



Workshop Agenda at a Glance

(More details below)

SUNDAY, July 20, 2014

6:00 pm - 8:00 pm	Boat Cruise departing from Stanley Bridge
8:00 pm - 10:00 pm	Welcome Reception at Stanley Bridge Resort with wine, cheese and cash bar

MONDAY, JULY 21, 2014

7:30 am - 8:00 am	Registration	
8:00 am - 8:15 am	Welcoming Remarks	
8:15 am - 9:00 am	Dr. Kerry MacQuarrie: "Water Beneath Our Feet; Understanding the Ground Water Resource"	
9:00 am - 9:15 am	Nutrition Break	
	Concurrent Session A	Concurrent Session B
9:15 am - 9:50 am	George Somers: Fate and Effect of Nutrient Losses in Ground Water	Dr. Erin Smith: AgWeather Atlantic
9:55 am - 10:30 am	Dr. Yefang Jiang: Modelling the Impacts of Ground Water Extraction	Dr. Adam Fenech: Climate Change
10:35 am - 11:10 am	Steve Watts: 4 R's of Fertilizer Use	Joyce & Dr Robert Coffin - Plant Breeding Strategies for Changing Climates & Reduced Inputs
11:15 am - 12:15 am	Anthony Hopkins shares his perspective on irrigation in his home of the UK along with a discussion on issues and regulations.	
12:40 pm	Tour Bus Departs Resort: Box lunches will be provided	
1:00 pm - 2:15 pm	Stop 1: Prince Edward Aqua Farms	
2:40 pm - 3:50 pm	Stop 2: Technology Crops International	
4:00 pm - 5:00 pm	Stop 3: Cavendish Farms- Research Division	
5:30 pm	Return to Stanley Bridge Resort	
6:30 pm - 7:00 pm	Reception	
7:00 pm - 10:00 pm	Banquet Dr. Larry Martin: Economic & Future Insights on Agriculture	

TUESDAY, July 22, 2014

8:00 am - 8:45 am	Dr. Gordon Price: Emerging water quality management concerns in agro-ecosystems and beyond.
8:45 am - 10:00 am	Anthony Hopkins: Irrigation Management Techniques and Trends
10:00 am - 10:30 am	Nutrition Break and Poster Session
10:30 am - 12:30 pm	Panel Discussion - Ian Petrie, Moderator Presenters on Industry, Environmental, Community and Farmer perspectives.
12:30 pm	Closing Remarks



Stanley Bridge Country Resort

The resort is located on Route 6, in the community of Stanley Bridge, 4 minutes west of Cavendish. It is approximately 30 minutes from the cities of Summerside and Charlottetown and 40 minutes from the Confederation Bridge. The closest beach is the Cavendish National Beaches which is a 5 minute drive from the Resort.

10090 Route 6
Kensington, PE
Canada C0B1M0

Phone : (800) 361-2882 Email : info@stanleybridgeresort.com

Directions from the Confederation Bridge

Coming off the Confederation Bridge into PEI, follow the TransCanada Highway approximately 5 minutes and take the Summerside exit onto 1A north. Following 1A north, drive about 10 minutes and turn right onto Route 8 (Freetown Road). Travel along Route 8, north, until you reach the stop sign and turn left onto Highway 2. Take a quick right (you will see St. James Church on your right) and continue on Route 8 (turns to Grahams Road) to the stop sign. Turn right (you are now in New London) and drive 5 minutes into Stanley Bridge. You will see Stanley Bridge Country Resort on your left.

GPS Coordinates

N46 27.9142' W063 29.7511'

Events

Sunday Evening Boat Cruise

Join us Sunday at 6:00 pm for an evening cruise. The boat will leave the Stanley Bridge Wharf and travel North across New London Bay with a side trip up the Southwest River, later pulling up on the dunes along the edge of the Gulf of St Lawrence. Guests will arrive back at the wharf in plenty of time to return to the resort and participate in the Wine and Cheese Reception.

