

# \*Draft Program

\*subject to change, last updated 10 April 2018

Day Zero: Monday 7 May			
10.00-12.00pm	Early career professionals workshop Chairs: Tayanah O'Donnell (Future Earth) and Mark Stafford Smith (CSIRO)		
12.00-1.00pm	Lunch	12.30 – 5.00pm <b>2018 Adaptation Sector Summit</b> <i>Sponsor: The Victorian Department of Environment, Land, Water and Planning</i> <i>Room:</i>	1.00 – 5.00pm <b>Workshop on Application of Australian Rainfall and Runoff (ARR2016) in Urban Areas</b> <i>Australian Rainfall and Runoff</i> <i>Room:</i>
1.00-4.30pm	Early career professionals workshop <i>continues</i>		
5.00-6.30pm	Climate Adaptation 2018 Welcome Reception Exhibition Foyer		

Day One: Tuesday 8 May			Innovation theatrette
8.30 - 10.00am <b>Welcome and Plenary 1</b>	<b>Welcome to Climate Adaptation 2018</b> <b>Room: P1&amp;2</b> Chair: Jean Palutikof <ul style="list-style-type: none"> <li>• Welcome to Country</li> <li>• The Hon Lily D'Ambrosio (tbc)</li> <li>• Jean Palutikof (Director of NCCARF)</li> <li>• Katherine Daniell (Engineers Australia)</li> </ul>	<ul style="list-style-type: none"> <li>• Voice of Youth</li> <li>• Mark Howden (Australian National University)</li> <li>• Kathy McInnes (CSIRO)</li> </ul>	
10.00 - 10.30am	Morning tea		
10.30 - 12.00 <b>Plenary 2</b>	<b>Pushing the boundaries – beyond traditional approaches</b> <b>Room: P1&amp;2</b> Chair: Sarah Boulter <ul style="list-style-type: none"> <li>• <b>Hugh Hunt</b>, Cambridge University</li> <li>• <b>David Wachenfeld</b>, GBRMPA</li> <li>• <b>Tony Capon</b>, University of Sydney</li> </ul>		
12.00 - 1.00pm	Lunch		

