

# Agroforestry Potential for the Peace Field Tours, August 22-23, 2007

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## WHO ARE OUR SPEAKERS AND TOUR HOSTS?

### **TODD BONDAROFF, PAG, FIT**

**Resource Stewardship Agrologist, Ministry of Agriculture and Lands,  
Dawson Creek, BC**

Currently, Todd is working with the northern agriculture industry to build capacity to protect access to and use of land and water resources through the development and implementation of a stewardship ethic within the agriculture sector. He works within government to secure access to BC's land and water resources to ensure the long-term well-being of the agriculture sector while achieving land and water sustainability and quality objectives. He addresses conflicting land uses and developments by developing, negotiating and implementing specific and operational-level land use plans and management strategies. As such, he addresses public concerns related to resource use by the agriculture sector and manages conflicts with other interests. His efforts have influenced the development of strategies and activities that strengthen the competitiveness of BC's agriculture sector. Todd is currently the President of the Peace River Branch of the BC Institute of Agrologists.

### **JOHN DYMOND, RFT**

**Purchase Wood Coordinator, Canfor, Fort St John, BC**

John has worked in the forest industry for 34 years, the last 25 of which have been in Northern British Columbia. He became involved in hardwood production and mixedwood harvesting in 1995 with Fibreco Pulp in Taylor (now Canfor Taylor Pulp), then as Senior Woods Planner for Slocan Polarboard and Tackama in Fort Nelson. John was involved in developing initial mixedwood management strategies and guidelines, and in planning and implementing various operational trials with aspen. At Taylor Pulp he was involved in the planning, development and construction of the whole-log chipping system currently being used at that location, as well as the procurement of hardwood and softwood chip furnish from portable field chippers and residual suppliers. John's current position is as Log Purchase Coordinator for Canfor, where he purchases fibre for Canfor Taylor Pulp, Peace Valley OSB, and Canfor Fort St. John from a variety of sources and locations.

### **RAY GREENE**

**Independent Consultant – Bioenergy, Nakusp, BC**

Ray Greene is a forward-looking thinker concerned with working toward a harmonious balance between living on the land and caring for the environment. Throughout his career he has maintained this focus. It has been part of everything he has taken on:

- introducing livestock guardian dogs as an alternative to predator removal;
- investigating the use of well-managed sheep as an alternative to herbicides for the control of vegetation in conifer plantations;
- assisting small organic farmers to broaden their crop base by utilizing waste wood and other cellulose by-products to produce exotic organic mushrooms; and
- helping a small logging company transfer part of their focus to value-added products.

Ray's efforts are currently focused on helping to establish effective systems of sustainable alternative energy in small communities throughout BC. Working from his remote micro-hydro-powered home near Nakusp, he has been instrumental in causing the installation, within that community, of the first small combination solar/biomass heating system in a Canadian school. Ray is also currently working with the District of Port Hardy on the installation of Canada's first small-scale biomass-burning electrical generator. His research on working systems has taken him across the country, as well as to the U.S. and Great Britain.

One constant that Ray has found is that 'small' rules. Small is usually synonymous with sustainable. Everything is neat and clear and easy to support. This is particularly true in the realm of energy production. Too often big destruction is associated with big energy – mining, contamination, pollution, emissions, flooding, even clear-cutting and inappropriate industrial farming, and, of course, the grid. In most cases the ideal energy solution is a combination of small sustainable options – solar, micro hydro, wind, geothermal, burning biomass, etc. Ray's initial attempts to help have focused on small-scale biomass energy production. Many small communities in this province have the combined problem of big energy bills and big waste wood problems. Together these problems can provide their own solution. The technology that Ray works with is of the latest design – clean burning, efficient, proven to last. In addition to residual wood he has had experience working on the preparation of other biomass materials, such as crop waste, as fuel for these relatively low-tech non-steam small-scale systems. Ray has learned, through dedicated diligence, about the challenges of working with all levels of governing administrations, as well as with equipment manufacturers and the concerned residents of small communities. With more than a decade of direct and, at times, difficult experience in all aspects of this challenging endeavour, he is able to provide unusual and valuable insight for those interested in introducing the concept of sustainable energy into their communities.

## **CLAIR LANGLOIS**

### **Research Manager, BC Grain Producers Association, Dawson Creek, BC**

Clair obtained his B.Sc. degree in agriculture from the University of Guelph in 1985, majoring in Entomology. He has been involved in agricultural field research for over twenty years studying and performing trials with numerous field crops, horticultural crops, and even silvicultural crops. Such work involved crop fertility, crop production, pesticide efficacy, pesticide soil dissipation, seed purification and variety performance work. He has experience conducting field trials under 'Good Laboratory Practices' compliance, and has extensive experience communicating research findings via publications, workshops and various extension-related programs. Since 2001, Clair has been the Research Manager for the BC Grain Producers Association in Dawson Creek, BC, managing their two research farms located in the BC Peace River region.

