



ICE WaRM Seminar Series

ICE WaRM Presents a free short seminar

The Chemical Contamination of the Lagoon of Venice and its Effects on Organisms

The International Centre of Excellence in Water Resources Management (ICE WaRM) is proud to host international visitor Dr. Bruno Pavoni, Professor of Environmental Chemistry, Department of Environmental Sciences, University of Venice, Italy (DES-UNIVE) to present a free short seminar.

The lagoon of Venice is an example of an ecosystem in which human activities have been highly beneficial through conservation efforts, but also have been the cause of an extensive pollution affecting the organisms living in it. This talk will be in two parts:

- In the first, approaches that have been developed by the scientists of DES-UNIVE to monitor the extent of chemical pollution in the Lagoon of Venice and its changes in time will be discussed;
- In the second, the effects on organisms of a particular type of pollution, TBT in antifouling paints, which causes endocrine disruption and sterility in marine edible organisms such as gastropods, will be presented.

When: Wed 19 August 2009
4:00-5:15 pm

Where: ARI, Board Room
Level 7, 115 Grenfell St
Adelaide, SA

Registration is essential

Please RSVP to Debro Thaw

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Dr Bruno Pavoni is Professor of Environmental Chemistry, University of Venice.

He completed his PhD in Chemistry at the University of Padua, Italy

Previously Bruno has been a lecturer of inorganic chemistry, a Research Fellow at UNIVE and a Visiting Research Associate at the University of California at Los Angeles.

In his current role Bruno is coordinator of the PhD course in Environmental Sciences at the University of Venice.

Since 1979, Bruno has carried out a number of research projects aimed at studying environmental aspects of the lagoon of Venice, the inland territory (the Veneto region) and the Northern Adriatic sea.

Analytical methodologies have been set up and tested for analysing heavy metals, halogenated hydrocarbons, polycyclic aromatic hydrocarbons, nutrients, aromatic surfactants and organotin compounds in a number of matrices such as sediments, water, particulate matter, algae, benthos

Bruno is in Australia for 6 weeks at based the CQUniversity, Queensland, sponsored by the ICE WaRM Visits and Exchanges Programme, through the WaRM Trust.

SEMINAR SCHEDULE

4:00 pm

ICE WaRM Introduction

4:05 pm-4:45 pm

The Chemical Contamination of the Lagoon of Venice and its Effects on Organisms" Presentation and Discussion
Dr Bruno Pavoni, University of Venice

4:45 pm-5:15 pm

Refreshments will be provided following the seminar