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<p>1.00 – 2.30pm <b>Panel sessions</b></p>	<p><b>Climate change and legal risks in land-use planning decisions</b> <i>Room: M1&amp;2</i> <i>Sponsor: The Victorian Department of Environment, Land, Water and Planning</i></p>	<p><b>Indigenous communities adapting</b> <i>Room: M7&amp;8</i></p>	<p><b>Climate adaptation and international development finance</b> <i>Room: P3</i> <i>Sponsor: Climate Change Services Australia</i></p>	<p><b>Communication workshop</b> to be announced <i>Room: M9&amp;10</i></p>	<p><b>Climate change science and services: informing adaptation policy</b> <i>Organiser: The Earth Systems and Climate Change Hub</i> <i>Room: M5&amp;6</i></p>	
<p>2.30 – 3.00pm</p>	<p>Afternoon tea</p>					
<p>3.00 – 5.00pm <b>Parallel sessions</b></p>	<p><b>1. Communication and engagement – the key to good adaptation</b> <i>Chair: Jean Palutikof</i> <i>Room: P3</i></p> <p>Using communication and engagement to motivate adaptation action in the built environment; lessons from an Australian in Oxford. <i>Tanya Wilkins</i></p> <p>Co-creation conversations in local government: Visually communicating climate change <i>Stephen Flood</i></p> <p>Identifying and incorporating community coastal values in coastal hazard risk management and adaptation planning: A case study of the south west of WA <i>Craig Pery</i></p>	<p><b>2. International aspects of adaptation</b> <i>Chair: Paulina Aldunce</i> <i>Room: M9&amp;10</i></p> <p>Securitization of Climate Change in India and China: Issues, Concerns and Implications <i>Sachna Arora</i></p> <p>AWWA Manual M71 - Manual of Climate Action Plan: Adaptive Management for Utilities to Address Uncertainty Driven by Short-Term and Long-Term Climate Variability <i>Spandana Tummuri</i></p> <p>Paris compatible climate action planning for cities: global best practice and implications for Australian cities and councils <i>Stella Whittaker</i></p> <p>Coastal Engineering Solutions for Remote Pacific Island Communities <i>Stuart Bettington</i></p>	<p><b>3. Adaptation policy and governance</b> <i>Chair: James Duggie</i> <i>Room: M7&amp;8</i></p> <p>Urban Climate governance: Painting the green tree without looking at the root <i>Jharana Bhattarai</i></p> <p>Coastal adaptation - towards a statutory reconciliation of private rights and public interest <i>Ballanda Sack</i></p> <p>Attributes of good governance for effective adaptation action, and regional transition <i>Suzanne Dunford</i></p> <p>Estimating the Economic Benefits of an Improved Cyclone Early Warning Service in Bangladesh: An Application of Choice Modeling <i>Md Masumur Rahaman</i></p>	<p><b>4. Decision-making options for risk management: pathways approaches</b> <i>Chair: Mark Stafford Smith</i> <i>Room: M1&amp;2</i></p> <p>How is Adaptation Pathways actually applied in climate change adaptation planning? A review <i>Estelle Gaillard</i></p> <p>Applying Resilience, Adaptation and Transformation pathways lens for effective design, implementation and assessment of sustainable development interventions <i>Yiheyis Maru</i></p> <p>DAPP goes Philippines: Practical Guideline on Integrating Uncertainty into Adaptation Investment Decisions <i>Andrew Warren</i></p> <p>Bogies and Volcanic Plains: some lessons from using 'Adaptation Pathways' for climate change planning in Natural Resource Management (NRM) <i>Karyn Bosomworth</i></p>	<p><b>5. Responding to sea-level rise and adaptive coastal management</b> <i>Chair: Rohan Hamden</i> <i>Room: P1&amp;2</i></p> <p>Camping ground, battleground or losing ground for coastal adaptation to climate change <i>Anne Leitch</i></p> <p>Coastal Hazards and Climate Change: New Zealand Guidance <i>Emma Lemire</i></p> <p>Managing coastal hazard risk for Broome's historical town centre under projected sea level rise <i>Jim Churchill</i></p> <p>Adaptation pathway of McEwens Beach – the</p>	<p><b>Climate change science and services: informing adaptation decisions</b></p> <p><i>Organiser: The Earth Systems and Climate Change Hub</i> <i>Room: M5&amp;6</i></p>

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	<p>It's not easy being green...or is it? <i>Nicole Halsey</i></p> <p>Access to hazard information to underpin adaptation <i>Martyn Hazelwood</i></p> <p>Finding the right path: stakeholder engagement tools for adaptation planning <i>Andrew Warren</i></p> <p>Supporting Indigenous Rangers Manage the Impacts of Climate Change on Cultural Heritage Sites <i>Bethune Carmichael</i></p> <p>Communicating climate risk in the Department of Health and Human Services: framing and engagement <i>Daniel Voronoff (ST)</i></p>	<p>Frontline Cities and Islands - an ICLEI &amp; Glispa initiative advancing adaptation and resilience through partnership <i>Steve Gawler</i></p> <p>Impacts of saltwater intrusion on fishers livelihoods and coping strategies in the Nabaganga river of Bangladesh <i>Md. Shariful Islam</i></p> <p>Climate information and forward-looking decision making in Resilient Development <i>Charlotte Sterrett (ST)</i></p> <p><u>Latent Knowledge on Green Infrastructure as a Source of Community Resilience against Climate Change, a Case Study in Dhaka's Slum, Bangladesh</u> <i>Razia Sultana (ST)</i></p> <p>Adaptation to Climate Change in Nawairuku Village, Ra Province, Fiji <i>Renee Currenti (ST)</i></p> <p>Working with partners to build resilience: A Multi-stakeholder relationships, alliances and networks <i>Charlotte Sterrett (ST)</i></p>	<p>Overcoming challenges for adaptation across borders - insights from a case study of the ACT <i>Jo Mummery</i></p> <p>Monitoring, Evaluation, Reporting and Improvement Framework for Climate Change Adaptation in Victoria <i>Jessica Barnes</i></p> <p>Monitoring and Evaluation of climate change adaptation by local government: The state of play in Australia <i>Helen Scott</i></p> <p>Key themes on undertaking collaborative research to inform government policy for the benefit of regional transitions <i>Tayanah O'Donnell (ST)</i></p>	<p>How to adapt and when: Three perspectives on emerging challenges in the use of adaptation pathways for coastal hazard management <i>Mark Siebentritt</i></p> <p>Real-life testing of adaptive pathways and risk assessment tools in a coastal hazard and sea level rise context <i>Judy Lawrence</i></p> <p>The politics of pathways: lessons learned from developing countries? <i>Russell Wise</i></p> <p>Advantages and pitfalls of using risk management as an entry point to climate adaptation <i>Veronica Doerr</i></p>	<p>journey of a constructed, self-funded seawall <i>Jodie Sekac</i></p> <p>QCoast2100 - Delivering Queensland-wide adaptation planning for coastal hazards &amp; sea level rise <i>Subathra Ramachandram &amp; Sel Sultmann</i></p> <p>Adapting priority coastal recreational infrastructure for climate change <i>Eduardo Pombo</i></p> <p>A Scenario Wherein The Nation of Kiribati Partly Or Wholly Transmigrates As An Adaptation To Sea Level Rise <i>Jonathon Dobson (ST)</i></p> <p>Rising seas and shifting sands: the vulnerability of reef islands in Isabel Province, Solomon Islands <i>Meagan Lowe (ST)</i></p>	
5.00 – 6.30pm	<b>AdaptFest Opening Night – Film festival</b> <b>Room: P1&amp;2</b>					
6.30 – 7.30pm	<b>Poster session and drinks</b> <b>Exhibition Foyer</b>					

