



Australian Government
Department of Climate Change



NATIONAL
climate
change
FORUM

**ADAPTATION PRIORITIES
FOR AUSTRALIA'S COAST**

PROGRAM
18–19 February 2010

The National Wine Centre of Australia
Adelaide, South Australia



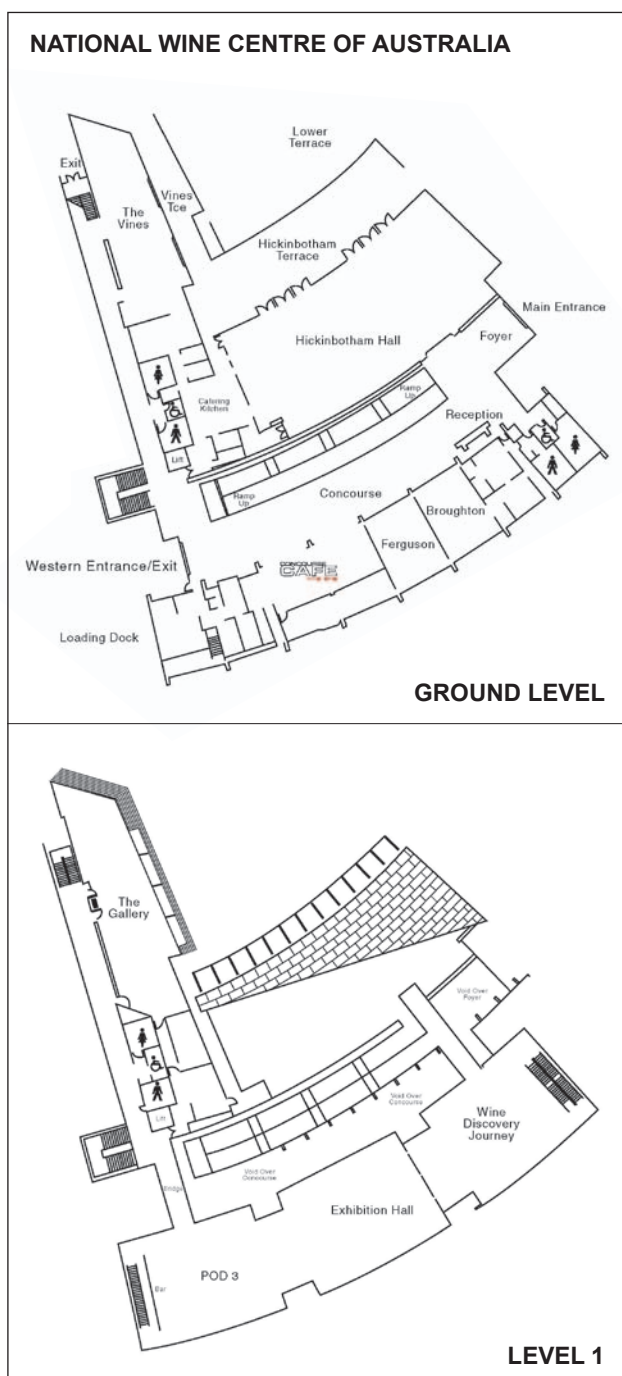
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Forum objective

The National Climate Change Forum 2010 provides an opportunity to engage with key decision-makers to consider national adaptation priorities that will help coastal communities prepare for climate change impacts. Forum participants are encouraged to discuss and make recommendations on coastal adaptation priorities for the next 5–20 years.

Two significant reports were released late in 2009 focusing on climate change impacts in Australia's coastal zone. These provide a platform for Forum participants in considering national adaptation priorities. The two reports are the House of Representatives Climate Change, Water, Environment and the Arts Standing Committee Inquiry report, *Managing our coastal zone in a changing climate: the time to act is now*; and prepared by the Department of Climate Change, *Climate Change Risks to Australia's Coast: a first pass national assessment* (included in your satchel), which highlights the scale of the problem Australia faces, identifies the key risks and outlines the role of adaptation to manage risks.



