



**2016 AUSTRALIAN
COASTAL COUNCILS
CONFERENCE**

Gary Holland Community Centre,
Rockingham, WA
Wednesday 4 to Friday 6 May

Host Council



The Australian Coastal Councils Association Inc. would like to acknowledge the interest and support of the City of Rockingham for the 2016 Australian Coastal Councils Conference.



Changes to the Program

This program will be subject to ongoing change.

Revisions to the conference program will be made regularly and these will be available on the Association website: <http://www.coastalcouncils.org.au>

To receive updates to the program please add your name to our distribution list by emailing info@coastalcouncils.org.au

Invitation



On behalf of both the Australian Coastal Councils Association Inc. and the City of Rockingham I have great pleasure in inviting you to attend the 2016 Australian Coastal Councils Conference to be held in Rockingham from Wednesday 4 to Friday 6 May 2016.

The annual Australian Coastal Councils Conference is a highlight of the year for representatives of Australia's coastal councils, policy makers, researchers and others with a stake in the future of the Australian coast and its communities.

The 2016 conference will focus on some of the most critical issues facing coastal planners and managers.

The program for the event will as always provide an opportunity for coastal councils, researchers and practitioners to share knowledge about current coastal research needs and activities.

The 2016 Conference is going to be the best one to date. I really encourage you to join us and look forward to welcoming you in Rockingham in May 2016.

A handwritten signature in black ink, appearing to read 'Barry Sammels', written in a cursive style.

Barry Sammels

Chair, Australian Coastal Councils Association and Mayor, City of Rockingham

PROGRAM

WEDNESDAY 4 MAY 2016 CONFERENCE DAY ONE

- 08:00 Registration opens. Tea and coffee available.
- 09:00 WELCOME and INTRODUCTION TO THE REGION – Mayor **Barry Sammels**, Chair, Australian Coastal Councils Association Inc. and Mayor of the City of Rockingham (WA)
- 09:10 CURRENT COASTAL ISSUES AND CHALLENGES
A national perspective highlighting practical examples of how to address common coastal issues.
- 10:30 *Morning tea*
- 11:00 KEYNOTE ADDRESS AND DISCUSSION: COASTAL POPULATIONS – A NEW APPROACH TO REGIONAL POPULATION DATA
Presenter - **Lisa Conolly**, Director: Regional, Family and Community Statistics, Australian Bureau of Statistics, will outline a new approach to collection of ongoing and dynamic information on Australia’s regional populations and population flows.
- 11:40 COASTAL RESEARCH FORUM AND DISCUSSION:
Presentations and panel discussion on current Australian coastal research projects
- 12:30 *Lunch*
- 13:30 CONCURRENT SESSIONS/FIELD TOUR A
- 15:00 *Afternoon tea*
- 15.30 CONCURRENT SESSIONS/FIELD TOUR B
- 17:00 CONFERENCE DAY ONE CONCLUDES
- 19:00 WELCOME RECEPTION
- Dress: Smart casual

THURSDAY 5 MAY 2016 - CONFERENCE DAY TWO

- 08:00 Registration opens. Tea and coffee available.
- 09:00 SESSION AND DISCUSSION: STRATEGIES TO MINIMISE SHARK ATTACKS
Current strategies, research findings and emerging technologies
- 10:00 SESSION AND DISCUSSION: INTRODUCING A CLIMATE RISK MANAGEMENT TOOL FOR
COASTAL AUSTRALIA
Presenter - Dr **David Rissik**, Deputy Director, National Climate Change Adaptation Research
Facility.
- 10:30 *Morning tea*
- 11:00 SESSION AND DISCUSSION: ECONOMIC DEVELOPMENT STRATEGIES IN COASTAL REGIONS
Case studies from Australia's coastal communities
- 11:30 COASTAL RESEARCH FORUM AND DISCUSSION:
Presentations and panel discussion on the latest Australian coastal research projects
- 12:30 *Lunch*
- 13:00 CONCURRENT SESSIONS
FIELD TOUR C
- 15:00 *Afternoon tea*
- 15:30 CONCURRENT SESSIONS
FIELD TOUR D
- 17:00 CONFERENCE DAY TWO CONCLUDES
- 19.00 GALA CONFERENCE DINNER including the presentation of the 2016 AUSTRALIAN COASTAL
AWARDS

FRIDAY 6 MAY 2016 - CONFERENCE DAY THREE

08:00	Registration opens. Tea and coffee available.
09:00	KEYNOTE ADDRESS AND DISCUSSION: COASTAL AUSTRALIA - A FEDERAL GOVERNMENT VIEWPOINT Keynote address and discussion with The Hon Greg Hunt MP (invited), Minister for the Environment
9:30	COASTAL ISSUES AND CHALLENGES A national perspective highlighting practical examples of how to address common coastal issues.
10:30	<i>Morning tea</i>
11:00	SESSION AND DISCUSSION: 2016 CAMPAIGN FOR THE COAST Presentation and panel discussion on priority issues to be addressed in the coastal policy agenda for the 2016 Federal election.
12:00	FINAL SESSION AND 2016 CONFERENCE COMMUNIQUÉ Facilitated discussion to consider adoption of the 2016 Conference Communiqué
12:30	<i>Lunch</i>
13:30	CONFERENCE CONCLUDES

NOTE: A bus will depart to transfer delegates and guests to Perth Airport at the conclusion of the conference.

Buses will also collect delegates and guests from Perth Airport on Tuesday 3 May at either 15:15 or 18:00 for transfers to their accommodation in Rockingham.

These services must be booked and paid for in advance.

The cost for a one-way transfer between Perth Airport and Rockingham is \$55.00 (including GST) per person.

Key Dates

Call for papers for presentations at concurrent sessions open – details available on Association website www.coastalcouncils.org.au	Now
Call for nominations for the Australian Coastal Awards open – details available on the Association website www.coastalcouncils.org.au	Now
Payment for Early Bird discounted registration fees for delegates closes	Monday 29 February 2016
Abstract submission closes for concurrent session presentations	Friday 4 March 2016
Notification of acceptance of papers for concurrent sessions	Friday 11 March 2016
Closing date for nominations for the Australian Coastal Awards	Friday 18 March 2016
Closing date for cancellation of registrations	Wednesday 6 April 2016
Notification of finalists for the Australian Coastal Awards	Friday 8 April 2016
Payment of discounted registration fees for concurrent session presenters closes	Friday 15 April 2016
Conference commences	Wednesday 4 May 2016

For more information contact Susan Faulkner by email: info@coastalcouncils.org.au or call her on 0418 254 132 with any queries about the conference.