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Day Two: Wednesday 9 May						Innovation theatrette
8.30-10.00am Plenary 3	<b>The big three: legal liability, banking, and insurance</b> Chair: Chris Lee <b>Room: P1&amp;2</b>		<ul style="list-style-type: none"> <li>• Sarah Barker, MinterEllison</li> <li>• Rosemary Bissett, National Australia Bank</li> <li>• Mark Leplastrier, IAG</li> </ul>			
10.00-10.30am	Morning tea					
10.30 - 12.00 Parallel session	<b>6. Climate ready natural resource management and the resilience of ecosystems</b> <b>Chair: Craig James</b> <b>Room: P3</b>  Climate change adaptation efforts for species may be antagonistic to natural evolutionary responses <i>Alistair Hobday</i>  Impacts and adaptation strategies of climate change in the Kimberley: an ecosystem based study <i>Hector Lozano-Montes</i>  The Biodiversity Node: tools for NSW decision-makers to facilitate species' resilience to climate change <i>Linda Beaumont</i>  Living Shoreline Response to Building Coastal Resilience <i>Ralph M Roob</i>	<b>7. Living better with extremes: predictions and preparedness</b> <b>Chair: Sarah Boulter</b> <b>Room: M9&amp;10</b>  A historical perspective on Australian temperature extremes <i>Joelle Gergis</i>  Emergency Simulations, Disaster Preparedness and the Arts: Evaluating the Refuge Project <i>Lachlan MacDowall</i>  Heatwaves, highrise and the ageing population: Are we prepared? <i>Leigh A Wilson</i>  Are we hot and bothered? Associations between temperature and crime in New South Wales <i>Heather R Stevens</i>	<b>8. Financing adaptation Liability and risk in climate change adaptation</b> <b>Chair: David Rissik</b> <b>Room: M7&amp;8</b>  The affordability of natural peril insurance <i>Tim Andrews</i>  The case for a national adaptation fund to reduce ongoing climate risks? Can we change the discourse? A New Zealand perspective <i>Judy Lawrence</i>  Law and climate change <i>Tayanah O'Donnell</i>  Responding to climate risks in Africa: Adaptation Options and AfDB's Perspectives <i>Al-Hamndou Dorsouma</i>  From point value to sustainability investment logic- infrastructure appraisal and the challenges of climate change	<b>9. Decision-making options for risk management</b> <b>Chair: Russell Wise</b> <b>Room: M1&amp;2</b>  Fit-for-purpose: a phased approach to pathways application <i>Andrew Warren</i>  The governance of learning to do differently: enabling adaptation by evolving decision contexts <i>Michael Dunlop</i>  Co-creating adaptation pathways for primary industries in Hawke's Bay, New Zealand <i>Nick Cradock-Henry</i>  Managing coastal flood risk: vulnerability assessment and long-term adaptation planning <i>Timothy Ramm</i>	<b>10. Building resilience of communities and community services</b> <b>Chair: Nadine Marshall</b> <b>Room: P1&amp;2</b>  Resident Experiences of Shock Climate Events – Lessons for Resilience <i>David Schlosberg</i>  Building Community Resilience through Industry and Academic Partnership <i>Jon Harwood</i>  Embedding resilience to climate change and disaster risks within community sector organisations: A Victorian case study <i>Daniel Voronoff</i>  Islands of resilience - building community resilience in the Torres Strait <i>John Rainbird</i>  Cooling Communities <i>Kathryn A Skidmore &amp; Mike Collins</i>	<b>Developing the Adaptation Innovation Community</b> <b>Room: M5&amp;6</b>  Sponsor: Climate KIC  Chair: Chris Lee

