



# Canarygeog Worksheet

## Coastal Management - Answers

1. Why don't scientists know the exact height sea level will rise in the future ?  
Because it is hard to determine how much it will be affected by people and how much by natural causes (global warming).
2. Some scientist say sea level will rise between 3 and 5 metres in the future. Why will this be a devastating impact in all the world?  
Usually coastal areas are more densely populated than inland areas so this amount of sea rise will affect a larger number of people. There are also many areas below sea level (like Bangladesh).
3. Why is costal management important ?  
To prevent erosion maintaining the coastal areas for human use as well as to preserve values environments.
4. Coastal management also causes a number of problems, which are these ?
  - When we protect one part of the coastline this may cause an erosion problem elsewhere.
  - Coastal protection is expensive and hard to build.
  - They are usually quite ugly.
  - They are usually only successful in the short term.
5. Managed retreat offers a number of advantages and disadvantages, which are these ?  
This type of coastal management is more sustainable than hard engineering methods as it offers a balance between coastal protection and natural processes. Although it doesn't solve the problems of the people who live in the area as erosion continues taking place.
6. In a built up coastal area, what is more important the natural environment of the area or protecting the settlements?  
This is a free answer where your opinion counts, obviously it will always depend on to what extent people are affected.