

Life, Earth & Environment Seminar Series

When: Friday July 13th, 12 noon – 1pm

Where: Natural Resources Building, Large Lecture Theatre (EM1)

Let's talk about the birds and the bees, the flowers and the trees: A landscape perspective

Mark Hall

University of New England

Throughout the world, extensive conversion of natural environments for agricultural production has drastically reduced the amount, quality and configuration of habitats for wildlife in rural environments. A characteristic feature of rural landscapes globally is the presence of linear strips of (semi)natural vegetation, often forming networks amongst farmland. I used a landscape-level natural experiment to investigate the relative importance to birds and wild bees of these linear features and other habitat components, and systematically surveyed taxa in each of 44 landscapes. I show that by examining both site and landscape-level effects of landscape modification, we can better inform management of these landscapes for the conservation of multiple taxa.



Biography

Mark completed his PhD at La Trobe University in Melbourne, investigating the role of remnant vegetation within agricultural landscapes—often occurring along linear roadsides and streams or as scattered paddock trees—for biodiversity conservation. He currently works on crop pollination with the Rader Lab at UNE.



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