

## A.R.T.T Research Forum

### Sustainable Design in Australia Today

Rory Martin  
National Sustainability Manager  
Frasers Property Australia

Australia is a land of rich and diverse climates, as well as an ever-growing diversity of people and cultures. How it emerges from its predominantly European heritage to embrace its Asian orientated future, while managing the challenges of climate change provides both great risks and opportunities for designers. This lecture shall take students through some of the current key issues around sustainable design today in Australia, and how designers are adapting to address these. It will explore some of the fundamentals of passive design, ratings tools and building information modelling and illustrate how architects are utilizing these to create a more sustainable future through design. The presentation shall also include some case studies to assist students visualize how design is being realized in built form. Architectural design is one of the greatest opportunities we have for a sustainable future and this lecture offers a great opportunity for knowledge sharing between two societies at the forefront of these issues.

#### Bio

Previously awarded the 'Future Green Leader' award by the Green Building Council of Australia (GBCA) for his ardent commitment to innovative sustainable design, Rory Martin is the National Sustainability Manager for Residential at Frasers Property Australia. Responsible for the sustainability agenda of Frasers Property Australia's large Residential portfolio, as well as being a Technical Tutor at the Melbourne School of Design, Martin holds both an Honours Bachelor of Architecture and Masters of Science in Environmental Design, as well as being a registered architect and Green Star Accredited Professional. Having previously completed projects across North America, Europe, Asia, the Middle East and Australia, Martin is a multi-award winning professional who has solid experience in design, consultancy, development and industry standards. Martin sensibly describes sustainable design practises as simply "good design".

Convenor:  
Assistant Professor Dr. Abel Tablada

Date and Time——  
13th September 2017  
6pm to 7.30pm

Venue——  
School Conference Room,#03-07,  
Department of Architecture,  
School of Design & Environment,  
National University  
of Singapore

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