General information

Venue

The National Wine Centre of Australia
Corner of Botanic and Hackney Roads, Adelaide.
T 08 8303 3355

Dinner

7pm, 18 February
The Auditorium, Adelaide Town Hall
128 King William St, Adelaide.
T 08 8203 7410

Transport

Walking to National Wine Centre of Australia from:

Adelaide Town Hall: 20 minutes
InterContinental Hotel: 20 minutes
Hotel Richmond: 15 minutes
Mantra on Frome: 15 minutes
Mantra on Hindmarsh: 15 minutes

Public transport

Info at www.adelaidemetro.com.au

Taxis

Adelaide Independent Taxis: 1300 360 940
Yellow Cab Company: 13 22 27
Suburban Taxis / Des's Cabs: 131 008

Contact

Event Planners Australia
T 08 8422 8353

From the Minister for Climate Change and Water



Welcome to Adelaide and to the National Climate Change Forum on Adaptation Priorities for Australia's Coasts.

Australia's coasts play a major part in our economy, our environment, and our way of life.

But climate change presents great risks to our coasts. It threatens coastal homes and the viability of coastal industries and ecosystems.

As science advances, we are learning that these risks are greater than we had previously expected – and most of the evidence points to more rapid and severe climate change.

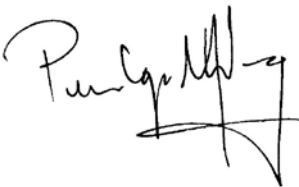
So as we work to reduce the carbon pollution that is causing climate change, we must also prepare for the climate change that we're too late to avoid.

With our coasts at the front line on climate change, facing sea level rise, storm surges and inundation, they also must be at the forefront of our efforts to adapt to climate change.

This is a task that requires the commitment of all levels of government – local, state and national – working in partnership with business and the community. Research and reform will be needed across areas as diverse as land-use planning, building codes, legal and insurance professions and the management of our valuable natural resources.

This Forum marks the beginning of that engagement, which will continue well into the future. I encourage your participation and contribution.

Best wishes



PENNY WONG



Photo credit: © iStockphoto.com/ulgray



Glenelg, Adelaide. Photo credit: S.Daw

PROGRAM DAY 1 – Thursday 18 February 2010

9.00	Welcome to Country <i>Aunty Josie Agius (Kurna Elder)</i>		
SESSION 1 – OPENING AND EVIDENCE BASIS <i>Chair: Professor Penny Sackett (Chief Scientist for Australia)</i>			
9.10	Opening address <i>Senator the Hon. Penny Wong (Minister for Climate Change and Water)</i>		
9.25	Magnitude of the risk: the science of climate change for the coast <i>Professor Will Steffen (Executive Director, Climate Change Institute, ANU)</i>		
9.50	Climate change impacts on infrastructure, settlements and the environment <i>Dr Andrew Ash (Director, Climate Adaptation Flagship, CSIRO)</i>		
10.15	Discussion / questions		
10.30	<i>Morning tea</i>		
SESSION 2 – COASTAL ADAPTATION OPTIONS <i>Chair: Mr Ian Carruthers (First Assistant Secretary, Department of Climate Change)</i>			
11.00	South Australia's adaptation agenda <i>Mr Allan Holmes (Chief Executive, SA Department for Environment and Heritage)</i>		
11.20	Overview: state of coastal adaptation around Australia <i>Professor Bruce Thom (President, Australian Coastal Society)</i>		
11.40	Planning for coastal urban growth <i>Professor Barbara Norman (Foundation Chair and Head of Discipline, Urban and Regional Planning, University of Canberra)</i>		
12.00	Spatial information for decision-making <i>Mr Warwick Watkins (Chief Executive, Surveyor General and Registrar General, Land and Property Management Authority NSW)</i>		
12.20	Discussion / questions		
12.45	<i>Lunch</i>		
CONCURRENT WORKSHOPS: KEY ISSUES FOR ADAPTATION			
13.45	Science for capacity building <u>Discussion leaders:</u> <i>Dr Bruce Mapstone (CSIRO)</i> <i>Dr John Schneider (Geoscience Australia)</i> Climate change science Climate change and coastal processes Data and methods development Coastal climate change scenarios Regional risk assessments	Urban and regional planning <u>Discussion Leaders:</u> <i>Cr Peter Young (City of Gold Coast, QLD)</i> <i>Mr Allen Kearns (CSIRO)</i> Planning frameworks and national consistency Essential services and critical infrastructure Planning and disaster management Ecosystem migration and planning Developing adaptation strategies	Risk guidance and standards <u>Discussion Leaders:</u> <i>Ms Sam Mostyn (University of Sydney)</i> <i>Prof Bruce Thom (Australian Coastal Society)</i> Risk guidance frameworks Construction and engineering codes and standards Legal liabilities Insurance
15.30	<i>Afternoon tea</i>		
16.00	Science for capacity building cont.	Urban and regional planning cont.	Risk guidance and standards cont.
17.30	Close of Day 1		
19.00	Forum Dinner <i>Dinner venue – Adelaide Town Hall</i> <i>Dinner address – Ms Wendy Harmer “What’s so funny about climate change?”</i>		

