



Living Laboratories

Integrated Landscape Science and Management Forum: A Showcase of National Initiatives and Products

Context

Researchers and natural resource management planners now explicitly recognise that successful management of regional natural resources requires an integrated approach and application of systems science on the landscape scale. Funding for NRM programs is scarce and managers need access to tools and processes for systematically prioritising their investments which both address regional targets and take into account the complexity in our natural resource, social and economic systems. But which research centres have been developed across Australia to address the complexity in our NRM system, how do they apply science to address multi-disciplinary NRM problems and how have they developed teams committed to multi-disciplinary thinking? The aim of this forum is to learn about integrated landscape science programs and projects being developed across Australia and to discuss future steps for the science within SA. Eminent scientists have been invited to present their centres of excellence and to answer questions on how to develop a similar research capability in SA.

Living Laboratories

The philosophy behind "Living Laboratories" is that the current investment through Natural Resource Management Programs in landscape change offers the research community a "laboratory" within which hypotheses can be tested and measurements can be taken at an appropriate geographic scale. The Living Laboratories Program is supported by ICEWaRM and DWLBC.

WHEN Thursday 13th March 2008, 8.30am - 4.30pm

WHERE Australia Asia Water Centre, Level 4, 77 Grenfell St

RSVP

If you would like to be involved in attending the forum in person, please contact Amber Welk
awelk@icewarm.com.au by 10th March 2008.

Podcast

This workshop will be podcast on the internet, and people who are unable to attend the workshop will be able to download and listen to a selection of the talks and discuss the topics online. Instructions on how to listen to podcasts can be found on the ICE WaRM website under Living Laboratories

Workshop Objectives

- Share information on emerging science and tools for integrating our understanding and management of natural resources,
- Identify improved NRM outcomes from new development in integrated landscape science,
- Explore what South Australia could do to better position itself to take advantage of and develop its own capability in integrated landscape science, and
- Hear about what makes for successful clusters of activity in this field.



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WORKSHOP SCHEDULE

Time	Activity	Topic
8.30am	Mr Richard Hopkins, CEO ICE WaRM	Welcome and brief description of Living Labs
	Professor Wayne Meyer, Professor in Natural Resource Sciences, University of Adelaide	Introduction
9.00am	Existing Centres of Excellence	
	Professor Tony Jakeman, Director, Integrated Catchment Assessment and Management (ICAM). Environmental systems analysis and modelling.	Landscape Logic - Improving decisions about land use
	Dr Brendan Wintle, Deputy Director CERF, The University of Melbourne	Applied Environmental Decision Analysis (AEDA)
	Professor Peter Kanowski Deputy Director of Fenner School of Environment and Society, Australian National University	Fenner School of Environment and Society - Science, People and Policy
	Panel Discussion	Questions from the floor
10:35am	Morning tea	
11.00pm	Workshop	What did we learn from the speakers that we can implement in SA?
11:40pm	Leading Examples of Integrated Landscape Science	
	Prof David Pannell, ARC Federation Fellow Professor, School of Agricultural and Resource Economics, University of Western Australia	Salinity Investment Framework 3
	Dr Brett Bryan, Policy Analyst, CSIRO	Lower Murray Landscape Futures
	Dr Phil Polglase, Research Program Leader, CSIRO	Forest, trees and carbon in the landscape
	Dr Carmel Pollino, Research Fellow, Australian National University	Integrated Catchment Assessment and Management (ICAM).
1:20pm	Lunch	
2:05pm	Panel	Questions from the Floor
	Workshop	What do we need to do next in SA to generate knowledge, tools and/or information that could be used by decision makers to integrate NRM more effectively?
	Professor Wayne Meyer, Professor in Natural Resource Sciences, University of Adelaide Professor Andy Lowe, Manager of Science, DEH and Professor of Plant Biodiversity Conservation, University of Adelaide	Summary
3:45pm	Close and next steps	
4:00pm	Drinks	