



ENVIRONMENT
INSTITUTE OF
AUSTRALIA AND
NEW ZEALAND

Lunchtime Seminar

CLIMATE CHANGE: THE LATEST SCIENCE

Concerned about climate change?

Unclear about the current status of the science?

Haven't had time to read the IPCC's Summary for Policy Makers?

Come to a lunchtime seminar to hear the latest in climate science. Find out what is predicted for the world and Australia over the life of a child born today. Identify what is happening already and the expectations for temperatures, sea level, drought, bush fires, snow cover in 20, 50, 80 years.

Are Humans to blame?

How long can we discuss the issue?

How much of a change are we already locked into today?

What do we need to do as an individual and a society to avoid the worst predictions?

EIANZ is pleased to present Professor Will Steffen (currently ANU's Pro Vice-Chancellor (Research) and previously the Executive Director of the International Geosphere-Biosphere Programme). Professor Stefan will present the latest science, answering these questions and more. There will be an opportunity to ask questions at the end of his presentation.

DATE:	Tuesday 27 March 2007
TIME:	12.30 pm to 1.30 pm (light lunch provided)
VENUE:	Bunker Theatre , John Gorton Building, Parkes, ACT
COST:	EIANZ Members: free Non-members: \$5
PRESENTER:	Professor Will Steffen

To assist with catering and the venue's security requirements, please RSVP by Friday 23 March 2007 to Mark O'Brien (6249 7209, markjobrien@ozemail.com.au)

TEMPERATURE How hot will it get? How much will night time temperatures rise? How many more days over 35°C? **OCEANS** How high will the sea get? How quickly? What has been identified as happening already? Will the rise be uniform across the world? Is the ocean acidifying? Is the North Atlantic conveyor slowing? What will happen to storm surges? **WATER** Where won't the rain fall? Where will it? Will there be enough? Is the current drought impacted by greenhouse? Will the seasonality of rain change? Will evaporation rates change? What will happen to severe storms and cyclones? **ICE AND SNOW** What is happening with the glaciers and ice sheets? What will happen to the ski seasons? Ice free Artic by when? **BIOSPHERE** What will the impacts on plants and animals be? Will sinks become sources? **SCIENCE** Why the changes in predictions from 2001? Any recent science not included in the SPM?