



PhD and honours Opportunities

Understanding how apex predators control ecosystem nutrient dynamics?

Opportunities exist for PhD and honours students to participate in an exciting new ARC funded project at University of New South Wales examining the effects that removal of dingoes has on the fate and distribution of nutrients in the Strzelecki Desert. The project will study mammals, plants, soils, birds and invertebrates and will span three key theoretical areas: trophic cascades, facilitation cascades and ecosystem stoichiometry using a combination of experimental field studies, drones and remote sensing.

Specific questions to be addressed:

How do dingoes influence the distribution of nutrients by kangaroos?

Does transport of nutrients towards trees by kangaroos amplify the role of trees as foundation species?

How does removal of dingoes influence the spatial distribution of nutrients and in turn the composition of ecological communities?

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