Kerry Anderson

A fire research scientist with the Canadian Forest Service, Dr. Anderson is actively involved in research to predict smoke forecasting, fire weather and fire behaviour. Dr. Anderson develops models to assist fire management agencies in daily operational planning by predicting the potential impact of fires on the landscape. These models provide a means to determine effective fire suppression response strategies to mitigate the threat. In turn, the goals are to help protect the public, communities, and forests; to promote the health of the forest ecosystem; to minimize fire suppression expenditures.

David Carpenter

David Carpenter has worked in the field GIS for 14 years; outside of his full time employment he acts as an independent consultant assisting others as they discover GIS and begin their own spatial journey. David holds a Bachelor of Arts in Geography and Environmental Studies as well as an Advanced Diploma in GIS Technology.

Bill Cole

Bill Cole is the Fire Science and Technology Program Leader, Aviation, Forest Fire and Emergency Services, Ontario Ministry of Natural Resources and Forestry, Sault Ste. Marie, ON. Bill has been with AFFES for 2 years, and is responsible for coordinating his agency's software applications and information management systems, as well as leading its science and innovation projects. Prior to that, Bill was a forest ecology and silviculture research scientist for 15 years and a forest research program coordinator for 5 years with the MNRF Forest Research and Development Section.

Barbara Crumb

Barbara Crumb has been acting as the Director of Manitoba Health's Office of Disaster Management (ODM) for the past two years leading the operational readiness of the health sector to ensure that it is able to effectively prevent, mitigate, prepare for, respond to and recover from any emergencies and disasters that may affect Manitobans. She also oversees a number of research projects being conducted by ODM staff. She has worked in the field of Disaster Management for past 15 years and holds a Master's Degree in Geography with a focus on Disaster and Emergency Management.

Didier Davignon

Didier Davignon finished his master's degree in high energy physics at Université de Montréal in 2000. He then worked as an air quality modeller and analyst at Environment Canada for 12 years before moving to a program management position. Didier is now chief of the Air Quality Modeling Applications Section (AQMAS) of the Meteorological Service of Canada. His team is in charge of producing model guidance for the Canadian operational air quality forecast program, as well as producing air quality analysis for policy scenarios and health studies.

Jeff Eyamie

Regional Air Health Officer, Health Canada, Winnipeg. Jeff is a citizen-focused stakeholder engagement specialist who has been working on air quality files for Health Canada since 2008. In addition to the implementation of the Air Quality Health Index throughout Manitoba and Saskatchewan, Jeff has assisted in building research partnerships around the health effects of wildfire smoke and the development of an evidence-based approach to wildfire smoke events, each linked to the advent of wildfire smoke forecasts. Prior to his time at Health Canada, Jeff was a communications manager and executive with Indian and Northern Affairs Canada.

Dr. Mark Gibson

My research focuses on the measurement, dispersion and receptor modelling of atmospheric composition indoors, outdoors, in the work place and research related to climate change. In 2011 I formed the Atmospheric Forensics Research Group (http://arfg.peas.dal.ca) at Dalhousie University.

Sarah Henderson

Sarah Henderson started her career as environmental engineer, but turned to environmental epidemiology when she became interested in the public health implications of engineering decisions. At the BC Centre for Disease Control Sarah conducts applied research to support environmental health policy related to food safety, extreme temperatures, radon gas, air pollution, and more. She has been studying forest fire smoke exposure and its health effects in Canada, Australia, and worldwide for more than a decade.

Dr. Rosie Howard
Research Associate, University of British Columbia, Vancouver, Canada. Rosie is a Research Associate at the University of British Columbia (UBC), Vancouver. Having gained her Ph.D. under the supervision of Prof. Roland Stull in 2012, Rosie remained in his research group working on a variety of projects. Her current research focuses on improving BlueSky smoke forecasts, including verification methods, presentation of forecast information, model configuration, and wildland fire smoke plume rise.

Jeffrey Joaquin
Jeffrey Joaquin is a Special Projects Coordinator at Manitoba Health's Office of Disaster Management. Jeffrey's current work is focused on understanding the impact of wildland fire smoke on human health as well as developing smoke specific health messaging that can be used when a smoke event forecast creates elevated AQHI forecasts. Jeffrey holds a Bachelor of Arts in Public Policy as well as a Masters of Public Administration.

Pete Lahm
Pete Lahm is an Air Resource Specialist for the USDA Forest Service, Fire and Aviation Management in Washington, DC. Program manager for the Wildland Fire Air Quality Program which addresses smoke from wildfires and prescribed fires. Focus of work has been national smoke policy, training and development of smoke impact and forecasting tools.

Sim Larkin
Dr. Larkin is a research scientist and team leader with the U.S. Forest Service's AirFire Team in Seattle, Washington. He works extensively with fire management to transition science into operationally useful decision support systems. He is the original architect and designer of the BlueSky Smoke Modeling Framework which is now used in daily smoke predictions in many and smoke management tools such as BlueSky Playground.

Darlene Oshanski
Darlene Oshanski has worked in the field of Disaster Management for the last 11 years and is currently a Special Projects Coordinator at Manitoba Health's Office of Disaster Management. Her present focus surrounds the human health impacts from wildland fire smoke, how emergency managers, health practitioners, and Manitobans respond to the hazard. Darlene holds a Bachelor of Arts in Applied Disaster and Emergency Studies and Geography.

Steve Sakiyama MSc PEng
Air Science Specialist, British Columbia Ministry of Environment. Expertise in air quality, dispersion modelling, mountain meteorology. Member of the BlueSky Canada team since its inception in 2008.

Roland Schigas
Roland Schigas is the dev ops guy for BlueSky Canada and the Weather Forecast Research Team at the University of British Columbia. Wrangling clusters and writing code are interrupted regularly for hockey, bikes & craft spirits.

Dave Schroeder
Prescribed Fire Program Coordinator for Alberta ESRD from 2009 to present. Also oversees the Wildland Fuel Inventory Program that focuses on data collection to support FireSmart, Prescribed Fire and Wildfire Operations. Previously worked at FPInnovations in the wildfire operations research group. Involvement with smoke forecasting focuses on prescribed fire and evaluating the BlueSky Playground tool.

Brian Stocks
After graduation from the Universities of Toronto and California (Berkeley) Mr. Stocks began a 35-year career in forest fire research with the Canadian Forest Service at the Great Lakes Forestry Centre in Sault Ste. Marie, ON in the late 1960s. During this period his original research activities focused on experimental burning in many fuel types, generating data used in the development of the FBP System of the CFFDRS. During the last half of his career Mr. Stocks became heavily involved in international, interdisciplinary research focused on global change and fire issues including climate change impacts on boreal fire. Since his retirement in 2002, he has continued contract research on many current fire issues, including numerous wildfire investigations.