

A&WMA

Vancouver Island Chapter



Wednesday November 23rd, 2005

*** Ambrosia Catering ***
638 Fisgard Street, Victoria, BC

****NOTE THE CHANGE IN VENUE****

11:30am - 1:30pm

"Green Shores"

Brian Emmett, M.Sc., R.P. Bio.

Director of Marine Environmental Services, Archipelago Marine Research Ltd.

Communities in coastal BC are experiencing unprecedented levels of new development that utilize sensitive shore areas. In addition many older community waterfronts, once dominated by industrial and resource industries, are moving toward residential and retail development as well as public uses of waterfront. This presents an opportunity to rethink and influence approaches to coastal design and coastal land use in BC. It is an opportunity to identify the wrongs of past practices and how to right them. Examples include "over hardening" of the shore, loss of shore vegetation, and disruption of coastal processes, that have often led to loss of ecological productivity, ecosystem function and service. **GREEN SHORES** aims to provide planners and builders with a technically based assessment tool, and over the longer term a voluntary certification program.

GREEN SHORES is designed to encourage sustainable use of coastal ecosystems through planning and design which recognizes the ecological features and functions of coastal systems. The guiding principles aim to:

- Preserve the integrity or connectivity of coastal processes.
- Maintain or enhance habitat diversity and function.
- Address methods to minimize or reduce pollutants to the marine environment.
- Reduce cumulative impacts to the coastal environment, such as shore hardening or loss of riparian vegetation.

This presentation will outline the rationale for the Green Shores concept and approach, including a review of several case examples and sites. The Green Shores team has recently received funding to develop this initiative further, and the input and suggestions of members of the Air and Water Management Association will be important to the project, particularly with respect to minimizing impacts to water quality.

Mr. Emmett is a co-founder and vice president of Archipelago Marine Research Ltd. He is head of the Marine Environmental Services Division and has twenty-five years of experience in coastal habitat and fisheries biology, mostly on the British Columbia coast but also in the Canadian Arctic and Atlantic coasts. Brian has worked extensively on the development of innovative survey, sampling and monitoring methods for coastal marine resources and has a broad interest in the development of environmentally sound and sustainable approaches to marine habitat and resource management. He has worked on a number of innovative and alternative approaches to shore design including the rehabilitation of the Ross Bay shore and the development of shore protection designs for the Cordova Bay shoreline. He is a co-author of the BC Stewardship Centre's recent Guide to Coastal Shore Stewardship and a founding member of the Green Shores technical team.

Luncheon Details

\$10 - paid up AWMA members (Intl)
\$20 - non-members
\$10 - students

****Cash or cheque only****

Lunch and coffee will be served at noon. Vegetarian lunches are available when arranged at time of RSVP

Parking: Pay parking is available at the City Parkade right across the street or at numerous lots along Fisgard and in the area.

RSVP: Donna Grant @ 360-3256 or E-mail: dgrant@crd.bc.ca before **3:00pm on Friday, November 18, 2005.**

Cancellation Policy

Cancellations will be accepted at no charge up until 3:00pm on the Friday prior to the luncheon by contacting Donna Grant.

Regrettably, cancellations made after this time will be subject to a \$25 service charge, as the Chapter is billed regardless of late cancellations. This will be invoiced and is requested to be paid prior to attending future luncheons.