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	<p>From grey to green: efficacy of eco-engineering solutions for nature-based coastal defence <i>Rebecca L Morris</i></p> <p>Mangrove Farming As a Trial Pre-Adaptation to Sea-level Rise <i>Jonathan Dobson (ST)</i></p> <p>Impacts of groundwater extraction on ecophysiology of Australian trees <i>John Gallego Carboneras (ST)</i></p>	<p>Assessment of Climate Change Hazard Impacts on Victorian Coastal Assets <i>Harmen Romeijn</i></p> <p>Building Resilient Structures against Extreme Wind: Case Studies in the Philippines <i>Chi-Hsiang Wang</i></p> <p>A review of climate change and extreme events in Australia <i>Andrew J Dowdy (ST)</i></p>	<p><i>Angela Reidy</i></p>	<p>Developing workflows to support consideration of climate risks in decision-making by non-(climate)-experts <i>Mark Stafford Smith</i></p> <p>Robust adaptation decision-making under uncertainty: An application of real options analysis to decision-making in the water sector <i>Anita Wreford (ST)</i></p> <p>A flood of claims: Incorporating climate change into peril models for insurers <i>Kate Simmonds (ST)</i></p>	<p>Adapting to climate change in the Tiwi Islands <i>Mavis Kerinaiaua</i></p>	
12.00-1.30pm	Lunch			<p>Workshop: Risk assessment <i>Sponsor: Aither &amp; BMT WBM</i></p> <p><b>Room: M9&amp;10</b></p>		
1.30 - 3.00pm Panel sessions	<p><b>Climate change risk and the changing insurance landscape</b> <i>Sponsor: The Victorian Department of Environment, Land, Water and Planning</i></p> <p><b>Room: M1&amp;2</b></p>	<p><b>Local adaptation – stories from practitioners</b> Chair: Jean Palutikof <b>Room: M7&amp;8</b></p>		<p><b>Working ethically across knowledge and action for climate change adaptation</b> <i>Sponsor: Climate Change Institute ANU</i></p> <p><b>Room: P3</b></p>	<p><b>Financial Innovation and Adaptation Panel</b> <b>Room: M5&amp;6</b></p> <p>Sponsor: Climate KIC Chair: Kate Mackenzie</p>	
3.00-3.30pm	Afternoon tea					