Accommodation

The Rockingham Visitors Centre can assist with accommodation options for delegates attending the conference as well as activities for partners and extended stay advice. The Centre's operating hours are 9:00am to 5:00pm Monday to Friday and 9:00am to 4:00pm on Saturdays, Sundays and public holidays. It is located inside the Gary Holland Community Centre.

Contact details for the Rockingham Visitors Centre are:

Telephone: 08 9592 3464

Email: enquiry.rtc@westnet.com.au

Website: www.rockinghamvisitorcentre.com.au



The closest accommodation is the newly opened Quest Rockingham, which is located 50m from the conference venue. A block booking is being held for conference delegates.

To book accommodation at the Quest Rockingham, contact Susan Faulkner for online log in details by email to: info@coastalcouncils.org.au.

The Quest Rockingham has both Studio Rooms and One Bedroom Apartments available for conference delegates.

NOTE:

Accommodation at the Quest Rockingham near the conference venue is limited. The block booking for the conference can only be guaranteed until late January. After then rooms will be subject to availability.



Accommodation for delegates is also available at a number of nearby places – contact the Rockingham Visitors Centre (details above) for a range of options on offer.

Registration information

Complete the Registration Form for each delegate on the following page. Scan and email the completed Registration Form for each delegate to: info@coastalcouncils.org.au.

Please advise if you require a Tax Invoice to be issued and/or a Purchase Order to be included. This will include a Credit Card Authorisation Form for payment of total registration fees. Contact Susan Faulkner by email to info@coastalcouncils.org.au or by phone 0418 254 132.

On receipt of payment a Tax Receipt will be issued and sent by email. Confirmation of Registration details will be emailed to delegates and cc'd to any nominated contact person within three weeks of receipt of payment.

Cancellations and Substitutions

Cancellations must be made by email to the Secretariat's email address: info@coastalcouncils.org.au and must be received by COB on Wednesday 6 April 2016 to be eligible to receive a refund of registration fees as well as social function charges however there will be a \$330 administration charge for cancellation.

Substitute delegates will be accepted without charge at all times but must be notified by email to info@coastalcouncils.org.au by 6:00pm on Monday 2 May 2016.

Community, Group and Student Registrations

For any queries or details of the special registration category offered to full time students or to group registrations contact Susan Faulkner on 0418 254 132 or email info@coastalcouncils.org.au.

Payment Methods – EFT, CHEQUE OR CREDIT CARD

EFT:

Account name:	Australian Coastal Councils Association Inc.
Bank:	Commonwealth Neutral Bay
BSB:	062 210
Account number:	10288318
Reference:	Insert either Invoice number or delegate's first and family names
Remittance advice to:	info@coastalcouncils.org.au

CHEQUE:

Payable to:	Australian Coastal Councils Association Inc.
Post to:	Australian Coastal Councils Association Inc. Secretariat PO Box 550, Williamstown, VIC 3016

CREDIT CARD:

Contact Susan Faulkner on 0418 254 132 for a Tax Invoice that includes credit card payment details or request one from her by emailing: info@coastalcouncils.org.au. A credit card processing fee of 1.7% applies.

TAX INVOICE AND CONFERENCE REGISTRATION FORM
Australian Coastal Councils Association Inc

Email: info@coastalcouncils.org.au
 Tel 03 9399 8558 or 0418 254 132 Mail PO Box 550 Williamstown VIC 3016
 ABN 75 137 814 307

2016 AUSTRALIAN COASTAL COUNCILS CONFERENCE DELEGATE REGISTRATION FORM

(NOTE: *compulsory fields)

Title* First name* Family name*
 Position* Organisation*
 Address Town State P/C
 Delegate's email* CC email (if required)
 Tel* Mob*
 Tick the box if you DO NOT want your details be included in the list of delegates

REGISTRATION FEES (incl. GST)	Delegates from ACCA Member LGAs	Others
Early Bird (MUST BE PAID BY Monday 29 February)	\$ 1,155	\$ 1,320
Standard	\$ 1,386	\$ 1,661
One Day WEDNESDAY OR THURSDAY (please circle)	\$ 770	\$ 880
One Day FRIDAY	\$ 495	\$ 660
REGISTRATION TOTAL		<input style="width: 150px; height: 20px;" type="text"/>

SOCIAL PROGRAM

Welcome Reception (Wednesday 4 May) – Delegate/Guest	\$ 55 pp	<input style="width: 100px; height: 15px;" type="text"/>
Gala Conference Dinner (Thursday 5 May) – Delegate/Guest Includes transfers to and from most accommodation	\$ 132 pp	<input style="width: 100px; height: 15px;" type="text"/>
GUEST NAME	<hr/>	
SPECIAL REQUIREMENTS	<hr/>	
SOCIAL PROGRAM TOTAL		<input style="width: 150px; height: 20px;" type="text"/>

BUS TRANSFERS - \$55 per person one way

<input type="checkbox"/>	PERTH AIRPORT – Accommodation – Tuesday 3 May Time TBA	<input style="width: 150px; height: 20px;" type="text"/>
<input type="checkbox"/>	ROCKINGHAM – PERTH AIRPORT - Friday 6 May Time TBA	

NOTE: Additional transfers to Perth Airport may be scheduled for Saturday 7 May depending on demand – please check

AMOUNT PAYABLE – TOTAL (including GST)



56TH
Floodplain
Management Australia
CONFERENCE 17 - 20 May 2016



Rock 'n' Role
*Innovation and Role in
 Flood Risk Management*
**Shoalhaven Entertainment
 Centre, Nowra, NSW**
 Hosted by **Shoalhaven**
 City Council

CONFERENCE PROGRAM

(as at 17th February 2016)

Tuesday 17th May 2016

8.00am – 9.00am **Pre-Conference Flood Workshop Registration**

Session 1	Concurrent Workshops	9.00am – 10.30am
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	Morning Workshop 1: Data Sharing Projects	Morning Workshop 2: Developing a Business Case for Flood Mitigation Works
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10.30am – 11.00am Morning Tea