PROGRAM DAY 2 – Friday 19 February 2010

SESSION 2 – COASTAL ADAPTATION OPTIONS (cont.)

Chair: Dr Mal Washer MP (Deputy Chair, House of Representatives Standing Committee on Climate Change, Water, Environment and the Arts)

9.00	State Minister's address <i>The Hon. Jay Weatherill MP (Minister for Environment and Conservation, South Australia)</i>
9.20	Key findings from <i>Managing our Coastal Zone in a Changing Climate – the time to act is now</i> report <i>Ms Jennie George MP (Chair, House of Representatives Standing Committee on Climate Change, Water, Environment and the Arts)</i>
9.45	Report-back from Day 1 workshops – priorities for adaptation action <i>Workshop discussion leaders</i>
10.15	Discussion / questions
10.30	<i>Morning tea</i>

SESSION 3 – FRAMING A NATIONAL STRATEGY

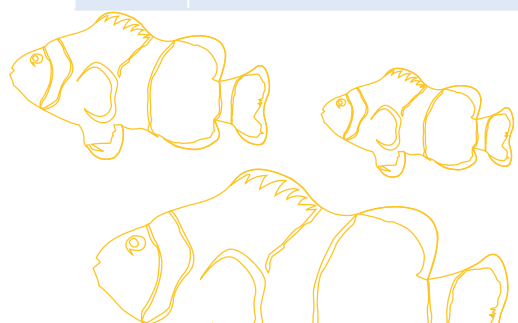
Chair: Cr Jan Barham (Mayor, Byron Shire Council, NSW)

11.00	The human dimension <i>Professor Tim Flannery (Faculty of Science, Macquarie University; Chair, Coasts and Climate Change Council)</i>
11.20	National perspective <i>Dr Martin Parkinson (Secretary, Department of Climate Change)</i>
11.40	State perspective <i>Mr John Ginivan (Executive Director Planning Policy, Department of Planning and Community Development, Victoria)</i>
12.00	Local government perspective <i>Cr Paddi Creevey (Mayor, City of Mandurah, WA)</i>
12.20	Discussion / questions
12.30	<i>Lunch</i>
1.30	National adaptation priorities – plenary discussion <i>Facilitator: Mr Rob Gell, World Wind</i> <i>Panel: Mr Alan Stokes (National Seachange Taskforce), Mayor Michael Regan (Warringah Council NSW), Mr Greg Allen (Sydney Water), Prof Will Steffen (ANU), Mr Michael Nolan (AECOM), Cr Walter Mackie (Torres Strait Regional Authority), Prof Bruce Thom (Australian Coastal Society)</i> Session to discuss and identify: <ul style="list-style-type: none">• Immediate priorities to build adaptation capacity (what required in next 5 years)• National priorities for implementing coastal adaptation (time horizon next 20 years) Electronic voting of participants on top areas for national action over next 5 years.
15.30	<i>Afternoon tea</i>

