

CONSERVATION SPATIAL SCIENTIST / GIS ANALYST

The Centre for Conservation Geography is looking for a conservation scientist to join our team. The successful candidate will have expertise in GIS, map making, conservation planning, report writing, and a good understanding of Australian environments and advocacy campaigns.

Key details

Location: This position is based in Byron Bay. Remote work within a virtual team environment may be possible once work plans and research projects mature, but we are ideally looking for someone who would like to work with the team in person.

Tenure: This is a part time 12-month fixed term contract with a 3-month probationary period. The contract may be extended beyond 12 months for the right person.

Salary: \$80,000 - \$90,000 per annum pro rata plus superannuation dependent on skills and experience.

Hours: 3 days per week, flexible

Who We Are

The Centre for Conservation Geography is an interdisciplinary research consultancy established in 2011 to provide expert technical support and advice to government and non-government stakeholders. Our focus is on applying world's best practice and decision support for optimised biodiversity conservation outcomes. Based in Australia, our multi-disciplinary team works to support conservation decisions being made across the world's ecoregions.

Our areas of expertise include protected area design and performance assessment and data driven support and solutions for campaigns and environmental issues.

You can find out more about us at <https://conservationgeography.org/>

Skills Required

- a. You will have experience in delivering multidisciplinary research projects within a team environment;
- b. You will be required to use ESRI GIS software to analyse, assess, and summarise environmental data to support conservation planning and decision making;
- c. You will be adept in liaising with and briefing clients and will have the ability to communicate effectively to deliver products that meet their needs.
- d. You will have the ability to work efficiently to deadlines and be confident at working both independently and collaboratively.

Application Process

- a. Address the selection criteria in one to two pages in a cover letter.

- b. Provide a copy of your CV or resume
- c. Provide examples of your work. These could include online links, reports or screen grabs accompanied by a short (one paragraph) summary of the work.

Please email applications or any queries to sophie@conservationgeography.org

DETAILED JOB DESCRIPTION AND SELECTION CRITERIA

Key Responsibilities

- a. Line managing team workflows;
- b. managing the delivery of complex, multidisciplinary research and campaign projects;
- c. collate data for conducting spatial analyses and design maps using ESRI GIS software;
- d. provide conservation planning and decision support through the production of publishable maps, written reports, infographics and other data visualisation products;
- e. generate independent ideas on how to analyse and present information for advocacy including for Traditional Owners, not-for-profit organisations, government decision makers, the public and other stakeholders;
- f. liaise with campaign leads, other scientists and GIS specialists as necessary to inform the work and;
- g. actively participate in a virtual team, including contributing thoughts and ideas to projects and organisational direction, delegating tasks and managing project deadlines.

Key Selection Criteria

Qualifications:

Tertiary qualification in ecology, geography, environmental science, natural resource management, marine biology, geographic information science or an associated field and/or

Education or professional experience in conservation planning, GIS analysis and/or analysis for environmental decision making

Essential skills and experience:

GIS and data management experience:

- Demonstrated advanced experience with ESRI GIS software to analyse data, design compelling maps and present the results in a clear and concise manner

Analytical thinking and research skills:

- Demonstrated ability to find, analyse, and summarise complex information, and take creative approaches to problem solving
- Ability to apply design principles to create high-quality maps that effectively communicate a message/story

Well-developed time and project management skills:

- Proven project management skills, including ability to manage multiple projects simultaneously and clearly communicate progress
- Ability to prioritise, organise and schedule time critical workloads
- Capacity to work independently and take initiative with minimal supervision

Team management and communication skills:

- Ability to lead collaboratively as part of a both an in-person and virtual team
- High level communication and interpersonal skill
- Strong organizational skills, including data management, shared databases, and online filing

Desirable skills and experience: It is preferable for the applicant to have all or some of the following skills and experience or be able to demonstrate transferable skills:

- a. Knowledge of current trends and strategies in conservation and land protection including landscape scale approaches to protected area planning and management;
- b. Experience collaborating and working within the environmental campaign sector;
- c. Understanding of marine and terrestrial ecology, especially in Australia;
- d. Understanding of concepts in conservation planning and conservation decision support;
- e. Ability to write and communicate clearly and plainly, including distilling complex data and concepts into digestible form. Preferable experience or transferable skills writing effective targeted reports for public campaigning and government decision making purposes;
- f. Experience with other data analysis and management software such as Excel, Marxan.