

Pre-conference Workshop I
AARES Conference Queenstown
13 February 2007

Non-market valuation, Decision Support Systems and the management of invasive species: Economic tools for public agencies.

Place and time

Queenstown, New Zealand, 13 February 2007, 8.30am – 4.00pm.

Product

This workshop focuses on non-market valuation of indigenous biodiversity and processes for the incorporation of these values into decision-making to protect natural assets from invasive species. Key issues to be addressed include:

- * How analysts understand and model invasions and their impacts
- * Second and third round impacts of incursions
- * The theory of optimal prevention and response
- * Changing catchment values through forest, farmland, urban and coastal marine areas
- * Value Mapping - what information is readily available to decision makers as inputs to valuation?
- * Non-market valuation, case analysis and the role of benefit transfer
- * Attribute surveys and the relationship between NPV analysis and multi criteria analysis
- * Decision Support Systems for biosecurity
- * The impact of scope (local, regional, national) and alternative invasion scenarios on both values and decisions processes.

The workshop will be highly interactive. Contributors are Donna Lee, University of Florida and John Rolfe, University of Central Queensland; plus Frank Scrimgeour, Theo Stephens, Brian Bell, Geoff Kerr, Basil Sharp and Pam Kaval from New Zealand.

This is an opportunity for policy makers, practitioners and researchers to learn about developments, swap views and advance thinking on this important area.

Draft Programme

8.30 Opening – Brian Bell, workshop organiser

8.35 Introduction – Prof. Frank Scrimgeour

8.45 Economic impacts of recent incursions and the methodology used to determine these impacts. Biosecurity New Zealand (Chris Baddeley, Director - Policy)

- 9.30 The theory of optimal prevention and response (Donna Lee, University of Florida, USA)
- 10.15 Morning tea
- 10.45 A framework for optimizing biosecurity response to alien invasive species impacting on indigenous biodiversity (MCA and NPV). Brian Bell
- 11.30 Non Market valuation and the role of benefit transfer (John Rolfe, University of Central Queensland)
- 12.15 Lunch
- 1.15 Value mapping (Theo Stephens, Department of Conservation and Ralf Lattimore)
- 2.00 Developments in attribute surveys for whole ecosystems. Geoff Kerr, Basil Sharp and Pam Kaval.
- 2.45 Panel discussion
- 3.45 Wrap up
- 4.00 Close

Price

Workshop fee: AU\$175.

Further Information

For registration go to <http://www.aomevents.com/conferences/AARES07>

For more information contact: **brian@nimmo-bell.co.nz**.