Session 2	Concurrent Workshops – continued	11.00am – 12.30pm
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	Morning Workshop 1: Data Sharing Projects	Morning Workshop 2: Developing a Business Case for Flood Mitigation Works
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12.30pm – 1.30pm Lunch

Session 3	Concurrent Workshops	1.30pm – 3.00pm
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	Afternoon Workshop 1: Australian Rainfall and Runoff	Afternoon Workshop 2: Floodplain Risk Management 101
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3.00pm – 3.30pm Afternoon Tea

Session 4	Concurrent Workshops – continued	3.30pm – 5.00pm
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	Afternoon Workshop 1: Australian Rainfall and Runoff	Afternoon Workshop 2: Floodplain Risk Management 101
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5.00pm – 7.00pm Conference Welcome Reception
 Trade Display Area, Shoalhaven Entertainment Centre

Day One – Wednesday 18th May 2016

7.30am Registration

Session 1	Plenary	Location: Chair:
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8.30am

Welcome to Country

Welcome from Host Council

Welcome from Floodplain Management Australia

Conference Opening

9.45am – 10.30am Keynote Address

10.30am – 11.00am Morning Tea

Session 2	Concurrent
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	2A: Community Engagement, Consultation & Action	2B: Flood Forecasting & Warning	2C: Identifying Flood Risk, Modelling & Tools
11.00am – 11.25am	A Society-first Approach to Flood Mitigation Neil Dufty , <i>Molino Stewart</i>	Could This Be The Answer? Accurate and Timely Flash Flood Forecasting Adam Berry , <i>Ipswich City Council</i> & Cameron Druery , <i>waterRIDE™</i>	The Evolution of Blockage Policy for Wollongong – 18 Years on from the 1998 Flood Rhys Hardwick Jones , <i>WMAwater</i>
5 minute	Changeover	Changeover	Changeover
11.30am – 11.55am	Planning for Resilient Floodplains Through Bottom-up Approaches: Lessons from Shoalhaven, NSW, Australia Silvia Serrao-Neumann , <i>Griffith University</i>	Bureau's Contribution to Improving the Quality of Flash Flood Warning Information Soori Sooriyakumaran , <i>Bureau of Meteorology</i>	Filling in the Gaps - Victoria's Regional Flood Mapping Program Rebecca Lett , <i>Department of Environment Land Water and Planning</i>
5 minute	Changeover	Changeover	Changeover
12.00pm – 12.25pm	Lessons from the FloodSafe Program- How And Why People Prepare for Floods Frances Taylor , <i>Monash University</i>	Constructing and Operating Melbourne's Flood Integrated Decision Support System David Kirby , <i>BMT WBM</i>	Overland Flow Path Mapping of Toowoomba Blake Boulton , <i>Water Modelling Solutions</i>
12.25pm – 12.28pm	Trade Presentation:	Trade Presentation:	Trade Presentation:

12.30pm – 1.20pm Lunch

Session 3 Field Trips 1.30pm – 3.30pm
Takeaway Afternoon Tea included

Session 4 Concurrent

	4A: Land Use Planning & Legislative Issues	4B: Structural Mitigation Works & Asset Management	4C: 10 Minute Presentations
3.40pm – 4.05pm	Of Doubts and Flooded Drains. The Artistry in Defining an Urban Overland Flowpath Allan Gear , <i>The Hills Shire Council</i>	Life Cycle Based Decision Support Framework for Assessing Sustainability of Structural Flood Mitigation Projects Mohammad Aminur Rahman Shah , <i>Griffith University</i>	3.40pm – 3.50pm Dynamic Coupling of Floodplain Inundation and River Modelling for Sustainable Water Management Dushmanta Dutta , <i>CSIRO Land and Water</i>
5 minute	<i>Changeover</i>	<i>Changeover</i>	3.50pm – 4.00pm Identifying and Visualising Resilience to Flooding Via a Composite Flooding Disaster Resilience Index Tom Perfrement , <i>University of New South Wales</i> 4.00pm – 4.10pm All Shook Up: Encouraging the Sharing of Flood Data in NSW Aaron Grimston , <i>NSW State Emergency Service</i>
4.10pm – 4.35pm	Overland Flowpath Mapping –Technical Considerations and Use Within the Context of Land Use Planning Alister Daly , <i>Water Technology</i>	Field Trials and Testing of Temporary and Demountable Defences in Newcastle Ben Patterson , <i>Royal HaskoningDHV</i>	4.10pm – 4.20pm Converting River Murray Models from Finite Difference to Finite Volume Stephen Suter , <i>DHI Water and Environment</i> 4.20pm – 4.30pm Going from Flood Studies to Highway Design – Challenges Faced and Lessons Learnt Nathan Cheah , <i>Arup</i>
5 minute	<i>Changeover</i>	<i>Changeover</i>	4.30pm – 4.40pm The “Missing Link” in Urban Floodplain Management Tye Schlencker , <i>Schlencker Mapping</i>

<p>4.40pm – 5.05pm</p>	<p>Flood Risk Management in the New Moreton Bay Regional Council Planning Scheme Kate Isles, <i>Moreton Bay Regional Council</i></p>	<p>Addressing Flood Risk for Sydney Light Rail in a Highly Constrained Urban Area Shane Ruscheinsky, <i>Jacobs</i></p>	<p>4.40pm – 4.50pm Climate Shift in Southwest Western Australia: a Floodplain Manager’s Perspective Damon Grace, <i>Department of Water</i></p> <p>4.50pm – 5.00pm Quantifying the Performance of Stormwater Systems Using TUFLOW Chris Ryan, <i>Catchment Simulation Solutions</i></p>
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5.05pm

Close of Day One*

7.00pm

Casual Dinner at Nowra School of Arts
“Sponsored by WMAwater”

Day Two – Thursday 19th May 2016

8.15am Registration (for 1 day attendees)

