NUS National University of Singapore | Department of Biological Sciences, Faculty of Science

BIOLOGY COLLOQUIUM

Friday, 23 Sept 2016 | 4pm | DBS Conference Room 1

Hosted by Dr Chong Kwek Yan

Conservation decision making in social-ecological systems



By **Kerrie Wilson**

School of Biological Sciences, The University of Queensland, Australia.

Biodiversity conservation must compete with other societal priorities. Conservation therefore requires an understanding of both the ecological and the socio-economic system. This seminar will describe new theory and methods for prioritising where, when, and how to invest funds for protecting biodiversity and ecosystem services. New methods will be profiled to plan for multi-functional landscapes and the delivery of diverse outcomes, to systematically evaluate the impact of conservation strategies, and forecast the impacts of alternative policy options and alternative futures.

Associate Professor Kerrie Wilson *is an ARC Future Fellow at The University of Queensland, Chief Investigator of the Australian Research Council Centre of Excellence for Environmental Decisions, the Deputy Director of the UQ Centre for Biodiversity and Conservation Science and an Affiliated Professor in Conservation Science at The University of Copenhagen. Kerrie holds a degree in Environmental Science (First Class Honours, awarded in 1999) from UQ and a Doctor of Philosophy from The University of Melbourne in 2004 undertaken in collaboration with the United Nations Environment Programme – World Conservation Monitoring Centre located in Cambridge. Kerrie has previously held leadership positions with non-government organisations including Director of Conservation for The Nature Conservancy Australia. She has a particular interest in applied conservation resource allocation problems, such as where to invest limited resources to protect or restore biodiversity and the role of ecosystem services in achieving conservation goals.*

Artwork by Ann Nee, DBS, NUS