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2 September, 2011

Managing for healthy forests

FRIDAY 21 OCTOBER 2011

Scientists, environmental managers and community come together to discuss current research investigating effects of climate change on our struggling woodlands and forests. The Western Australian State Centre of Excellence for Forest Health cordially invites you to join this Symposium.

Southwest Western Australia is considered by many climate scientists to be 'a global guinea pig' with regard to climate change. Over the last 30 years, this region has experienced a decline of 14% in rainfall and a temperature increase of 0.45°C.

The majority of current climate change models agree on a continuation of this trend and project a reduction in rainfall ranging up to 20%, and an increase in temperature ranging up to 2°C by 2030 (40% and 5°C by 2070). Such changes will have a significant impact on our natural ecosystems as it is highly likely many species may not have time to adapt to such changes. In southwest Western Australia, we are already seeing significant tree declines in urban, peri-urban, forest and woodland ecosystems as a result of drought. These declines will only increase in severity, extent and impact if we have another dry season, as predicted.

In order to learn to live with a changing climate and to mitigate its impacts on our forests and woodlands, maintaining biodiversity and the ecosystem services they provide, we need: (a) an excellent understanding of the physical, social and policy processes involved, (b) management options available to us, and (c) the will to act sooner rather than later.

**Valley View Restaurant and Reception Centre
10481 West Swan Rd, Henley Brook, WA
Friday 21 October 2011, 8:30am – 5pm
Registration: www.foresthealth.com.au**

Talks will include topics on:

- Remote sensing technologies
- Eco-physiology
- Forest pathology
- Forest entomology
- Restoration ecology
- Impacts of changing forest health on fauna
- Environmental sociology and policy analysis
- Exchanging knowledge between science, society and policy-making



Photos: Healthy and declining jarrah (*Eucalyptus marginata*) forest in southwest Western Australia.

YOU ARE CORDIALLY INVITED TO PARTICIPATE IN THIS SYMPOSIUM



Centre of Excellence for Climate Change
Woodland & Forest Health



Department of
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