Session 5 Plenary

9.00am Welcome to Day 2

9.05am Address from Sponsor

9.10am – 9.55am Keynote Address

Session 6 Concurrent 10.00am – 10.55am

	6A: Community Engagement, Consultation and Action	6B: Flood Resilient Urban Design and Building Design	6C: State and National Solutions and Coordination
10.00am – 10.25am	From Conflict To Collaboration: Sea Level Rise Adaptation Planning With The Marks Point And Belmont South Communities Stuart Waters , <i>Twyfords</i>	Floodplain Management Innovation to Facilitate City Growth Paul Hackney , <i>Parramatta City Council</i>	The Total Flood Warning System Assessment Tool Michael Cawood , <i>Michael Cawood & Associates</i>
5 minute	<i>Changeover</i>	<i>Changeover</i>	<i>Changeover</i>
10.30am – 10.55am	How and Why We Need to Measure Community Resilience to Flood, Bushfire and Cyclone Disasters Deanne Bird , <i>Risk Frontiers</i>	A Planning Decision Support Tool for Assessment and 3D Visualisation of Flood Risk to Buildings Sam Amirebrahimi , <i>The University of Melbourne</i>	Supporting Land Use Planning by Providing Improved Information from the Floodplain Management Process Duncan McLuckie , <i>NFRAG</i>

10.55am – 11.25am Morning Tea

Session 7 Concurrent 11.25am – 12.55pm

	7A: Structural Mitigation Works and Asset Management	7B: Flood Forecasting and Warning	7C: Identifying Flood Risk, Modelling and Tools
11.25am – 11.50am	Managing Flood Risk from the Hutt River, Wellington, New Zealand and How This Management Approach Impacts Insurance Cover Sharyn Westlake , <i>Greater Wellington Regional Council</i> & Daniel Manolache , <i>FM Global</i>	The Reality of Flood Forecasting in South Australia – Maximising Forecast Response Time Christopher Wright , <i>University of South Australia</i>	The Lockyer Valley - 4 Years and 2 Design Events Later - a Review of Implemented Flood Risk Management Responses Quentin Underwood , <i>Lockyer Valley Regional Council</i>
5 minute	<i>Changeover</i>	<i>Changeover</i>	<i>Changeover</i>

	7A continued	7B continued	7C continued
11.55am – 12.20pm	Selecting the Appropriate Design Flood Event Erin Askew , <i>WMAwater</i>	Introducing the Bureau's New Hydrological Forecasting System Justin Robinson , <i>Bureau of Meteorology</i>	One Size Does Not Fit All – a Case Study of Flood Risk Described but Unabated Ailsa Schofield , <i>Shoalhaven City Council</i>
5 minute	Changeover	Changeover	Changeover
12.25pm – 12.50pm	Looking for the Snake in the Grass: Lessons Learnt from Levee Visual Audits on the Lower Shoalhaven River Paul Hart , <i>Royal HaskoningDHV</i>	Flood Risk Self-assessment - Development of Simple Rainfall-based Triggers for Residents in Flash Flood Catchments Julia Roso , <i>Just Roso</i>	The Capabilities of Professional Judgment Versus Modelling in the Analysis of Floods and Flooding Greg McMahon , <i>G M McMahon Consultants</i>
12.50pm – 12.53pm	Trade Presentation:	Trade Presentation:	Trade Presentation:

12.55pm – 1.55pm Lunch

Session 8

Concurrent

1.55pm – 3.25pm

	8A: Environment, Climate Change, Sea Level Rise	8B:	8C: 10 Minute Presentations
1.55pm – 2.20pm		Queensland: Driving Reform and Continuous Improvement in Floodplain Management Michael Shapland , <i>The Office of the Inspector-General Emergency Management</i>	1.55pm – 2.05pm From Study to Study - Lessons Learnt from Implementation Nathan Evans , <i>Newcastle City Council</i> 2.05pm – 2.15pm Interactive Flood Hazard Information Visualisa – Data Anytime Anywhere Andy Wohlsperger , <i>AECOM</i> 2.15pm – 2.25pm Real Time Flood Forecasting of the August 2015 Floods in the St Georges Basin and Shoalhaven River Using HyFS Shangyou Zhang , <i>Bureau of Meteorology</i>
5 minute	Changeover	Changeover	

<p>2.25pm – 2.50pm</p>	<p>City Links Climate Adaptation Partnership Between the City of Gold Coast and the City of Semarang (Indonesia) Hamid Mirfenderesk, <i>City of Gold Coast</i></p>	<p>2.25pm – 3.25pm “Councillors Choice”</p>	<p>2.25pm – 2.35pm Use of High Speed Flood Models for Flood Forecasting and Flood Intelligence Ben Caddis, <i>BMT WBM</i></p>
<p>5 minute</p>	<p>Changeover</p>		<p>2.35pm – 2.45pm Barriers in Achieving a Holistic Approach to Climate Change Adaptation: A Case Study on Risk Perceptions in the Hawkesbury-Nepean Region Shafaq Masud, <i>UNSW</i></p>
<p>2.55pm – 3.20pm</p>	<p>Floodplain Restoration in a Changing Climate Will Glamore, <i>UNSW</i></p>		<p>2.45pm – 2.55pm A Planner in a Flooding World: Collaborating, Navigating and Delivering Land Use Planning Outcomes for Flood Management Jessie Keating, <i>City of Ballarat</i></p>
<p>Trade Presentation:</p>	<p>Trade Presentation:</p>		<p>2.55pm – 3.05pm Managing Flood Risk to Future Development by Appropriate Forward Planning in Transport Infrastructure in the Upper South Creek Catchment, Camden Maria Pinto, <i>Camden Council</i></p> <p>3.05pm – 3.15pm Levee Management Guidelines in Victoria Viktor Brenners, <i>Department of Environment, Land, Water and Planning</i></p> <p>Trade Presentation:</p>

3.25pm – 3.55pm Afternoon Tea

Session 9 FMA Annual General Meeting 3.55pm – 5.30pm
“All FMA Members please attend”

	9A: FMA Annual General Meeting	9B: HEC-RAS 5.0 2D Modeling Workshop
3.55pm – 5.30pm		

5.30pm

Close of Day Two*

7.00pm

Conference Dinner, Shoalhaven Entertainment Centre
“Sponsored by NSW State Emergency Service”

Day Three – Friday 20th May 2016

8.30am Registration (for 1 day attendees)