SESSION 4 – CLOSING AND NEXT STEPS

Chair: Dr Martin Parkinson (Secretary, Department of Climate Change)

16.00	Closing address <i>Senator the Hon. Penny Wong (Minister for Climate Change and Water)</i>
16.30	Close of Day 2



The Coasts and Climate Change Council

The Coasts and Climate Change Council was appointed by the Minister for Climate Change and Water in October 2009 to provide advice in the lead up to the National Climate Change Forum: Adaptation Priorities for Australia's Coast; and to help shape longer term strategies for community engagement.

Council membership:

- Professor Tim Flannery, Faculty of Science, Macquarie University (Chair)
- Professor Bruce Thom, President, Australian Coastal Society
- Professor Barbara Norman, Urban Planning, Faculty of Business and Government, University of Canberra
- Cr Paddi Creevey, Mayor, City of Mandurah
- Cr Ron Clarke, Mayor, Gold Coast City Council
- Ms Sam Mostyn, Director, Institute of Sustainable Solutions, University of Sydney
- Mr Geoff Lake, President, Australian Local Government Association

Speakers Biographies



Professor Will Steffen

Professor Will Steffen is Executive Director of the ANU Climate Change Institute at the Australian National University (ANU), Canberra, and is also Science Adviser to the Australian

Government Department of Climate Change.

His research interests span a broad range within the fields of climate change and Earth System science, with an emphasis on incorporation of human processes in Earth System modelling and analysis; and on sustainability, climate change and the Earth System.



Dr Andrew Ash

Dr Andrew Ash leads the Climate Adaptation National Research Flagship which aims to equip Australia with practical and effective adaptation options to climate change and variability. Dr Ash

has over 20 years experience in understanding how climate impacts ecosystems and their management and for the last 10 years has worked to better integrate climate science and impacts research for application by end-users.



Mr Allan Holmes

Allan Holmes has led the South Australian Department for Environment and Heritage as Chief Executive since 2000. He was previously the Director of National Parks and Wildlife from

1994 to 2000, during a period of major reform and renewal. Mr Holmes started his professional career with the Commonwealth Serum Laboratories as a biochemist. Since then he has worked in agriculture, forestry, wildlife management, public land management and environmental protection – all areas where he has demonstrated a passion for public service.



Professor Bruce Thom AM FTSE

Professor Bruce Thom is a member of the Wentworth Group of Concerned Scientists and is President of the Australian Coastal Society. He holds the title of Emeritus Professor from

the University of Sydney. Professor Thom served as Chair of the Australian State of Environment Committee 1998–2002, and as Chair of the Coastal Council of New South Wales (1999–2004).



Professor Barbara Norman

Professor Barbara Norman is the Foundation Chair and Head of Discipline, Urban and Regional Planning, University of Canberra.

Professor Norman is a Life Fellow and past national president of the Planning Institute of Australia, an honorary member of the Royal Town Planning Institute (UK) and a research associate with the Australian Housing and Urban Research Institute.



Mr Warwick Watkins AM

Mr Warwick Watkins is the Chief Executive of the Land and Property Management Authority, Surveyor General and Registrar General, of NSW. Mr Watkins holds a number of

positions in the Australian spatial industry including: Chair of the Australian and New Zealand Land Information Council (ANZLIC); Chair of the Australian Spatial Council; Chair, Spatial Information Systems Limited; Deputy Chancellor of the University of Technology, Sydney; President of the Board of Surveying and Spatial Information (BOSSI); and Deputy Chair of the CSIRO Water for a Healthy Country National Research Flagship Advisory Council Advisory Board.



The Hon. Jay Weatherill MP

The Hon. Jay Weatherill is the South Australian Minister for Environment and Conservation, Early Childhood Development, Aboriginal Affairs & Reconciliation and Minister Assisting

the Premier in Cabinet Business & Public Sector Management. He is a lawyer with an economics degree and established his own law practice in 1995, Lieschke & Weatherill. He practised law until he was elected as the Member for Cheltenham at the 2002 State election. He has previously held the portfolios of Urban Development & Planning, Administrative Services, Local Government and Gambling, Families & Communities, Housing, Ageing and Disability.



