



## PERSONAL

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## EDUCATION

Bachelor of Science (Honours),  
University of Sydney (2017)  
Member, Australian Evaluation Society



Jack has a background in ecological research and augments his skills and insights from science to the public policy ecosystem. He is passionate about taking complex concepts and data and communicating them in ways that are accessible, useful and targeted to his audiences.



*As a scientist, I am interested in incorporating rigorous scientific measures into evaluation data collection. But working in this field has challenged my Eurocentric view on conducting purely objective research, which I find truly invigorating.*

*There's a quiet satisfaction in knowing that I, in some way, am contributing to meaningful work that might improve someone's quality of life down the road.*

## JACK RUTHERFORD

### SENIOR CONSULTANT



### SCIENCE AND THE ENVIRONMENT

Drawing on his unique biological theory-based perspective, Jack thinks critically about evaluation and analysis approaches in the environmental sector and considers the best ways to communicate complex scientific content to wider audiences.

- » **Environmental Water Management Program Evaluation** (Department of Planning, Industry and Environment, 2020-21): Informed by systems evaluation theory, Jack conducted fieldwork in the Murrumbidgee river catchment area, analysed survey and interview data, and reviewed environmental monitoring reports and program documentation to evaluate the health of the program in the final report.
- » **Indigenous Girls STEM Academy Evaluation Strategy** (Department of Prime Minister and Cabinet, 2019): Jack conducted a literature review of best practice STEM education models and how they may incorporate Indigenous ways of knowing and knowledge gathering. This research aided the development of the Academy's theories of change.
- » **National Disaster Resilience Program Evaluation** (NSW Office of Emergency Management, 2018-19).
- » **Evaluation of Drought Support Measures** (Department of Regional NSW, ongoing).

Jack works with clients in the environmental sector to make infographics that deftly communicate complex theories and processes. Alongside the Natural Resource Commission (NRC), he created infographics for and helped design the NSW Environmental Trust's **ETCRE Project Riparian Rehabilitation Good Practice Guide**, and has also made infographics for the NRC's **Coastal Integrated Forestry Operations Approval report** and **Old Growth Forest Reassessment**.

### ANALYSING DATA AND INTERPRETING FINDINGS

Jack's true strengths centre on conducting thorough analyses of data, and in crafting reports that are right for his audiences. Jack's writing is thoughtful, detailed and—perhaps most importantly—tells stories that resonate with his audiences.

- » **Evaluation of the National Presence Strategy** (Questacon, ongoing): Jack co-created a suite of six surveys to conduct social network analyses of STEM learning ecosystems.
- » **Evaluation Strategy for Children and Young People with Harmful Sexual Behaviours (PHSBs)** (NSW Ministry of Health, ongoing): Jack co-created a suite of six surveys to assess the state of the NSW workforce in responding sensitively to PHSBs.
- » **Evaluation of the Visit Program** (Open Support, 2019-20). Jack conducted and reported on thematic analysis of interview and focus group data and produced a comprehensive literature review on the causes, effects and costs of social isolation.
- » **Midterm Evaluation of the NSW WHS Roadmap** (Safework NSW, 2019-20). Jack developed a survey and used a rubric to frame subsequent analysis and reporting.
- » **Development of Clinical Practice Guidelines for physiotherapy management of people with spinal cord injuries** (Kolling Institute, 2019-20). Jack thoroughly analysed interview data and helped draft clear and appropriate clinical practice guidelines.