

# Environmental Informatics: New technologies for Environmental Management

*A free seminar in Canberra*

Presenter: Prof. Terry Caelli, NICTA

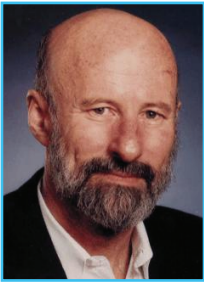
Venue: Seminar Room  
NICTA Building  
7 London Circuit  
Canberra ACT

Date: Tuesday, 10<sup>th</sup> March 2009  
4:00pm

## Abstract

In this seminar we consider recent developments in the uses of ICT for environmental management. We deal with issues from new sensors to novel methods for encoding and querying spatio-temporal databases. At the sensing end, specific issues related to in situ assessment of flora and fauna will be discussed using, for example, thermal imaging and imaging spectroscopy. At the other end, we will deal with issues of how to model and query spatio-temporal data using Bayesian Network models as they apply to areas such as land management, tracking and predicting animal behaviour.

## Presenter: Professor Terry Caelli



Prof. Caelli's interests lie in Computer Vision, Machine Learning and Artificial Intelligence and their applications to environmental management. He is a Distinguished Researcher in NICTA's Canberra Laboratory. He is a Fellow of the International Association for Pattern Recognition (IAPR) and a Fellow of the IEEE.

## Format of the Seminar

4:00pm	Presentation
5:00pm	Drinks and refreshments

## Bookings for this free event are essential

Please RSVP by no later than 3 March, 2009:

Phone: (08) 8302 3928

Fax: (08) 8302 3115

Email: [industryeducation@nicta.com.au](mailto:industryeducation@nicta.com.au)