



A partnership between the Environment Institute of Australia and New Zealand and the NSW Office of Environment and Heritage.



Environment
Institute of
Australia and
New Zealand



Office of
Environment
& Heritage

LEARNING TO ADAPT

NATIONAL CLIMATE CHANGE ADAPTATION
PROFESSIONAL DEVELOPMENT PROGRAM
SYDNEY 2014

THREE MODULES:

- | | |
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| 1. Applying the science of climate change impacts | 22 October 2014 |
| 2. Assessing and managing climate change risks | 19 November 2014 |
| 3. Applying and communicating climate change adaptation policy and standards | 10 December 2014 |

UNSW CBD Campus
Level 6, 1 O'Connell Street, SYDNEY

SUPPORTED BY



INSTITUTE OF
ENVIRONMENTAL
STUDIES



green building council australia



Infrastructure
Sustainability
Council of Australia

FOREWORD

The climate is changing and the fabric of our societies', our buildings, our infrastructure and the supply chains that sustain us need to be adapted in response to changing weather patterns.

Learning to Adapt is a training program designed to upskill environment and sustainability professionals on climate change adaptation and is run over 3 separate full days of intensive collaborative learning. The course has been designed by experienced sustainability educators to engage participants in case studies presented by recognised expert guest speakers in climate change adaptation. Participants apply their learning by working together to deliver group projects.

Completion of the course will be recognised by the Institute of Environmental Studies, UNSW, the Infrastructure Sustainability Council of Australia, the Green Building Council of Australia and the Environment Institute of Australia and New Zealand.

Please take the time to review our program and register, at these rates this course will fill quickly!



Sarah Campbell
President
EIANZ NSW Division



Tom E A Davies
Chair
EIANZ Climate Change Special
Interest Section



RECOGNITION

Completion of the 3 modules in this course will be recognised by:

- 150 CDP points under the EIANZ's CEnvP program



- A Master Class in Climate Change Adaptation by ISCA



- 18 Green Star Sustainable Development CPD points



- A Certificate of Attendance issued by the Institute of Environmental Studies, UNSW

PRICING

Membership	Cost for the course (3 modules)
EIANZ member	\$1000
GBCA member	\$1300
ISCA member	\$1300
Non-member	\$1500

Registrations close 17 October 2014

To register and make a payment go to www.eianz.org.au

LEARNING TO ADAPT: CLIMATE CHANGE ADAPTATION TRAINING PROGRAM, SYDNEY 2014

22 OCTOBER 2014 - MODULE 1

APPLYING THE SCIENCE OF CLIMATE CHANGE IMPACTS

At end of this module you will be able to:

- Understand the relevance of climate science to infrastructure decision making by analysing an organisation's interactions with the environment
- Determine the significance of projected current climate impacts relevant to infrastructure and express this in a report
- Contribute to an appropriate response for each interaction by qualifying the accuracy of climate projections and expressing this in business documents

Dr Fabian Sack – Director, Sustainably Pty Ltd, Course Facilitator	<i>Pre-readings & online discussion</i>
	<i>Introduction to Module 1</i>
Kate Harris – CEO, Centre for Sustainability Leadership	<i>Leadership in climate change adaptation</i>
Chris Lee – Senior Team Leader Impacts and Adaptation, Regional Operations Group, Office of Environment and Heritage	<i>Climate Change Science – Latest information to consider</i>
Hamish Clarke – Senior Climate & Atmospheric Scientist, Office of Environment and Heritage	<i>Climate models, climate models, what are they good for?</i>
Stuart Hodgson – Principal Manager, Sustainability North West Rail Link Transport for NSW	<i>Incorporating climate change science into contracts at North West Rail</i>
Project work	<i>Develop a report on climate change science relevant to an organisations' Business Plan</i>

19 NOVEMBER 2014 - MODULE 2

ASSESSING AND MANAGING CLIMATE CHANGE RISKS

At the end of this module you will be able to:

- Assess activities for risks resulting from climate change and develop a prioritised management response
- Lead periodic review of climate change risks and management response and communicate as appropriate
- Facilitate implementation of prioritised management response to climate change risks

Dr Fabian Sack – Director, Sustainably Pty Ltd, Course Facilitator	<i>Pre-readings & online discussion</i>
	<i>Introduction to Module 2</i>
Ken Lundy – Principal Consultant, Edge Environment	<i>Case studies on applying climate change risk management according to AS 5334-2013.</i>
Donna Lorenz – Associate Director, Sustainability & Climate Change, AECOM	
Rick Walters – Technical Director, ISCA	<i>ISCA Rating Tool and Climate Change Adaptation Guidelines as management tools in responding to climate risk</i>
Philip Roth – Business Strategy & Resilience, Sydney Water	<i>Adapting to climate change at Sydney Water</i>
Jackie Lamb – Climate Risk	<i>Using the Adapt Water tool</i>
Adam Davis – Head of Climate Adaptation & Resilience Advisory, KPMG	<i>Lessons from the energy industry</i>
Associate Professor Ron Cox – Civil Engineering, UNSW	<i>Lessons from the NCCOE process – 10 years experience in guidelines on climate change adaptation</i>
Project work	<i>Conduct a climate change impacts risk workshop and review organisational asset and other risk management processes to integrate the management of climate risk.</i>

LEARNING TO ADAPT: CLIMATE CHANGE ADAPTATION TRAINING PROGRAM, SYDNEY 2014

10 DECEMBER 2014 - MODULE 3

APPLYING AND COMMUNICATING CLIMATE CHANGE ADAPTATION POLICY AND STANDARDS

At end of this module you will be able to:

- Develop strategy in response to emerging climate change adaptation policy, industry standards and international best practice
- Communicate climate change adaptation policy and industry compliance requirements to management
- Communicate possible organisational responses to climate change impacts to relevant staff and stakeholders

Dr Fabian Sack – Director, Sustainably Pty Ltd, Course Facilitator	<i>Pre-readings & online discussion</i>
	<i>Introduction to Module 3</i>
Karl Sullivan - General Manager, Risk, Insurance Council of Australia	<i>The Business case for climate change adaptation: Pricing risk</i>
Tom Davies - Director, Edge Environment	<i>Using ecolabelling to communicate a response to climate change to stakeholders</i>
Jorge Chapa - Executive Director, Green Star Technical Development and Operations	<i>Green Star Communities rating tool</i>
John Connor – CEO, Climate Institute	<i>Communicating climate risk in business organisations and motivating action</i>
Hudson Worsley - Contractor , Energy Efficiency & Climate Change, City of Sydney	<i>Preparing an urban community for climate change</i>
Sharon Pope – Manager, Integrated Planning, Lake Macquarie City Council	<i>Preparing a community for sea level rise</i>
Suze Dunford - Senior Team Leader, Impacts and Adaptation, Office of Environment and Heritage	<i>Communicating and Framing Adaptation</i>

For more information contact:
info@sustainably.net.au