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<p>3.30-5.30pm Parallel sessions</p>	<p><b>11. Agriculture: adapting for increased climate variability</b> <i>Chair: Peter Hayman</i> <i>Room: P3</i></p> <p>Mind the gaps: assessing the evidence, and impact of adaptation research for New Zealand primary industries <i>Nick Craddock-Henry</i></p> <p>Climate-smart agriculture: perspectives and framings <i>Alvin Chandra</i></p> <p>Gender differences in climate change risk, food security, and adaptation: A study of rural households' reliance on agriculture and natural resources to sustain livelihoods <i>Byela Tibesigwa</i></p> <p>Linkages between environment and food security in the Asanti Akim North Ghana <i>David Anokye Asamoah</i></p> <p>Leaving the farm: exploring the drivers of farm exit over time in the Murray-Darling Basin <i>Sarah Wheeler</i></p> <p>Agricultural Land Suitability Analysis of Metropolitan Peri-Urban areas now and into the future: A Case study of City of Whittlesea, Melbourne, Australia <i>Ana Spataru (ST)</i></p>	<p><b>12. People, perceptions and knowledge to change behaviour</b> <i>Chair: Dorean Erhart</i> <i>Room: M9&amp;10</i></p> <p>Navigating conflict and identity to achieve successful adaptation outcomes: Perspectives from social psychology <i>Rebecca Colvin</i></p> <p>Adapting to a changing natural environment using the Great Barrier Reef as a case study <i>Nadine Marshall</i></p> <p>Creating resilience to risk in the ACT <i>Tim Sides</i></p> <p>Climate aware decision making getting the right information to the right people at the right time <i>Kathleen Beyer</i></p> <p>Climate Resilient Tonga: A case study in capacity building through practical professional development <i>Fabian Sack</i></p> <p>How do smallholder farmers perceive climate variability in Nigeria <i>Adefunke F. O Ayinde</i></p> <p>The power of play: generating social learning impact through</p>	<p><b>13. Leading climate adaptation for Queensland – where are we now?</b> <i>Local Government Association of Queensland</i> <i>Room: M7&amp;8</i> <i>Chair: Catie Dunbar</i></p>	<p><b>14. Tools, knowledge and communication: building support for action</b> <i>Chair: Penny Whetton</i> <i>Room: M1&amp;2</i></p> <p>Which climate projections should I use? The importance of providing guidance material for users in an era of abundant data <i>John Clarke</i></p> <p>Collaborative Climate Change Adaptation: XDI-informing insights through immersive virtual reality <i>Karl Mallon</i></p> <p>Rapid climate adaptation plans for Council projects – the Adaptation Guidance Tool <i>Duncan Blackburn</i></p> <p>City Resilience Assessment Melbourne: Enabling cities to measure their capacity to survive and thrive shocks and stresses <i>Rob Turk</i></p> <p>Popularising Resilient Building <i>Tom Davies</i></p> <p>Adaptation to coastal climate hazards: a framework to evaluate and guide local government's urban planning <i>Oscar T Metcalfe</i></p> <p>Tracking progress on climate change: developing a tool for monitoring and evaluation for local government <i>Susie Moloney</i></p>	<p><b>15. Climate change and human health</b> <i>Chair: Fahim Tonmoy</i> <i>Room: P1&amp;2</i></p> <p>Developing a State Adaptation Plan for the Health and Wellbeing sector in Queensland <i>David Rissik</i></p> <p>The impact of sustained hot weather on risk of acute work-related injury in Melbourne, Australia <i>Judith A McInnes</i></p> <p>Climate change and malaria risk in East Africa: Using structural analysis to rank influencing variables and identify suitable adaptation pathways <i>Esther Onyang</i></p> <p>Heat's influence on everyday behaviour in outdoor public space and implications for health-supportive cities <i>Louise McKenzie</i></p> <p>Climate change vulnerability reduction assessment of health system in four cities, China <i>Yonghong Li</i></p> <p>Hume Heatwave Help - simple home retrofits for vulnerable residents <i>Michelle Bennett</i></p>	<p><b>KIC/ESCC Hub Adaptation bond hackathon/game</b> <i>Room: M5&amp;6</i></p> <p><b>Sponsor: Climate KIC</b> <b>Facilitator: Nick Wood</b></p>
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	<p>The Adaptation Action Plan for Agriculture Pilot <i>Jane Fisher (ST)</i></p> <p>Adaptation Conversations: Creating a climate for change through ag advocacy <i>Verity V Morgan-Schmidt (ST)</i></p> <p>You Reap What You Sow? (Dis-) Incentives for Adaptation to Climate Change <i>Franca Angela Buelow (ST)</i></p> <p>Adaptation response by rural dwellers to climate variability shocks in Ohafia Abia State, Nigeria <i>Geraldine O Ibe (ST)</i></p> <p>Towards understanding climate variability, its effects on rural livelihood, gender and coping strategies in Baringo County, Kenya <i>Lilian Ezenwa (ST)</i></p> <p><i>Role of Planned Adaptation Measures in Reducing Loss and Damages in Western India</i> <i>Chandra Sekhar Dr. Bahinipati (ST)</i></p>	<p>climate adaptation serious games <i>Stephen Flood</i></p> <p>Communicating Risk and Building Resilience in the Face of Climate Change <i>Rob Gravestocks</i></p>		<p>A tool for incorporating climate change projections of changes in flood event rainfall in eWater Source models <i>Phillip Jordan (ST)</i></p>		
5.30-7.00pm	<b>Poster session and drinks</b>					
7.30-10.30pm	<b>Conference dinner</b> (Aerial, South Wharf)					