Session 10 Plenary

9.00am Welcome to Day 3

Sponsor Address

9.10am – 9.55am Keynote Speaker

Session 11 Concurrent

	11A: Disaster Planning and Emergency Response	11B: Land Use Planning and Legislative Issues	11C: Flood Resilient Urban Design and Building Design
10.00am – 10.25am	10, 100 or 10000, Who Knows? Extreme Temporal Patterns and Implications for Floodplain and Emergency Management James Stuart , <i>SunWater</i>	Using Insurance Claims and Hazard Data to Investigate Alternatives to Traditional Frequency-based Planning Controls Andrew Dyer , <i>Insurance Australia Group</i>	An Approach Towards Changing Development Controls for Flood Prone Areas to Enable Aspirations for Future Development and Growth; Ballina Shire Council Jacqui Bonnitcha , <i>Edge Environment</i>
5 minute	Changeover	Changeover	Changeover
10.30am – 10.55am	Comparing Emergency Management Outcomes from 4 Floodplain Risk Management Studies in the Shoalhaven LGA Luke Evans , <i>Cardno</i>	Reports to Reality: Implementing Innovation Will Kershaw , <i>Harden Shire Council</i>	Urban Drainage Design - Detention Basins and Dam Safety Requirements Bronson McPherson , <i>NSW Public Works - Manly Hydraulics Laboratory</i>
10.55am – 11.00am	Trade Presentation:	Trade Presentation:	Trade Presentation

11.00am – 11.30am Morning Tea

Session 12 Concurrent

	12A: Identifying Flood Risk, Modelling and Tools	12B: Disaster Planning and Emergency Response	12C: Identifying Flood Risk, Modelling and Tools
11.30am – 11.55am	Dam Breach Analysis with HEC-RAS 5.0 2D - Improvements to Accuracy, Hazard Data Outputs and Efficiency, Case Examples Mark Forest, HDR Engineering	Practical Consideration of Emergency Response Classification of Communities Angela Toniato, NSW OEH	Uncertainty Theme - Flooding Class Actions and Inquiries - How Certain is Accepted Modelling and Mapping Currently in Place? Neil Collins, BMT WBM
<i>5 minute</i>	<i>Changeover</i>	<i>Changeover</i>	<i>Changeover</i>
12.00pm – 12.25pm	A Design Variable Method for Estimating Flood Risk in Australian Coastal Catchments Seth Westra, University of Adelaide	SMART Infrastructure Facility, University of Wollongong Robert Ogie, University of Wollongong	The Value of Immediate Post – Flood Event Data Capture: Illawarra August 2015 Flood Event Paul Hart, Royal HaskoningDHV
<i>5 minute</i>	<i>Changeover</i>	<i>Changeover</i>	<i>Changeover</i>
12.30pm – 12.55pm	Challenges of Interpreting Flood Flow Estimate- A Case Study at Horsham (Walmer) Gauge in Wimmera River Abdul Aziz, Wimmera Catchment Management Authority	An Analysis of Human Fatalities from Flood Hazards in Australia 1900-2014 Andrew Gissing, Risk Frontiers	Floodplain Management: The Challenges Facing Council In An Ever Changing World Richard Dewar, WMAwater Pty Ltd

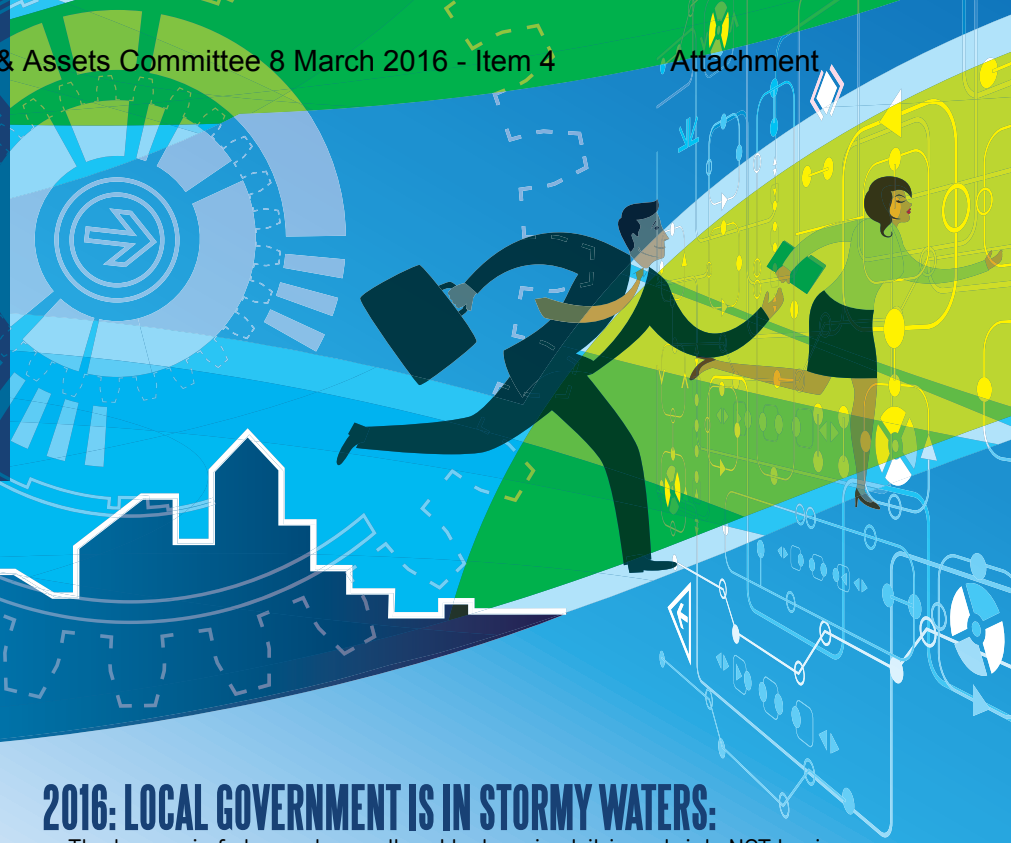
Session 13 Plenary

1.00pm Closing Ceremony

1.30pm Lunch

****Close of Conference****

2016 FUTURE OF LOCAL GOVERNMENT NATIONAL SUMMIT



**TUESDAY MAY 17 AND
WEDNESDAY MAY 18, 2016**

Rydges Melbourne,
186 Exhibition Street

DESTINATION 2025:
The advent of the Network society
has transformed Government

Quote: 'Success goes to those
who get to the future first'
(Gary Hamel)

Question: Is Local Government
a Future-taker or a Future-maker?

