



The Sustainable Engineering Society



...engineering in harmony with ecology

Presents:

Tuesday 17 March 2015

Time: 5:30pm for 6:00pm start

Venue:

Hawken Auditorium, Engineering House
447 Upper Edward St, Brisbane

Cost:

Members	\$15
Non Members	\$45
Students	\$15

Please register to assist catering

Booking online is recommended.

Only credit card payments can be accepted at the door.

Speakers:

Dr Philip Haines, Operations Director Water and Environment, BMT WBM

Philip is an Executive Director of BMT WBM with 25 years consulting experience in Australia and the Pacific. Philip specialises in natural hazards and risk management (coastal, estuarine, floodplain and climate change risks) as well as environmental impact assessments, environmental restoration and strategic adaptive planning. Philip has helped pioneer new approaches to the identification and management of coastal zone hazards using ISO31000 Risk Assessment Framework.

Shannon McGuire – Principal Planner, Buckley Vann Town Planning Consultants

Shannon is the NRM Business Leader at Buckley Vann. Over the last 20 years, she has worked in local government, State Government and private consultancy and has a background in environmental science and urban and regional planning. Shannon has a passion for NRM and natural hazards and 'bridging the gap' between the science, the community and planning to prepare well crafted statutory provisions and achieving good planning outcomes and legacies for communities and our environment.

Climate change adaptation planning

A Solomon Islands case study

Climate change impacts, particularly sea level rise and increased risk and vulnerability to coastal hazards, is now an urgent issue for many low lying communities across the Pacific region. For some communities, complete relocation is the only viable risk mitigation option. The project ***Climate Change Adaptation Plan for Choiseul Bay Township, Solomon Islands***, is an inspiring example of a community with a bold vision to relocate their existing provincial capital from the current location on Taro Island, to safer ground on the adjacent mainland island of Choiseul.

Working in collaboration with the Australian Government's Pacific-Australia Climate Change Science and Adaptation Planning (PACCSAP) programme, a team of coastal engineers, environmental scientists and planners have assisted the Solomon Island's Government and the Choiseul Provincial Government to prepare an integrated climate change risk and adaptation plan to build a more climate resilient township in Choiseul Bay. The project team, led by BMT WBM, assessed how climate change impacts may affect Taro Island and the new township site now and in the future. A Climate Change Adaptation Plan was prepared, the centrepiece of which is the relocation of the provincial capital from Taro Island to the adjacent mainland.

The Climate Change Adaptation Plan maps out a path for managing the risks of natural hazards through specific actions addressing risks to existing development and communities, supported by a vision, a strategic plan and a planning scheme to guide future development of the new provincial capital and to manage transitional uses on Taro Island in the interim period.

This seminar will provide an overview of this multi-award winning project. The presentation will identify the critical success factors to support effective climate change adaptation planning. This includes the need to integrate science and technical outputs of risk and vulnerability assessments into responsive planning outcomes, communicating complex messages of science and risk to the community in a simple way, and engendering community ownership to ensure successful future support and implementation.

The seminar will be followed by discussion where comments and questions from attendees will be welcomed.

Drinks and Networking

Please join us for a few drinks and light supper after the presentation.

The presentation will count as one hour towards your EA CPD.



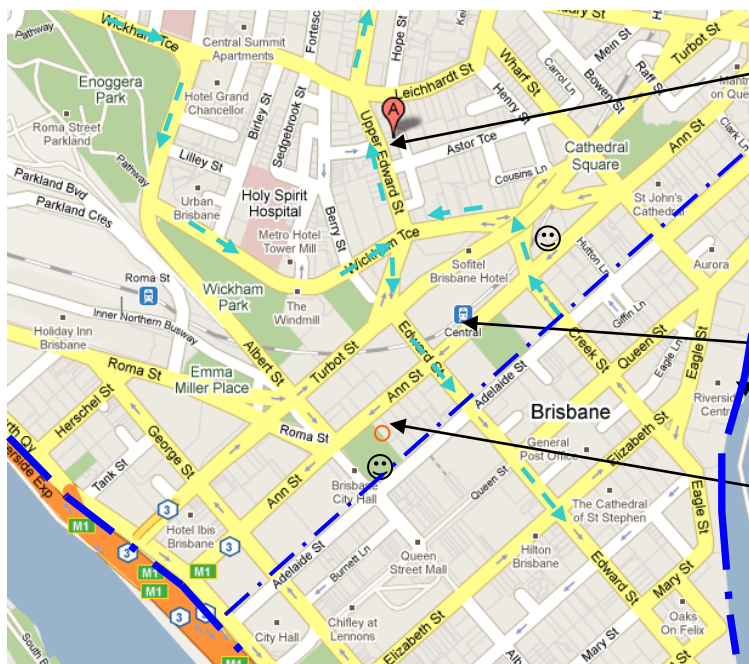
Drinks and Networking

Please join us for a few drinks and light supper after the presentation.

- For catering purposes **please register by 5pm on Thursday 12 March 2015.**
- Register on-line at the [QLD Division Events Website](http://www.qld.gov.au/division/events)
- Please telephone Qld Division for any registration queries (07) 3832 3749

The presentation will count as one hour towards your EA CPD.

SENG encourages you to travel by public transport.



Engineering House

447 Upper Edward St

Spring Hill Loop bus
every 10 minutes until 6pm

Pedestrian - Cycle
way

Central Train Station

Citycat

Transport
Information Centre

CityCycle station

For more information go to <http://www.translink.com.au/> or visit the **Transport Information Centre** at King George Square station, Ann Street Concourse.

Join SENG to take advantage of the lower registration costs.

Annual membership costs to join the SENG are provided below (as of July 2014):

Engineers Australia Members (incl GST)

General - \$111.65

Retired - \$63.80

Student (without Journal) - FREE

Non Engineers Australia Members (incl GST)

General - \$133.65

Retired - \$74.80

Student (with Journal) - \$27.50

For more information about SENG membership, visit the SENG website at:

<http://seng.org.au/membership>

Visit the Engineers Australia Qld website at: <http://qld.engineersaustralia.org.au/>

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