Activity Title: Current issue case study – vehicle damage in sand dunes

Focusing question
How do vehicles impact on sand dunes?

Resources required
• PowerPoint presentation – 5e Current issue case study – vehicles

Prior learning
5b How do people affect beaches?
5c Positive and negative beach use posters
5d Photo montage – human impact on dunes

Method
1 The objective of this activity is to explore the use of vehicles on sand dunes as a case study of a human activity that currently impacts on the dunes.
2 View the PowerPoint presentation 5e Current issue case study – vehicles before using it with the class or set a small group this responsibility. Identify good places to stop for discussion and questioning. Some discussion questions are included in the PowerPoint.
3 View the PowerPoint presentation with the class, stopping in places for discussion and questions.
4 Reflect on the following:
   • What impact do vehicles have on the dunes?
   • Have vehicles always been used on the dunes – how has their use altered over time?
   • How can vehicle use be managed on the dunes?

Possible next steps
• 5f Beach traffic survey – a practical field activity investigating the diversity and quantity of traffic on local beaches and sand dunes.