'Local Government should be the
most powerful lobby group in
Australia' (Graham Richardson)

Who should attend? Anyone with an
interest in the future of Local
Government.

2016: LOCAL GOVERNMENT IS IN STORMY WATERS:

- The tsunami of change has well and truly arrived: it is certainly NOT business as usual
- Rate & grant capping and amalgamations are raining down upon Councils
- LG is still the soft target: ongoing image problems
- The Federation is unstable, lacking co-ordination, inequitable and probably not sustainable. It is certainly not citizen-centric and the Federal Government is facing 'decades of deficits'
- Digital is disrupting: citizens want it 'now' and are demanding to be involved in decision-making as democratisation of knowledge and access occurs. People-powered public services are emerging.

QUESTION: Can local government innovate and collaborate its way out of funding cuts? (deliver better with less?)

THE BIGGER QUESTION: can local government grasp the opportunity to play a leadership role in transforming government? Or will it continue to play in the sandpit and dance to the tune of others?

- Localism is booming: people want to be involved in decision-making on individual local issues. Bringing people back into decision-making has the potential to shift the balance of democratic power from national to local
- In the next decade new digital technologies will reshape the way government delivers services but most government organisations lack the strategy to achieve digital transformation
- Issues of devolution and subsidiarity (assigning powers and responsibilities to the lowest level of government possible) are coming into prominence globally
- Will the role of LG evolve into facilitating community decision-making. Most LG is flying on one wing: servicing needy citizens. But what about the other wing: building stronger communities?

THERE MUST BE A BETTER WAY!

The new game plan needs to be agreed but could include:

- Rewiring public services via principles of devolution, subsidiarity and localism
- Identity things done best at national, state, regional and local levels
- Flexible, place-based funding arrangements that deliver on local priorities
- Developing a LG transformation strategy to slash transaction costs, build non-rate revenue and renegotiate its relationship with the community

The 2016 Summit features an amazing array of Australian and international speakers providing thought leadership for those who want to design a better future for local government! Be a Future-maker.



The Summit is excitedly convened by the
Municipal Association of Victoria for
Councils nationally



DAY 1: TUESDAY, MAY 17

9.05AM WELCOME BY MAV PRESIDENT, CR BILL MCARTHUR

9.10AM SUMMIT CONTEXT (MAV)

9.30AM 'Designing Better Futures', Mike McAllum, Founder, Global Foresight Network

The coming decade will usher in a number of profound changes. None of us will be immune. The question we must ask ourselves is what is the story we want to create through such transformation? Local Government has a history of reacting to change rather than embracing change. Is there any collaborative will to change the status quo? Michael McAllum is an internationally recognized speaker, author and facilitator / consultant. He works predominantly with organisations and cities/regions to develop strategies, innovative thinking and new business models that make them resilient in a fast changing world. Michael is a member of the Oxford Forum for the Future. He is also a member of an exclusive international speakers bureau Future Voices and was one of only nine global expert commentators in the recently released British Government report; The shape of jobs to come. Michael is well recognized globally for his writings on 21st century design and strategy.

10.10AM 'Reform of The Federation: what do the people want?', Professor AJ Brown, Centre for Governance and Public Policy, Griffith University

The Australian Federation is said to be in a state of crisis and reform is likely to occur sooner rather than later. But what reform is likely to occur? What are the implications for local government? What could local government be hoping to achieve from such a process? A J Brown has worked or consulted in all branches and at all levels of government in Australia. His research has had a major impact on the design of political culture and practice of Australian federal reform. He is an active member of the Centre's Federalism, Regionalism and Devolution research program. In 2008, he was a delegate to the Australia 2020 Summit. In 2011, he was a member of the Commonwealth Expert Panel on Constitutional Recognition of Local Government. His biography, Michael Kirby: Paradoxes & Principles, published the same year, was a finalist for the Walkley Book Award, National Biography Award and Prime Minister's Literary Award. In 2012, he was made a Fellow of the Australian Academy of Law.

10.50AM MORNING TEA NETWORKING

11.15AM 'Sharing the Altered State: Rebooting Democracy in an Age of Dislocation', Cormac Russell, Managing Director of Nurture Development and a faculty member of the Asset Based Community Development (ABCD) Institute at Northwestern University, Chicago.

Central Message: A New Map

- The central problem for most Local Governments is that they are re-negotiating the journey of change while relying on a map that has made all the wrong assumptions about the terrain. In this keynote I will make the case for facing into this challenging change agenda by first changing the map through which we see society.
- Key messages will include:
 - If government replaces the work of citizens and their associations, it will not have created a good society.
 - Leave the credit to local citizens and their associations and enterprises.
 - Don't replace local associations and institutions with systems, institutions, centres or agencies.

Key reflections

- We desperately need to re-imagine Local Government into a brave new world, where Public Service is an honour, and keeping people out of our services is the goal. Not so that we can save money for our systems, but so that we can save people from our system. People want a life not a service, let's shift the focus from 'what's the matter with people?' to 'what matters to people?'
- Why in the past has so much money intended to end poverty not gone to poor people in income, but instead has largely gone to middle class people to pay their salaries so that they could perform therapy on the poor? Where does Universal Citizen Income fit into this reform conversation?
- Inside every public servant is a citizen waiting to be liberated. What does the anatomy of the 21st Century Public Servant look like? In large part they will operate to the belief that citizens are the best inventors of a better future and our job is to be in support of and service of that invention.
- The solution to the challenges ahead is to make the shift from Government Centric Democracy to Citizen Centered Democracy

Reflections on changing face of Local Government in the UK & Europe

Local Government in an age of Austerity: Referencing examples from the UK, including Leeds City Council, Aberdeen City Council, East Ayrshire, Local Governments from Denmark and Ireland, I will show how they are: 'Doing More with More; not More with Less.'

Cormac has trained communities, agencies, NGOs and governments in ABCD and other strength-based approaches in Kenya, Southern Sudan, South Africa, the UK, Ireland, Canada and Australia.

