

## Seminar Series

### Benefit-cost analysis for water related projects

New standardised tool - state of knowledge of non-market values and how to assign benefit transfer

**Venue:** Adelaide Rockford, 164 Hindley St, Adelaide

**Date:** Monday 5 February 2018

**Registration:** 1:00 pm

**Time:** 1:30-4:30pm

**Cost:** Free

## Overview

The Cooperative Research Centre for Water Sensitive Cities (CRCWSC) is developing an economic evaluation framework to identify and quantify economic, environmental and community values of investments in water sensitive practices and systems. The project will deliver an evaluation framework and tool that users will apply to business case development and decision making at multiple levels in public and private sector organisations. The framework will help in better decision making to achieve water sensitive, liveable and resilient cities.

This seminar and workshop will provide an update of the urban water economics tools and guidelines emerging from the CRCWSC to date and an opportunity to provide feedback on how the tools can be customised to best meet the needs of SA WSUD practitioners.

### Topics

- South Australian collaboration CRCWSC economic evaluation framework project
- New tool for benefit-cost analysis of water-related projects and policies
- State of knowledge of non-market values of water sensitive systems and practices: Potential of benefit transfer

### Workshop

- How can the economic valuation tool be customised to meet the needs of SA practitioners?

Water Sensitive SA, together with our Partners, have contributed to the development of the CRC tool via [Priority Project 1](#). This workshop is an opportunity to ensure the benefit-cost tool developed by the CRC for Water Sensitive Cities can be applied to help build the business case for the broad range of WSUD and integrated water management projects by SA practitioners.

## Program

Time	Topic	Who
1.00pm	Registration	
1:30pm	Welcome	Jeff Connor University of SA
1.35pm	South Australian collaboration CRCWSC economic evaluation framework project	Mellissa Bradley Water Sensitive SA
1:40pm	A standardised tool for benefit: Cost analysis of water-related projects and policies	David Pannell University of WA
2:20pm	State of knowledge of non-market values of water sensitive systems and practices: Potential of benefit transfer	Sayed Iftexhar University of WA



3:00pm	Afternoon tea	
3:20pm	Workshop – How can the economic valuation tool be customised to meet the needs of SA practitioners?	Facilitator: Mark Siebentritt
4:30pm	Close	

For more information, contact Mellissa Bradley, Program Manager, Water Sensitive SA – [mellissa@watersensitivesa.com](mailto:mellissa@watersensitivesa.com), 0431 828 980.

## Presenters biographies



**Professor David Pannell**  
**Professor of Agricultural and Resource Economics, University of Western Australia and CRC for Water Sensitive Cities**

David Pannell is Professor of Agricultural and Resource Economics, University of Western Australia; Director, Centre for Environmental Economics and Policy; ARC Federation Fellow (2007-2012); Distinguished Fellow and past president of the Australian Agricultural and Resource Economics Society; Fellow of the Academy of Social Sciences in Australia; and a Director of Natural Decisions. He has been an active commentator on environmental policy within Australia, arguing for policies that better reflect scientific, economic and social realities.

David was a Director on the Board of Land and Water Australia 2002-05. His research includes the economics of land and water conservation; environmental policy; farmer adoption of new practices; risk; and economics of farming systems. His research has been published in seven books and 200 journal articles and book chapters, and has been recognised with awards from the USA, Australia, Canada and the UK, including the 2009 ARC Eureka Prize for Interdisciplinary Research.



**Dr Sayed Iftekhhar**  
**Senior Research Fellow, UWA School of Agriculture and Environment, University of Western Australia and CRC for Water Sensitive Cities**

Sayed Iftekhhar is an environmental and resource economist with broad interests in the interactions between human and nature. He has received training on forestry (Khulna University) and biodiversity conservation (Oxford University). Sayed has also worked on coastal zone management in Bangladesh for several years. During his pre-PhD phase, Sayed studied environmental issues such as sustainable forest management, ecosystem services, protected areas and environmental conservation from biological and resource management viewpoints. Later, with PhD training at the University of Western Australia (UWA), he has started using different economic tools such as agent based modelling, laboratory experiments and simulations to study these issues. Sayed has broadened his interests to combinatorial conservation auctions, fisheries quota allocation, networks and group formation, market design for environmental water buyback and intergenerational equity and risk aversion. He is currently working on economics of urban water management and water sensitive cities