Please note the following points:

- Boat cruise subject to weather conditions at Captains' discretion.
- Places confirmed on a first come – first served basis. Passengers should confirm their place on the boat at time of pre-registration.
- Incremental boats will be added on an "as needed" basis. E.g. the first and second boats have capacity for 12 passengers each; additional boats carrying various numbers of guests are available; some may depart the New London Wharf.
- Small personal coolers may be taken on the boat.
- All boats have washroom facilities.
- Cost for the cruise is \$20.00 per passenger, payable at time of pre-registration. In case of cancellation by the Captain, money will be refunded.

Monday Bus Tour

The LAC is hosting a bus tour on Monday, July 21, departing the Resort at 12:40 sharp. A boxed lunch consisting of sandwich, fresh fruit, cookies and cold beverage will be provided on the bus.

The tour stop at several locations including:

1. Prince Edward Aqua Farms, New London. www.peaqua.com

Prince Edward Aqua Farms was established in New London in 1989. Several expansions over the years increased the companies' capacity to its' current 40,000 sq ft processing facility. The company has a full time year round staff of fifty; increasing by ten for the oyster and soft shelled clam season. PEAFF processes several million lbs of mussels and 1.5 million lbs of oysters, soft shelled clams and quahogs annually for markets throughout North America. This positions the company as one of the largest of its kind on the continent. PEAFFs' sister company, Coles Mussel Farms is located adjacent to the plant and utilizes one of the most modern farm inventory and lease management systems in the world.

2. Technology Crops International, Kensington

Technology Crops International (TCI) is a premier supplier of organic, non-GM, and expeller pressed oils (Nature's Crops Specialty Oils). TCI contracts high value, specialty oilseed crops with growers to produce specialty oils for use in a range of industries, including personal care, nutraceutical, and infant nutrition to name a few. In Kensington, PE, TCI has its first production facility, where all crops are processed.

3. Cavendish Farms Research Division

The Research Divisions' major objectives are focused on identifying techniques that will assist growers in providing better raw products to the Cavendish Farms processing facilities via improved crop quality and yield. Major emphasis is placed on areas including variety improvement, pest and disease control, soil and crop nutrition management and potato based cropping systems.

Tour participants will return to the Resort at approximately 5:30 leaving ample time to prepare for the evening Banquet. Cost of the tour is included in the registration price. Please indicate your participation at time of registration to assist organizers with transportation logistics.

Speakers



Dr. Larry Martin

Dr. Larry Martin & Associates, and
Agri-Food Management Excellence, Inc

Larry Martin is currently a principal in Agri-Food Management Excellence, Inc a management training company and Dr. Larry Martin and Associates, a consulting operation. He teaches and coaches managers of farms, agribusiness and food companies from both Canada and the United States. He also writes and consults on agri-food policy, commodity markets and strategy. He has worked with a wide array of companies and organizations in developing their strategic and operational, and/or risk management plans. He writes a monthly column on commodity markets for Food in Canada magazine. His work has garnered him the awards of Fellow of the Canadian Agricultural Economics Society, the Wilson Loree Award for Excellence in Farm Business

Management, and the Ontario Agricultural College Alumni Award for Excellence in Research. He was awarded a Queen Elizabeth II Diamond Jubilee Medal in 2012 for his contributions to Canada.

Larry holds Bachelors, Masters, and PhD degrees in agricultural economics. He was Professor and Chair in the Department of Agricultural Economics and Business at the University of Guelph. He was the founding Executive Director and subsequently CEO of the George Morris Centre, an independent think tank on agricultural issues and policies located in Guelph. He chaired a national task force on competitiveness in the agri-food sector for the federal Minister of Agriculture. He is responsible for the highly acclaimed management and industry training programs that were run by the George Morris Centre and now by Agri-Food Management Excellence. He has a substantial body of refereed and non-refereed research on economic issues in the agri-food sector.

Larry is or has been a director of Ridley Canada, Lake Erie Farms, Taps Breweries Incorporated, Big Sky Farms, Coldspring Farms and a member of advisory boards for the Macdonald-Laurier Institute, Agriculture and Biotechnology Division of the Saskatchewan Research Council and of Burnbrae Farms. He is also a number of the Institute of Corporate Directors.



