Australian National University

# From connectivity to demography and onto the Holy Grail: population persistence

**Thursday 21 June 2012** 1pm

**Dr Paul Sunnucks** Reader, School of Biological Sciences and Australian Centre for Biodiversity, Faculty of Science, Monash University

**Gould Seminar Room (Room 235)** Gould building, 116 Daley Road, ANU

We've been quite good for a couple of decades at estimating parameters in population biology from combinations of field biology and molecular approaches. But projecting them into understanding demographic change is challenging, and projecting that into estimating population persistence is even more difficult. Are there advances and positive prospects in this area?

Paul Sunnucks conducts research and teaching at Monash University in population biology of fauna, particularly Australian natives. Much of his research integrates population genetic approaches to understanding the operation and structure of wildlife populations in human-impacted environments. His research is overwhelmingly collaborative with a broad range of scientists and stakeholders and increasingly seeks to assist environmental management that will promote the persistence of natural populations. He is led by questions not study organisms and is particularly fond of all life forms and environments.

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