

Coastal Hazard Management 2016

Coastal communities in Australia and the Asia Pacific Region are frequently challenged by hazards such as cyclones and storm surges and by long-term dynamics of shorelines responding to climatic forces. As a result, erosion and storm tide inundation threaten coastal settlements and infrastructure. Climate variability and change, including sea level rise trends, possible changes in weather patterns, will likely add additional pressure on coastal communities. The burden of the responsibility over managing these risks resides on local governments, following State advice and requirements, which may differ from State and Territories or national jurisdictions at a larger scale. After two successful editions in 2013 and 2014, and in the context of a renewed interest from Government in coastal hazard management, this course will run again with the following program:

PROGRAM OUTLINE:

Wednesday 27th April

Coastal processes and impacts
Coastal modeling
Impacts, vulnerability and risk
Shoreline erosion management
Coastal hazard and climate change adaptation

Thursday 28th April

Coastal policies
Stakeholder engagement
Coastal economics
Coastal management plans
Coastal adaptation strategies
Case studies

Friday 29th April

Study tour of the Gold Coast and visit of coastal management hotspots, including the Tweed River Sand Bypass System, the iconic beaches of Palm Beach, Burleigh Heads and Surfers Paradise and the artificial reef at Narrowneck Beach.



LOCATION: The Shipp Inn at South Bank, Brisbane.

COURSE COVERS: Three days attendance, comprehensive course notes, catering and course dinner.

RATE: Early bird rate - book and pay by 1st March 2016 \$830 (plus GST\$83), Standard rate - \$980 (plus GST\$98). A 5% discount is offered to three or more registrants from the same organisation (inclusive of early bird and standard rates). A 5% discount is offered for Australian Coastal Society members.

STUDY TOUR: An optional study tour of the Gold Coast is offered at an additional cost of \$200. Leaving and returning from Brisbane, lunch

PURPOSE OF THIS COURSE:

This is a professional development course designed to improve the understanding of coastal hazard dynamics, modeling and impacts, and to develop skills for shoreline management and coastal hazard

YOU WILL FIND THIS COURSE RELEVANT IF YOU ARE:

- A council or government officer in charge of coastal hazard management
- A coastal scientist, engineer or planner in the professional industry
- A scientist involved in coastal hazard adaptation research
- A science or engineering student wishing to work in the coastal management field

REGISTRATION AND ENQUIRIES:

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