Also: The Australian ABCD Learning Sites Program will be discussed.



12.10PM 'Can Kiwis get more value from local government?', Helen Mexted, Director Advocacy, Local Government New Zealand (LGNZ).

Local Government in New Zealand has been 'clearing the decks' for more efficient service delivery via shared services and other collaborative activities. Legal and other obstacles have been removed and there has been a significant increase in activity. In addition, the sector has moved from reacting to National Government policy positions to being pro-active about identifying what local councils are planning to achieve in the future, and to become more community-driven in the process. Helen has significant experience in leading teams, working alongside Executive, CEOs and Boards on delivery of strategic plans and assisting organisational development and change.

12.45PM LUNCH NETWORKING

1.35PM 'Devolution, public service reform and local economic growth', Barry Quirk, Chief Executive of Lewisham Council, UK. (virtual presentation)

Barry Quirk CBE is co-chair of the UK Design Commission. He is a leading local government chief executive nationally, involved in the improvement of public services across London and the UK. From 2004 to 2009 Barry was appointed by Government to be the National Efficiency Champion for English local government. In 2007 he produced a landmark report for Government on the potential transfer of public assets to community groups. According to Quirk's 2011 book, Re-imagining government: public leadership in challenging times, there are three key purposes of government: the necessity of solving community problems, securing welfare and having the legitimacy to determine common good. He argues that this legitimacy comes from discussion between leaders and communities, based on five core ethical principles: treating people according to their own wants and intentions, letting them choose for themselves, empathising with them, helping them if it is possible to do so without wasting that effort, and encouraging them to help each other through reciprocal arrangements.

2PM 'Local Government reform: past, present and future', Graeme Sansom, Adjunct Professor at the University of Technology, Sydney.

Few people can match the experience Graham has had in local government. Until recently he was Director of the Australian Centre of Excellence for Local Government. From 1994-98 he was CEO of the Australian Local Government Association. Graham has also had many years experience in local and State Government, having held senior positions with local Councils, a regional organisation of Councils, and State agencies in New South Wales and Western Australia. From 2009-11 Graham served on the steering committee of the Australian Council of Local Government, and in 2011 he was a member of the Commonwealth's Expert Panel on constitutional recognition of local government. Graham also has extensive international experience. Until last year he was a board member of the Commonwealth Local Government Forum, and edited the Commonwealth Journal of Local Governance. He has undertaken a wide range of local government development projects in Asia, South Africa and the Pacific.

2.40PM 'Transforming Public Services', Leisa Reichelt, Head of Service Design and User Research, Australian Digital Transformation Office.

The Digital Transformation Office (DTO) was established as an executive agency in July 2015 and is part of the Prime Minister's portfolio. Its mission is to lead the transformation of government services to deliver a better experience for Australians. In any given month, one in eight Australians aged 14 and over will look up government information and services online, totalling around 324 million transactions a year. Of these people, more than half will experience a problem. When people can find the information and services they need online, they have a better service experience, with less impact on their time and lower cost to government. Just as importantly, people shouldn't need to understand how government is structured - and exactly which departments are responsible for each (part of a) service - in order to get the job done. We're working closely with individuals, businesses and industries as well as with all tiers of government. We're identifying where improvements are most urgently needed, and demonstrating how to radically re-design those services from the ground up. Leisa previously worked with the UK Government at the Government Digital Service (GOV.UK).

3.10PM AFTERNOON TEA NETWORKING

3.35PM 'So, where to now? There must be a better way', Panel discussion (all speakers to date)

4.20PM 'Time for a game-changer in Local Authority leadership: adaptive leadership in complexity and change', Liz Skelton, Director, Collaboration for Impact

Traditional thinking and practice on leadership is no longer sufficient for the challenges we face. The role of government at all levels is changing as we grapple with complex challenges in times of uncertainty and change. Local government has the opportunity to build an adaptive practice of understanding and responding to their leadership challenges. This approach requires engagement of all stakeholders in communities to work together to solve their own problems and local government taking up a different role in leading communities. This presentation will provide an overview of adaptive leadership and its applicability as the way forward for local government. Committed to achieving social change for a better world, Liz Skelton is renowned in Australia for her expertise as a leader, consultant, author and facilitator of leadership for social and adaptive change.

5PM INFORMAL NETWORKING FUNCTION

6PM CLOSE

DAY 2: WEDNESDAY, MAY 18

- 9AM** **'The UK local government journey: where to now?'**, Gary Porter, Chairman, UK Local Government Association.
Gary Porter (now Lord Porter of Spalding) has been Chairmen of the UK Local Government Association since 2015. He has been a Councillor since 2001 and has been a champion of more efficient local government but now states that further cuts will push Councils to the edge of collapse. Gary will discuss the progress being made with the LGA's devolution campaign and next steps for the sector nationally.
- 9.25am** **'Of the People' – the Growing Opportunity for Local Government**, Iain Walker, Executive Director, The newDemocracy Foundation
- (Agency to be announced Feb 15th) have announced the most comprehensive sharing of decision making with the community in Australian history. Why? And what lessons are applicable for local government?
 - How to stop having a 'wishlist' conversation with your community: be open about trade-offs instead.
 - The national appetite for democratic innovation is growing exponentially: what is the first step?
- The newDemocracy Foundation is an independent, non-partisan research organisation aiming to identify improvements to our democratic process. It is advocating a better way to do democracy and has been involved in a number of innovative processes in recent years including participatory budgeting.
- 10am** **The image of local government: what can be done to build trust?'**, Iain Twine, CEO, South East Asia & Australasia, Edelman
- Edelman is the world's largest PR/communications company but Iain Twine started his career in Queensland local government, building roads, collecting rates, and picking up rubbish. He worked as a taxation and policy analyst in Brisbane, and was also deputy CEO of Tambo Shire Council in Queensland. He then worked as a lobbyist in London and Brussels and then joined Edelman in the UK, set up its business in the Middle East and Africa from scratch to over 150 people today, and now he oversees Edelman's 6 offices and over 500 people across South East Asia & Australia. In a recent interview in 'PR Week, Global Power book', Iain was asked a number of questions including:
- Which business/brand (other than your employer) do you most admire?** Any local council in the world: they make stuff happen.
- If you weren't in PR what would you do for a living?** I would want to run a large city council or own a rundown loss-making golf driving range, à-la 'Tin Cup'.
- Iain also spoke at the inaugural Future of Local Government event in 2005, representing the UK Local Government Association.
- 10.30AM** **Image: table discussion**
- 10.45AM** **MORNING TEA**
- 11.10AM** **'Decision-making by Councils in a financially constrained environment'**, Justine Linley, CEO, Northern Grampians Shire Council.
- Victorian Councils are experiencing unprecedented financial pressures with the introduction of rate capping and the 'freezing' of Federal funding. The new environment is definitely not business as usual for most Councils and a range of responses are being planned to ensure ongoing financial sustainability. Justine has held senior roles in higher education and local government, starting her career in local government with the City of Melbourne. Prior to commencing with Northern Grampians Shire Council, Justine was the Regional Director for the Grampians Region, Regional Development Victoria, working with 11 councils, businesses and organisations from Bacchus Marsh to the South Australian border. Justine has also been Treasurer of the Economic Development Association of Victoria.