Anthony Hopkins

Anthony was born into a farming family in the Isle of Axholme, North Lincolnshire which is below sea level in places, with varying soil type. Farm is predominantly peat over sand with heavier soil in the high places, the cropping is potatoes, vegetables with cereals being rotation crops. Livestock used to eat the stock feed and put organic manure back on the land. Anthony left school in the late seventies when U.K. farming was enjoying growth with increased crop yield with new technology and machinery. At this time you did not have to do such a good job to make a living. After a year at Bishop Burton Agricultural College, he returned home to the family farm. Over the next twenty years he became a partner in the farm growing potatoes with irrigation. In the late nineties the farm experienced several dry years and they had to stop irrigating because of water shortages, "Legislation". At this time the farm invested in a

new drip irrigation system and Anthony found the system so interesting that he needed to know how to get the best results from it. **However his questions were only answered by more questions!** So he went to see a Nuffield scholar who was giving a presentation about potatoes. After that a Nuffield scholarship helped him find some (not all) the answers, but it put him on the right track. Just before applying for the Nuffield he set up a company within the farming business specializing in designing and supplying drip irrigation system for other potato growers. This was very slow as not all potatoes growers could see the benefits, however there were those that did. "We were probably 5 to 6 years in front of the market when we started, so it was difficult.

About 5 years down the line his brother bought him out of the farm and he became the sole owner of the irrigation business. For the last 10 years *Wroot Water* has been working in the U.K. potato market supplying drip and sprinkler irrigation, having about 80% of the market as well as diversifying into other markets.

Atlantic Agrology Workshop 2014 Registration Form

Thank you for registering to attend the Atlantic Agrology Workshop 2014, *Sustainable Water Footprint*. We are excited for this opportunity to discuss such a vital topic that affects us all.

To take advantage of our Early Bird discount, registrations must be received by June 27, 2014. Please make hotel reservations directly with the Stanley Bridge Resort by calling 1-800-361-2882 or online at <http://stanleybridgeresortpei.com>. A block of rooms are being held and are available at a special rate if booked by June 20th, 2014. PEI is a popular place in the summer and this year we are celebrating 150 years since the Charlottetown Conference of 1867 so demand may be high for rooms. Unfortunately, we can not guarantee availability after the 20th.

If you have any questions please contact Valerie Herring at info@peiia.ca.

Full Name

First Name

Last Name

Address

Street Address

Address Line 2

City

Province

Postal Code

Phone Number

E-mail

Conference Information

Please select the type of registration you would like

- | | |
|---|----------|
| <input type="checkbox"/> Full Conference Registration up to June 27 | \$100.00 |
| <input type="checkbox"/> Full Conference Registration after June 27 | \$130.00 |
| <input type="checkbox"/> Monday Registration (day only) | \$60.00 |
| <input type="checkbox"/> Extra Banquet Ticket | \$45.00 |
| <input type="checkbox"/> Tuesday Registration | \$45.00 |

Please select the Concurrent Sessions you will be attending (if applicable)

9:15 am - 9:50 am

- ☐ Fate and Effect of Nutrient Losses in Ground Water

OR

- ☐ AgWeather Atlantic

9:55 am - 10:30 am

- ☐ Modeling the Impacts of Ground Water Extraction

OR

- ☐ Climate Change

10:35 am - 11:10 am

- ☐ 4 R's of Fertilizer Use

OR

- ☐ Plant Breeding Strategies for Changing Climates & Reduced Inputs

Boat Cruise

The boat cruise takes place Sunday evening, from 6:00pm - 8:00pm, departing from Stanley Bridge. Please indicate below if you plan to take part in the cruise and an additional charge of \$20.00 should be added to your total.

- ☐ Yes, I will be participating in the boat cruise (+\$20)
- ☐ No, I will not be participating in the boat cruise

Dietary Needs

We will try our best to meet the needs of all participants. Please indicate below if you have specific dietary considerations.

- ☐ Vegetarian
- ☐ Allergies (please specify) _____
- ☐ Other (please specify) _____

Registration Total

Conference Total	\$
Boat Cruise (Optional)	\$
Total Conference Registration	\$

Cheques should be made payable to the Prince Edward Island Institute of Agrologists, or PEIIA. Please mail registration and payment to:

PEIIA
C/O Valerie Herring
PO Box 2712
Charlottetown, PE
C1A 8C3