## **DAN LOUSIER, PHD, RPBIO**

### **President, McGregor Model Forest Association, Prince George, BC**

Dan has 32 years of experience in natural resource and environmental studies, particularly in the areas of project and program development and management; development of strategic plans for research and extension; development of business, implementation and operating plans for research and extension programs; project research; quality control through technical supervision, project monitoring, extension and demonstration; and workshop and working group facilitation. Dan has managed/administered over 110 projects in his career. Relevant general project areas include: wildlife tree ecology and management; riparian ecology and management; long-term management strategies and development plans for demonstration and research forests; impacts of natural disturbance on management of parks and recreation areas; broadleaf and mixedwood forest ecology; re-vegetation of disturbed lands; integrated forest and range resource planning and research; community involvement processes; forest ecology; biology of forest soils (organisms and processes); forest nutrition; forest and ecosystem health; soil

climate; soil degradation; soil conservation; ecosystem classification, biophysical inventories (soils and vegetation); old growth forests, forested ecological reserves; and knowledge transfer.

For the last 7 years, Dan has been a director of the McGregor Model Forest Association (MMFA) and served as the Board Chair from 2005 to 2007. He is currently the President of the Association. The MMFA has been a pioneer for sustainable resource management in the central interior of British Columbia for the past fifteen years, and has recently facilitated the formation of the Omineca Beetle Action Coalition (OBAC) and the Northern Integrated Resource Management Partnership (NIRMP). OBAC is a community-based action group whose goal is to ensure the economic survival, health and well-being of its member communities impacted by the mountain pine beetle epidemic, as well as to sustain the integrity of the surrounding ecosystems and landscapes. NIRMP is an industry-government-university-based partnership whose goals are to find better ways of collaboration during resource exploration, development and management so that the ecological footprint and the cumulative impacts are minimised, and to foster better social contracts with the communities in which the businesses and their managers and employees reside.

## **DOUG MACAULAY**

### **Murdoch Lake Agroforestry Demonstration, Manning, AB**

Doug Macaulay is a native of Barrhead, AB and spent his youth living and working on a Tree Farm. He then went to the University of Alberta and graduated with a Bachelors of Science degree. Before moving to the Peace he worked as an agrologist for the West Central Conservation Group in Sangudo, AB where he worked with farmers on the adoption of Beneficial Management Practices. Doug moved to Peace River in June of 2005 and has been here for over 2 years. Current duties are to work with farmers, ranchers and landowners on the sustainable management of their woodlots.

## **FLORANCE NIEMI, RPF**

### **Silviculture Forester, Tree Improvement and Reforestation Daishowa-Marubeni International Ltd.**

Florance Niemi is a professional forester and has been involved with aspen tree improvement for Daishowa-Marubeni International since 1994. In addition to focusing on selection, breeding and testing, she has worked extensively to develop a feasible method to vegetatively propagate aspen for operational use. In 2006, she accepted the added role of reforestation, which involves coordinating silviculture activities for the reforestation of company cut blocks on crown land.

## **NORA PAULOVICH**

### **North Peace Applied Research Association, Manning, AB**

Biography not available.

## **CARL POUCE COUPE**

### **Doig River First Nation, BC**

Biography not available.

## **GEORGE POWELL, PHD**

### **BC Agroforestry Industry Development Initiative, Quesnel, BC**

George is a natural resource management consultant from Quesnel, specializing in integrated resource management solutions. He has a PhD from the University of Alberta with a major in agroforestry, as well as degrees from UBC in Agronomy and Range Management. George was previously employed with the BC Ministry of Forests, Research Branch (1992-1999), leading a research group examining range ecology. For the past 3 years he has been contracted to facilitate project development and partnerships for the Agroforestry Initiative.

## **DEREK SIDERS**

### **Silviculture and Afforestation Innovation Project Specialist and Group Leader, Canadian Wood Fibre Centre, Canadian Forest Service, Edmonton, AB**

Derek has worked for 30 years in silviculture operations, development, and applied research and technology transfer in Ontario and Western Canada. He responds to forest industry's (managers, planners, practitioners, policy makers) operational and biological needs by designing, implementing, presenting and promoting advanced and innovative forest management techniques. He is active primarily across the prairie provinces and the Northwest Territories, and plays a national role in afforestation and biomass for energy feedstock development practices.

More recently, Derek is working on refining practices to establish fast-growing afforestation and bioenergy plantations across the prairie provinces and Ontario using hybrid poplar clones and willow. Interfacing with clients (landowners, forest practitioners and managers, government policy makers, researchers, etc.) on a regular basis, he is presenting new concepts, initiatives and disseminating research and development results through field tours, workshops, conferences and other information exchange mediums. Derek is also heavily involved in national Canadian Forest Service Initiatives like the Forest 2020 Plantation Demonstration and Assessment Initiative (coordinated technical delivery), and Canadian Biomass Innovation Network Initiatives related to purpose grown and opportunity woody biomass for energy activities.

## **LISA ZABEK, PHD**

### **Agroforestry Coordinator, Greencover Project, Kamloops, BC**

Lisa is a natural resources consultant based out of Kamloops, currently working in the agroforestry field to implement and coordinate extension-related projects. She completed her doctorate at the University of British Columbia, working with productivity limitations of hybrid poplar. Over the past several years, she has been involved with both the agroforestry industry and the BC Ministry of Agriculture and Lands (BCMAL) agroforestry portfolio. The Greencover project is a three-way partnership between Agriculture and Agri-Food Canada, BCMAL and the BC Agriculture Council. It encompasses a series of projects which pull together existing BC-based information relating to silvopasture and forest farming.