**Day Three: Thursday 10 May**

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7.30-8.30am	<b>Recovery Breakfast</b> <i>Room:</i>					
8.30 – 10.30am <b>Plenary 4</b>	<b>Disasters and resilience</b> <ul style="list-style-type: none"> <li>• <b>Mark Crossweller</b>, Emergency Management Australia, Attorney Generals</li> <li>• <b>Craig Lapsley</b>, Emergency Management Victoria</li> <li>• <b>Hallie Eakin</b>, Arizona State University</li> <li>• <b>Travis Sydes</b>, FNQ ROC</li> </ul>					
10.30-11.00am	Morning tea					
11.00-12.30pm <b>Parallel sessions</b>	<b>16. Drought and water management</b> <i>Chair: Sarah Wheeler</i> <i>Room: P3</i>  Remembering the future: using the Millennium drought for adaptation planning in South Australian agriculture <i>Peter T Hayman</i>  Sub-alpine irrigated agriculture: adaptation insights for the Upper Murray River basin, Australia <i>Edward Cornwell</i>  Experience at the local scale in the Aconcagua Valley for evaluating adaptation to drought in a changing climate <i>Paulina Aldunce</i>  Adapting to Changing Climate, Environments and Regulations: Hetao Basin, Yellow River, Inner Mongolia <i>Ian White</i>  Testing three different hydrological models under non-stationary climate	<b>17. Climate inspired innovation &amp; entrepreneurship: from challenge to opportunity</b> <i>Chair: Karl Mallon</i> <i>Room: M9&amp;10</i>  Forced innovation: Small business preparedness and response to natural disasters <i>Samantha Sharpe</i>  Transferring advanced soil data analytic techniques to real-world applications to increase the adaptive capacity of farmers in a changing climate <i>Fahim Tonmoy</i>  Adaptive Coastal Defence Works <i>Angus Gordon</i>  The economic and social issues in co- designing climate resilient coastal infrastructure in India: Lessons learned from a south Indian fishing village <i>Thomson Kaleekal</i>	<b>18. Sustainable Development Goals Adaptation options for sustainability</b> <i>Chair: Ana Perez</i> <i>Room: M7&amp;8</i>  State and Benefit: Climate Change Adaptation Reporting in Victoria <i>Scott Rawlings</i>  The role of the decentralized energy system in rural electrification and its potential to achieve sustainable development goals towards low-carbon <i>Preeti Jha</i>  Analysing thresholds in social risk perception to inform adaptation policy: the example of bushfire management <i>Douglas K Bardsley</i>  Embedding ecosystem-based approaches to climate change adaptation and disaster risk reduction in law and policy? Stories from the coast and the floodplain	<b>19. Tools, knowledge and communication: building support for action</b> <i>Chair: Tayanah O'Donnell</i> <i>Room: M1&amp;2</i>  Marae-opoly: A climate change adaption game to enable collective decision-making regarding the location of indigenous Māori meeting spaces in Aotearoa-New Zealand. <i>Paula Burkett</i>  The Learnings Project - What we learnt from the four pilot Local Coastal Hazard Assessments in Victoria <i>Rebecca Price</i>  "Critical Friends" of a New Zealand Coastal Hazard Strategy development: The value-add of researchers <i>Judy Lawrence</i>  Normalising Adaptation: a Theory of Change <i>Rachel Williams</i>	<b>20. Cities and infrastructure: planning for liveability under climate change</b> <i>Chair: Tom Davies</i> <i>Room: P1&amp;2</i>  Facilitating climate change adaptation in the Australian construction industry - Identification of information sources and needs <i>Anna Hurlimann</i>  Beyond compliance building standards for resilient and liveable housing stock in a climate changed future <i>Maisie Auld</i>  Achieving Thermal Resilience of Multi-Residential Buildings During Heat-Wave Power Outages through High-Performance Building Envelope Standards <i>David Ritter</i>  Including climate change adaptation in transport systems management	<b>Climate Change Adaptation - A Mini Hack Event</b> <i>Room: M5&amp;6</i>  <i>Sponsor: Emergency Management Victoria</i>



