

MAKING SPACE FOR THE SEA:

ADAPTING TO CLIMATE CHANGE IN COASTAL FREMANTLE



Please join us for a FREE action-planning event presented by: Australian Sustainable Development Institute and Curtin University Sustainability Policy Institute.

Our collaborative objective for the day is to understand and map community values, concerns and solutions to climate change impacts in coastal Fremantle, using Google Earth to map ideas contributed by participants. The results will contribute to ongoing climate change planning by City of Fremantle and the State Government.

Venue: Curtin University Sustainability Policy Institute, 3 Pakenham Street, Fremantle

Date: Friday 24 July 2009, 8.30am – 5.00pm

To register: email CUSP@curtin.edu.au

PROGRAM

8.30 am: **Registration**

8.50 am: Mr Charlie Thorn, Director, Australian Sustainable Development Institute, Welcome

9.05 am: Dr Noel Nannup, Noongar Elder, Welcome to Country: 'When the sea levels rose'

9.30 am: Prof Janette Hartz Karp and Laura Stocker, CUSP, Introduction to today's activities

Identifying Climate Change Impacts for Coastal Fremantle

9.40 am: Mr Glenn Cook, Bureau of Meteorology, Storm events and sea level rise

9.50 am: Mr John Ruprecht, Department of Water, Ground water implications of climate change

10.00 am: Prof Chiari Pattiaratchi, University of Western Australia, Impacts of climate change on Fremantle

10.20 am: Small Group Discussions

10.40 am: Climate Change Impacts Panel

Morning Tea 11.00 – 11.20am

Local Adaptive Responses for Fremantle

11.20 am: Ms Adele Carles, MLA for Fremantle, Coastal development in Fremantle

11.30 am: Mr Charles Johnson, DPI, Climate

change and coastal planning policy: its application in Fremantle

11.40 am: Cr Jon Strachan, City of Fremantle, Role of City of Fremantle in adapting to climate change

11.50 am: Assoc Prof Laura Stocker, CUSP, Coastal adaptation and good practice

12.00 md: Climate Change Adaptation Panel

12.30 pm: Creating Adaptation Response Teams

Lunch: 1 – 2pm

Deliberations on Coastal Adaptation for Fremantle

2.00 pm: Small Group Discussions and Google Earth Mapping of Adaptation Responses

Tea and coffee available

3.15 pm: Feedback and Presentation of Google Earth Maps

4.00 pm: Panel Response - Roadblocks, Synergies, Opportunities

Conclusion and Next Steps

4.15 pm: Prof David Wood, Pro Vice-Chancellor Humanities, Curtin University, Next steps to action: coastal adaptation to climate change in Western Australia

Sundowner 4.30 pm

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BIOGRAPHIES OF SPEAKERS

Adele Carles

Adele Carles is the newly elected State member for Fremantle. Adele made history in the Fremantle by-election last month by becoming the first Greens member in Australia to win a Lower House seat in a State Parliament in a single electorate contest.

Adele is a lawyer who has a history of community activism in Fremantle. Today she is here to talk about one of her favourite topics - coastal development in Fremantle.

Glen Cook

Glen Cook is a senior meteorologist at the Bureau of Meteorology.

Janette Hartz-Karp

Professor Janette Hartz-Karp is renowned nationally and internationally for her innovative work in community engagement and deliberative democracy. Her current role as Professor of Sustainability, CUSP, involves research into deliberative democracy, teaching deliberative democracy in the Masters in Sustainability Studies, and also designing and implementing innovative deliberative engagement initiatives.

Charles Johnson

Charles Johnson is Executive Planner Special Projects with the Department of Planning (formerly Department for Planning & Infrastructure). For the previous 7 years he was CEO of the City of Wanneroo and has had more than 25 years experience in planning and development. He has over-viewed the preparation of the new metropolitan planning strategy for Perth, called 'Directions 2031: A Spatial Framework for the Perth & Peel Region'. He is also Chair of the Commercial Enterprise and Urban Development Working Group reporting to the Local Government Reform Steering Committee established by the Minister for Local Government.

Noel Nannup

A Noongar/Injibarndi man, Dr Nannup's career has been dedicated to promoting environmental care and educating Western Australians about the rich cultural heritage of Aboriginal people and their lands. Dr Nannup currently works with TAFEs and universities to educate young people about Aboriginal culture and heritage, and runs cross-cultural awareness workshops for private enterprise and government departments. He is also mapping ancient Noongar dreaming trails which he hopes will become Cultural Corridors to be used by all Australians. Dr Noel Nannup recently received Indigenous Higher Education Advisory Council's Elders Award, after being recommended for the honour by Curtin University. Dr Nannup holds an Associate Diploma of Applied Science, majoring in cultural heritage management, from the University of Canberra and in 2004 was awarded an Honorary Doctorate of Education by WA's Murdoch University in recognition of his outstanding achievements in Indigenous education.

Charitha Pattiaratchi

Professor Charitha Pattiaratchi is a research leader at UWA's School of Environmental Systems Engineering. He specialises in coastal physical oceanography, beach dynamics, coastal sediment transport and beach-groundwater interaction. He has made a particular study of the impacts of climate change on the Fremantle area. His qualifications are: B.Sc. (joint honours) University College of Swansea, University of Wales; M.Sc. University College of Swansea, University of Wales; Ph.D. University College of Swansea, University of Wales

John Ruprecht

John Ruprecht has a Bachelor of Engineering (Civil), Masters in Engineering Studies and also in Business Administration. John Ruprecht has over 25 years experience in water supply, water resource management, and natural resource management. He has extensive experience in water resource management across Western Australia related to flood management, salinity management, urban water, water availability and water resource assessment. John Ruprecht is currently Director, Water Resource Management in the Department of Water. John is the immediate past chair of the National Committee of Water Engineering for Engineers Australia and a past president of the WA Division - Engineers Australia.

Laura Stocker

Associate Professor Laura Stocker is a marine ecologist by profession. She is based at Curtin University Sustainability Policy Institute. Currently, she researches and teaches in the area of coastal sustainability, climate change policy, sustainability mapping, sustainability education, cultural values of place, and conceptual aspects of sustainability. Laura coordinates the Masters program in Sustainability Studies. Laura embraces an interdisciplinary approach to sustainability.

Jon Strachan

When I arrived in Fremantle twenty five years ago I knew this was somewhere special and this was the end of my nomadic life. Sixteen years down the track I moved into the former JD Cockells Stables in South Fremantle and found a strong sense of community and a place I now love to call home. I first stood for South Ward in the 2005 elections. My role on Fremantle City Council is broad based, and I'm committed to good governance across Fremantle. My responsibilities include, Chair of the South West District Planning Committee and member of the Metropolitan District Planning Committee. I am Fremantle Council's representative to Western Australian Local Government Association and member of five Community Advisory committees and Working groups ranging from Arts to Transport via Property portfolio management. I also represent the council on two South West Group Committees, the Environment & Services and Planning & Infrastructure.

David Wood

Professor David Wood is Pro Vice Chancellor for Humanities at Curtin University of technology. David holds senior positions on the State Government's peak planning boards including: Chair of the State's Coastal Planning and Coordination Council and the Perth Coastal Planning Strategy Steering Committee; Deputy Chair of the Ningaloo Sustainable Development Committee; Commissioner of the Western Australian Planning Commission; and member of the Steering Committee for the WA State of the Environment Report. David Wood's primary research foci are coastal and tourism planning. David works extensively on Sustainable Tourism Cooperative Research Centre projects and is currently project leader for three national projects.

