retired, he enjoys keeping abreast of Manitoba history and geography.

Roderick A. McGinn is Professor Emeritus at the Department of Geography, Brandon University. During a 45-year academic career, Rod has conducted research studies on orographic enhanced rainfall, drought modelling, and climate warming scenarios for southwestern Manitoba and eastern Saskatchewan; surface water and snowpack hydrology, flood frequency, and limnological and

macronutrient studies focusing on the Clear Lake watershed, pothole lakes, and Manitoba Escarpment. However, Rod is best known for a sequence of papers on the glacial history of the Eastern Uplands of Riding Mountain, Manitoba. Much of this research is published in *Prairie Perspectives*.

Yulu Peng was a Geomatics and Surveying Engineering Technology (GSET) diploma student at Saskatchewan Polytechnic who graduated in 2016. Research presented in this volume is based on her capstone project. Yulu is currently pursuing her graduate studies at the University of Lethbridge in the field in GIS.

Abdul Raouf is currently working as an instructor in the Geomatics Department of Saskatchewan Polytechnic, Moose Jaw Campus. He has over 27 years of post-PhD research and teaching experience. In the past, he has worked at the European Space Agency (ESA), and the Pakistan Space and Upper Atmosphere Research Commission (SUPARCO). His expertise includes integrated use of remote sensing and GIS for land-use planning, disaster monitoring/mitigation, and environmental management.

Maureen G. Reed is Professor and Assistant Director Academic in the School of Environment and Sustainability at the University of Saskatchewan. She also holds a UNESCO Chair in Biocultural Diversity, Sustainability, Reconciliation and Renewal. Maureen has worked in collaboration with model forests and biosphere reserves on issues related to sustainability and environmental governance.

Dustin M. Roussin is an honours physical geography student at University of Winnipeg and a member of the Métis Nation. His research interests include climate variability and extreme weather events on the Canadian prairies.

Jamie Edwin Lee Spinney is an Assistant Professor at South Dakota State University. He is a teacher-scholar whose interdisciplinary research interests include the scholarship of teaching and learning. He is actively investigating how to measure student engagement, the application of differentiated assessment, and best practices for incorporating technology in the classroom.