

## Department of Ecology & Environmental Science Seminar Series

### Special Seminar



## Dr. Reid Tingley

**Tuesday 26<sup>th</sup>  
May 2015**

ARC Centre of Excellence for Environmental  
Decisions (CEED)  
School of Biosciences  
University of Melbourne

### **Managing the spread of invasive amphibians under uncertainty**

**12:00pm**

**ROOM G25,  
BENHAM BUILDING**

Conservation decisions are typically characterized by a high degree of uncertainty. For example, we may know little about the state of a system, how it will react to different management actions, or how cost-effective those actions might be. I will illustrate how various forms of epistemic uncertainty influence the management of invasive species using two amphibian case studies, one that focuses on monitoring European newts in Melbourne using environmental DNA sampling, and another that deals with efforts to contain the spread of cane toads in WA using landscape barriers.