Ms Jennie George MP

Ms Jennie George is the Federal Member for Throsby NSW. She is the Chair of the House of Representatives Standing Committee on Climate Change, Water, Environment and the Arts, that in October

2009 produced the Inquiry report, *Managing our coastal zone in a changing climate: the time to act is now*.



Professor Tim Flannery

Professor Tim Flannery is one of Australia's leading thinkers and writers. He is currently Professor in the Faculty of Science at Macquarie University. He represents Australasia

on the National Geographic Society Research Grant Committee, was recently appointed to the board of WWF International, and is a director of the Australian Wildlife Conservancy. From 2006 to 2009 he was Chair of the Copenhagen Climate Council. In 2007 he was named Australian of the Year.



Dr Martin Parkinson

Dr Martin Parkinson is the Secretary of the Department of Climate Change. Dr Parkinson was previously the Executive Director (Deputy Secretary) in the Department of the Treasury,

with responsibility for domestic and international macroeconomic issues, and as Deputy Secretary of the Climate Change Group in the Department of the Prime Minister and Cabinet with responsibility for leading and coordinating implementation of the emissions trading scheme and coordinating climate change policy.



Mr John Ginivan

Mr John Ginivan is the Executive Director Planning Policy with the Department of Planning and Community Development, Victoria.

He has extensive experience in metropolitan and regional planning, coastal planning and management and natural resource management. He has represented Victoria on a range of Committees advising the Planning and Local Government Ministers Council and the Natural Resource Ministers Council.



Councillor Paddi Creevey

Councillor Paddi Creevey was elected by the community as Mayor of the City of Mandurah for her second term in October 2009. This built on her three consecutive terms as a Coastal Ward Councillor

which included two years as Deputy Mayor. Councillor Creevey has a Bachelor of Applied Science in Social Work and worked at the Royal Perth Hospital, and then at Community Health based in Mandurah for 20 years.



Mr Rob Gell (Facilitator)

Mr Rob Gell combines skills in communications, media and sustainability strategies for business with a strong network that includes the scientific and business communities,

government and NGO sectors. As an environmental geographer, educator and communicator his multi-disciplinary approach to business facilitates an entrepreneurial approach to sustainability. He is the National President, Greening Australia Ltd; Chair, Mornington Peninsula & Western Port Biosphere; and a Victorian Coastal Council member.