DAY 2: WEDNESDAY, MAY 18 CONT.

11.35AM 'Australia's first digital Council', Vicki Millen, Organisation Development Advisor, Cardinia Shire Council.

Cardinia Shire has taken the opportunity to review its way of working as part of the move to new civic offices. The platform for the change has been to embrace an activity-based working model which will improve business processes, organisational culture and result in better and more responsive service delivery. Cardinia is the first Council to adopt activity based working to transform the business where all staff collaborate on projects in shared spaces rather than at pre-assigned desks. This has transformed the Council from being totally dependent on paper into an office with a fully mobile, paper-independent office where staff work independent of time and place. The project has already won several awards and has attracted significant interest from the sector. Vicki will provide an update on the Cardinia revolution.

11.55AM 'Time to remodel councils' links with communities: anyone interested?', David Hammond, CEO, Thames-Coromandel District Council, NZ.

Are councils willing or able to change the governance relationships they have with their communities? David Hammond looks at models to respond to increasing demands to devolve power to local citizens.

The key in responding to demands for power-sharing and more local control over matters affecting local people is to understand the drivers of change and exercise a willingness to explore change. This involves a spectrum ranging from enhanced citizen engagement to a fundamental realignment of the structure of power in the council. There is no one model that fits all local authorities. Michael Bassett rightly observed back in 2008 that councils have treated community boards "as little more than an irritating add-on to the body politic". Coromandel has shown that this is no longer either necessarily fair nor accurate. If a council desires to explore a devolved model to community boards there is a successful recipe. Boards need to be welcomed as an integrated part of a council's elected leadership team without barriers, resourced effectively, and given delegations for local decision-making and funding of local affairs. For their part of the deal, community boards need to act up to the responsibilities given. They need to commit to cost efficiency, focus on the local and stop bitching about their councils. That way, we will all be responsible partners sharing a unified team approach.

12.30PM Level of interest from Australian Councils in exploring Community Boards as a means of growing community empowerment. Table discussion**12.45PM LUNCH****1.30PM 'Hunter Councils: fit for purpose?', Roger Stephan, CEO, The Hunter Joint Organisation.**

The eleven Hunter Councils, representing over 700,000 people, are the acknowledged leaders in local government resource sharing. The consortium has a very positive history of delivering improved outcomes for its Councils and communities and has embarked on a number of successful commercial ventures to meet the needs of private and public sector stakeholders outside its boundaries. Roger will examine the implications for Hunter Councils of the current amalgamations and the advent of digital government.

2PM Leading change in a high performance Council', Phil Wilson, Director of Governance, Auckland Council, NZ.

Phil will share with us the challenges and successes of transformation at Auckland Council, one of the largest integration projects in New Zealand. Defining high performance, having clear definition of the vision, goals and targets – and then measurement of results against these, was the first significant step in this journey.

- What has Auckland Council achieved?
- What do they see on the horizon?
- How are they going to think differently to tackle the challenges and shift behavior?

Phil has led the Mayor's office since 2010 through the formative stages of the new Auckland Council since amalgamation.

2.30PM 'Local Government in Australia: where are we going?', Mayor Troy Pickard, President, Australian Local Government Association (ALGA)

Troy Pickard has been involved in Local Government since 2001, making significant contributions in two of WA's largest Local Government Authorities - the City of Stirling, as a Councillor and Deputy Mayor, and then the City of Joondalup where he was first elected to the Office of Mayor in 2006 and then re-elected as Mayor in 2009 and 2013. Mayor Pickard was elected President of the Australian Local Government Association in November 2014, having served as a Vice President of ALGA since November 2010 and as a board member since October 2007, and is a formal member of the Council of Australian Governments (COAG). Mayor Pickard served on the international organisation ICLEI - Local Governments for Sustainability Global Executive Board from 2012 to 2015, holding the global portfolio of biodiversity and ecosystems as well as Chairman of the International BiodiverCities Advisory Committee.

3PM 'The Lismore Community Solar Farms', Adam Blakester, Executive Director, Community Entrepreneur.

The Lismore Community Solarfarm is focussed on rural and regional sustainability. Community energy projects such as Lismore sit within this broader purpose too, aiming to impact on levels of local self-sustainability for energy, finance, governance and leadership. Some of this work clearly overlaps with the reinvention of the role of local government within a broader sphere of local governance, and the dynamic global changes that are 'disrupting democracy' as we have known it.

3.30PM 'Tackling climate change in a practical way', Paul Murfitt, CEO, Moreland Energy Foundation Ltd.

The Moreland Energy Foundation Ltd, or MEFL, is an independent not-for-profit organisation based in the municipality of Moreland in Melbourne's inner north. MEFL is dedicated to tackling climate change. MEFL is a social enterprise providing practical advice and great deals on sustainable energy for households, businesses and organisations. In addition, MEFL has a skilled and experienced multi-disciplinary team including community engagement specialists, policy and strategy experts, building design, planning specialists and engineers. Paul will describe the achievements to date and future directions.

4PM Next steps? How can we move this forward?**4.10PM CLOSE****CONFERENCE COST**

\$583 (no single day registrations available)

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NOTE

Program subject to change. Updates on the MAV web site.