



## Motivation and Capability Statement

I am a very experienced ecologist and research leader, with a proven record of working with communities, land managers and government to improve ecosystem management in Australia. I was a member of the writing group for the Ecosystem Science Long-Term Plan, played an ongoing role in the establishment of the Ecosystem Science Council, and am an inaugural member of the Council. I am coordinator of the ESC Working Group on long-term research, which aims to deliver dedicated funding for long-term (a decade or longer) ecosystem research, complementing existing support for short-term research.

I am recognised internationally as a leading researcher in the fields of ant ecology, fire ecology and management, and the use of invertebrate bio-indicators in land management. I have authored five books and >200 scientific publications, and have an h-index of 59 and >10,000 career citations. I have an extensive international research network associated with direct research experience in Africa, South-East Asia, and North and South America. Despite not being located at a university, I have very extensive experience with the mentoring and supervision of students - I am currently the primary supervisor of four PhD students, and co-supervisor of seven others.

I have a strong record of service to the ecosystem science community. In addition to the Ecosystem Science Council, recent roles include: Associate Editorship of three international journals, and membership of the Editorial Board of another; membership of the Conservation Committee of the Association for Tropical Biology and Conservation; Chairmanship of the Local Organising Committee for 2014 Ecological Society of Australia conference; membership of the Scientific Committee, 2014 ATBC conference; and membership of the Local Organising Committee, 2012 Oceania Conservation Biology conference. I received the 2006 Service Award from the Australian Entomological Society.

I am highly committed to the application of ecosystem science for improved land management. My research team has an extremely strong track record working with land managers (especially in the Indigenous sector) for positive land management and sustainable livelihood outcomes, and the successes of our collaborative projects have been recognised nationally. I am currently Chair of the Christmas Island Crazy Ant Scientific Advisory Panel, and a member of the Dhimurru Indigenous Protected Area Advisory Group, the Australian Wildlife Conservancy Science Advisory Network, the Kakadu Threatened Species Working Group, and the Territory Wildlife Park Biodiversity Conservation Committee.

I have also played an important science role at the government level. I was a member of the Northern Territory Research and Development Advisory Committee (NTRDAC) from 1997 to 2002, which provided strategic science advice to the NT Government. I was on the panel of the 2002 Collins review into science and innovation in the Northern Territory, which established the NT Research and Innovation Board (NTRIB), of which I was a founding member. I was awarded the inaugural (2009) Charles Darwin Medal for Research and Innovation in the NT.

## Statement of Commitment

I hereby state that I subscribe to the principles and ideals outlined for the Council, and am willing to commit the required time and energy to undertake the Council's work.

A handwritten signature in blue ink, appearing to read 'Alan Andersen', with a long horizontal flourish extending to the right.

Prof Alan N. Andersen  
27 September 2016