# Stage 6 Earth and Environmental Science

## Module 4: Human Impacts

### Outcomes

EES11/12-1

develops and evaluates questions and hypotheses for scientific investigation

EES11/12-2

designs and evaluates investigations in order to obtain primary and secondary data and information

EES11/12-3

conducts investigations to collect valid and reliable primary and secondary data and information

 EES11-11

describes human impact on the Earth in relation to hydrological processes, geological processes and biological changes

### Inquiry questions

How does human use of land affect soil?

How do introduced species affect the Australian environment and ecosystems?

### Excursion description

Students will:

* assess three sites to investigate soil and ecosystem characteristics
* assess causes and impacts of erosion data along a transect line
* use a GPS to record the location of a variety of introduced flora and fauna they observe during field work
* record evidence of human activity and reflect on the environmental impact.

**Pre and post visit lesson outlines and supporting resources will be provided to organising teachers upon booking of excursion.**