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	<p>conditions two case studies from southeast Australia <i>Proloy Deb</i></p> <p>Practices in Climate Adaptation to Extreme Droughts in the Mekong Delta <i>Minh Nguyen</i></p> <p>Assessing groundwater responses to climate change in the context of water supply catchment management <i>Tim Anderson (ST)</i></p>	<p>Business and Industry - Breaking Down the Barriers to Climate Adaptation <i>Greg Fisk</i></p> <p>Economics of system transitions in NSW Riverina Murray <i>Brent Jacobs</i></p> <p>Pacific Ocean Forests <i>Rob Steele (ST)</i></p>	<p><i>Anita Foerster</i></p> <p>Planning for climatic uncertainty: implications for mine closure and long term stewardship <i>Stella Whittaker</i></p> <p>Assessment of climate change vulnerability and local adaptation strategies of transhumant communities in the Himalayas <i>Suman Aryal</i></p>	<p>Practical challenges to delivery of application ready climate projections for adaptation to extreme events in Queensland <i>Ramona Dalla Pozza</i></p> <p>Regional organisations and climate change adaptation in SIDS: A research design for applying game theory to strategic interactions <i>Hannah Barrowman (ST)</i></p>	<p><i>Michael AP Taylor</i></p> <p>A design for climate change framework for the Metro Tunnel Project <i>Craig A Clifton</i></p> <p>Where do we stand? A survey of resilient design measures for building envelope and MEP systems <i>Stewart Monti (ST)</i></p> <p>Mitigating future heatwaves with cool roofs, increased vegetation and urban irrigation in Melbourne <i>Stephanie Jacobs (ST)</i></p> <p>Quantifying potential benefits of airport cooling using storm water irrigation: a case study at Adelaide Airport <i>Jingming Qian (ST)</i></p>	
12.30-1.30pm	Lunch					
1.30 - 3.00pm Parallel sessions	<p><b>21. Water management and governance under increased climate variability and change</b> <i>Room: P3</i></p> <p>Banking on the National Water Account to Manage Water Resources under Climate Change <i>Janice Green</i></p> <p>Managing urban water demands: The challenges presented by climate change <i>Phillip Jordan</i></p>	<p><b>22. Adaptation policy and governance</b> <i>Chair: Jo Mummery</i> <i>Room: M9&amp;10</i></p> <p><i>The Warming War: How Climate Change is Creating Threats to International Peace and Security</i> <i>Kirsten Davies</i></p> <p>Incorporating climate change adaptation incentives into bioenergy support policies</p>	<p><b>23. Assessing and managing risk</b> <i>Room: M7&amp;8</i></p> <p>Integrating consideration of climate risk into major infrastructure projects: LXRA Policy in Action <i>Allan Klindworth</i></p> <p>The realities of adaptive flood risk management <i>Craig Clifton</i></p> <p>Building Climate Resilience into Infrastructure Assets <i>Melanie Thomas</i></p>	<p><b>24. Tools, knowledge and communication: building support for action</b> <i>Chair: Anne Leitch</i> <i>Room: M1&amp;2</i></p> <p>Keeping it real(istic): The importance of internally consistent datasets for impact assessment <i>John Clarke</i></p> <p>Local community engagement and knowledge approaches for effective</p>	<p><b>25. Cities and infrastructure: planning for liveability under climate change</b> <i>Chair: Judy Lawrence</i> <i>Room: P1&amp;2</i></p> <p>Building resilience in public infrastructure through collaborative adaptation: XDI Sydney project <i>Karl Mallon</i></p> <p>Asset based modelling for climate adaptive urban plan: the role of local government authority in Australia</p>	<p>(...continues) Climate Change Adaptation - A Mini Hack Event <i>Room: M5&amp;6</i></p> <p><i>Sponsor: Emergency Management Victoria</i></p>

