



**Hop Wattle** 

Scientific name *Acacia stricta*

If you see this plant or know of areas where it occurs, please contact us so that we can record its location and remove it.



# Invasive Alien Species Management – Introduction to session

## **National Invasive Alien Plant Survey – Ian Kotze (ARC)**

- Objectively determined spatial distribution data (range and abundance)
- Planning, implementation and monitoring of distribution changes

## **Economic consequences of environmental impacts of alien plant invasions in SA – David Le Maitre (CSIR)**

- Economic assessment indicating annual losses for water, grazing, biodiversity and ecosystem services totaling about 2.5% of 2009 GDP
- Analysis of cost-benefit ratios of clearing projects

## **Assessment of effectiveness of Working for Water in controlling invasive alien plants – Brian van Wilgen (CIB & CSIR)**

- Reviewed data on extent of invasion, records of the costs and spatial extent of invasive species control operations, assessments of biological control and smaller scale studies
- Focus on 18 alien invasive taxa, mainly trees

## **Lessons on invasive species management for SA from the State of Victoria, Australia – Philip Ivey (SANBI)**

- Victorian government approach of preventing entry of new high risk invasive plant and animals, eradicate those at an early stage of establishment and contain those species that are beyond eradication
- Comparison, lessons learnt and best practices

**Prioritisation of invasive alien control projects using a multi-criteria decision model informed by stakeholder input and spatial data – Andrew Wannenburg (DEA)**

- Decision-support through an analytic hierarchy process to develop and rank criteria for prioritising invasive alien plant control operations
- Spatial data sets used to generate weighting of criteria

**Potential use of systematic biodiversity planning for invasive alien plant prioritisation in the Garden Route – Mathieu Rouget (University of Pretoria)**

- Example of how systematic biodiversity planning could be used for invasive alien plant prioritisation