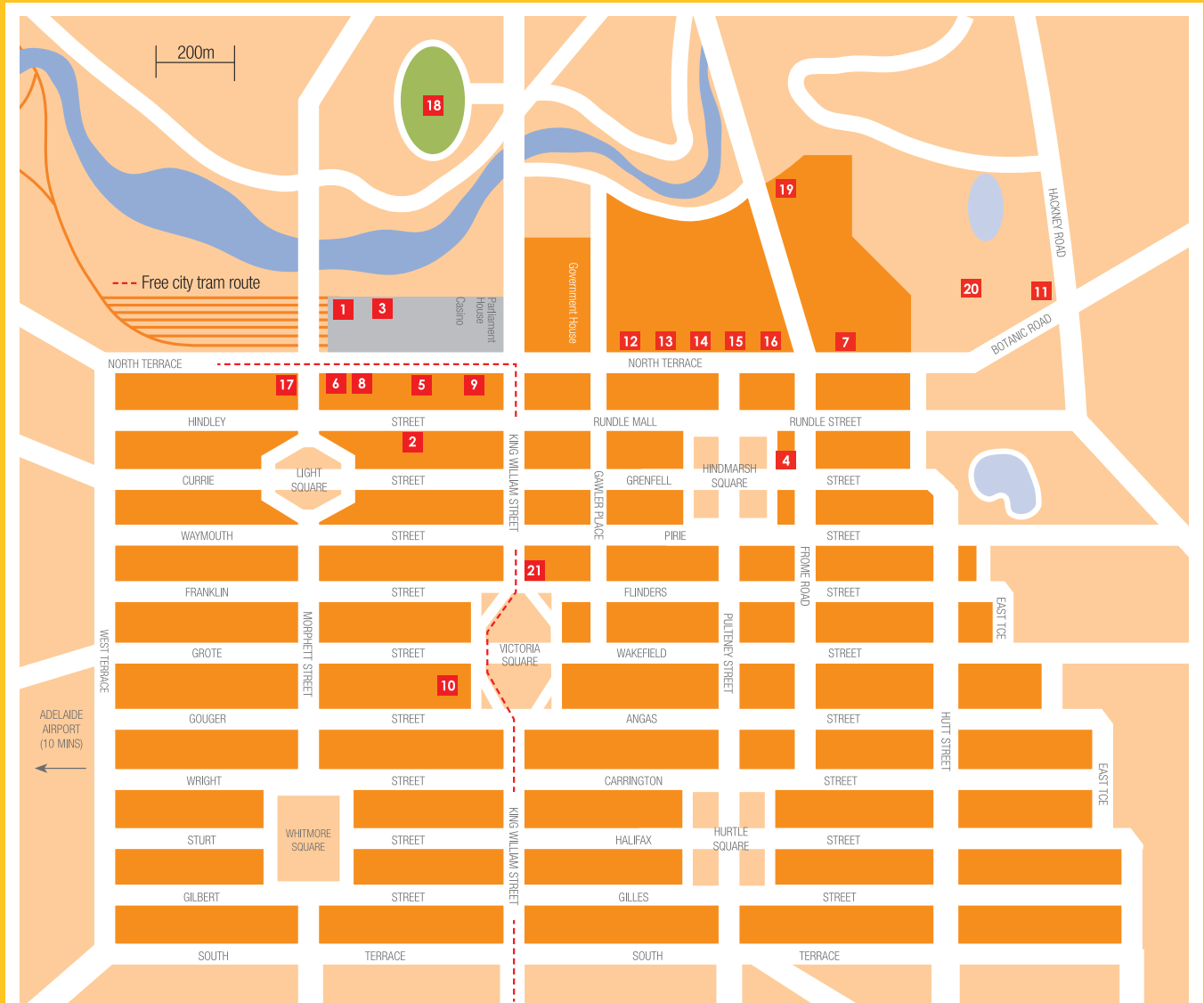
Ms Wendy Harmer (Dinner speaker)

Wendy is one of Australia's most successful comedians. Wendy had outstanding success leading 2DayFM's top rating Breakfast radio show team in Sydney for 11 years. Wendy has

written several successful books for adults, most recently Roadside Sisters, and books for children with her popular Pearlie the Park Fairy series, which recently premiered as an animation series on Network Ten. Wendy appeared as host of ABC TV's The Big Gig for three years and has written numerous newspaper and magazine columns. She wrote and presented the documentary series, Stuff, for ABC TV, and her first teenage novel I Lost My Mobile at the Mall was published in November. She is a member of the National People with Disabilities and Carers Council and is the national ambassador for Interplast.



Map of Adelaide



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|---|--|---|
| 1. Adelaide Convention Centre | 8. Sebel Playford | 15. The University of Adelaide |
| 2. Hotel Grand Chancellor Adelaide or Hindley | 9. Stamford Plaza | 16. The University of South Australia – City East |
| 3. InterContinental Adelaide | 10. Central Markets | 17. The University of South Australia – City West |
| 4. Majestic Roof Garden | 11. National Wine Centre of Australia | 18. Adelaide Oval |
| 5. Mecure Grosvenor Hotel | 12. State Library of South Australia | 19. Adelaide Zoo |
| 6. Oaks Embassy | 13. South Australian Museum | 20. Adelaide Botanical Gardens |
| 7. Royal Adelaide Hospital | 14. The Art Gallery of South Australia | 21. Adelaide Town Hall |