## \*Draft Program

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	<p>Climate Adaptation in the Water Sector: Regional Utilities <i>Michael Thomas</i></p> <p>Lessons learned from the Melbourne water systems strategy <i>David Flower</i></p> <p>Systems analysis reveals complex challenges of climate change on linked towns and irrigation districts connected to Murray Darling Basin <i>Peter Coombes</i></p> <p>Challenges in developing the first Victorian water sector climate change adaptation action plan <i>Jill E Fagan</i></p> <p>Shifting the baseline: planning for Climate Change in the Victorian Water Sector <i>Geoff Steendam (ST)</i></p>	<p><i>Alex Baumber</i></p> <p>A moving target - City of Melbourne responds to change through its adaptation strategy refresh <i>Vicki Barmby</i></p> <p>Climate Change Adaptation in South Australia: Lessons and Approaches <i>Christopher Wright</i></p> <p>Understanding the value of the Adaptation Reporting Power process <i>Tanya Wilkins (ST)</i></p> <p>Externality Types as Criteria for Negotiation of Adaptation Response <i>Jonathon Dobson (ST)</i></p> <p>Integrating Human Security: Towards a More Effective Climate Change Response <i>Naomi Wellington (ST)</i></p>	<p>Cascading climate change impacts: Implications for adaptation across linked socio-economic and ecological systems in New Zealand <i>Paula Blackett</i></p> <p>Disclosing Physical Risks - a new driver for private sector adaptation? <i>Anita Foerster</i></p> <p>Adaptive Asset Management Under Climate Change: A Case Study of Ground Water Asset Management in Shepparton Irrigation Region, SIR <i>Douglas Juma (ST)</i></p>	<p>climate change adaptation in the Philippines <i>Carla Selina Q Baybay</i></p> <p>Implementing Resilience Monitoring and Evaluation in the Real World <i>Rohan Hamden</i></p> <p>Learning by Doing Key ingredients for building resilience to climate change at a Local Level <i>Suzanne Dunford</i></p> <p>The Global Covenant of Mayors for Climate and Energy: committing locally determined contributions to the Paris Agreement <i>Bernie Cotter</i></p> <p>Queensland Climate Resilient Councils (Q CRC) establishing the foundations for effective, ongoing climate change decision-making <i>Dorean Erhart</i></p>	<p><i>Reazul Dr Ahsan</i></p> <p>Coastal disaster resilience and application of smart city framework: current state, challenges and opportunities <i>Fahim Tonmoy</i></p> <p>The city as nature - new visions and logics for creating the bio-cities of the Anthropocene <i>Jason Alexandra</i></p> <p>Growing the ACT as 'treetopia' <i>Catherine Keirnan</i></p> <p>Climate-proofing our cities with green infrastructure <i>Tom Davies (ST)</i></p> <p>Plights, camera, action: climate and managing for change and loss at cultural heritage sites <i>Caitlin Vertigan (ST)</i></p> <p>Green Infrastructure - A vital step to brilliant Australian Cities <i>Victoria Chantra (ST)</i></p>	
3.00-3.15pm	Short break					
3.15-4.30pm <b>Plenary 5</b>	<p><b>What keeps you awake at night?</b> <i>Room: P1&amp;2</i></p> <ul style="list-style-type: none"> <li>• Alistair Hobday, CSIRO</li> <li>• Jon Barnett, University of Melbourne</li> <li>• Karen Hussey, University of Queensland</li> </ul> <p>Voice of Youth Prizes</p>					<p><b>Building a Partnership Network (TBC)</b> <i>Room: M5&amp;6</i></p> <p><i>Sponsor: Emergency Management Victoria</i></p>

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4.30pm	Conference close	
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