

From: Heather Gordon
Subject: PhD Scholarship - Modelling the conservation of a wide-ranging species - Perth, Western Australia

An exciting opportunity has arisen for a PhD candidate to undertake research that will contribute towards the conservation of wide-ranging species in one of the world's biodiversity hotspots. Part of a larger project, this PhD research aims to develop methods to better integrate conservation with anthropogenic activities across the whole landscape in a drying climate. We are seeking a motivated candidate to undertake research that will use data on the spatial distribution of critical resources for Red-tailed Black-Cockatoos to model the best trade-offs between conservation outcomes and a range of anthropogenic land uses. Critically, this will include modelling of how the location of cockatoo drink sites might influence these trade-offs. We envisage that the candidate would undertake, fieldwork to better understand the cockatoo's ecology, the landscapes and land uses modelled. The fieldwork would be conducted in a variety of landscapes in the northern jarrah forest ranging from 35km SE to 120km SSE of Perth, Western Australia.

We are looking for a candidate interested in both quantitative and qualitative research design, methodology and analysis, an ability to work both independently and as part of a team and a desire to interact and collaborate with both government departments and private industries. Most of all we are seeking someone with a passion for conserving our unique fauna and an interest in finding novel methods of achieving effective conservation outcomes in multiple-use landscapes.

Contact me for further details <heather.gordon@uwa.edu.au>.

Thanks

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