

## **CAGE: Camp For Applied Geophysics Excellence**

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### **SUMMARY**

The Camp for Applied Geophysics Excellence (CAGE) is a week-long geophysics camp in Australia that has been running each year since 2022. CAGE is coordinated through the Australian Society of Exploration Geophysicists, is funded by sponsorship from government and industry, and is convened by the authors with a team of volunteers.

CAGE was motivated by dwindling geophysics offerings in Australia, where only three universities across the country now offer a geophysics major. The goal of CAGE is to provide practical experience in geophysics to late stage university and early career geoscientists, with a focus on field skills. Our aim is that geoscientists will begin their careers more equipped to collect, work with, understand and make use of geophysical data, whether in research, mineral exploration, geotechnical or environmental geophysics.

CAGE was inspired by the US Summer of Applied Geophysics Excellence (SAGE) but instead of a summer, we have only a week with our attendees. In that time, we travel to a field area and guide the attendees in collecting four different types of geophysical data, processing and modelling the data, and developing an integrated interpretation. EM methods are always a strong focus; in 2022 and 2023 we collected TEM data and MT is planned for 2024. The Australian geophysical community has rallied support for CAGE, and the attendees benefit from learning from a diverse team of tutors and demonstrators who come from industry, government and academia.

On this poster we present examples of the teaching model at CAGE and discuss some of the challenges we have faced and strategies we have found successful. By sharing our approach as well as feedback from attendees, we hope that our experiences will help others in planning field-based geophysics education.

**Keywords:** Field camp, field training, hands-on geophysics

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