

# Healthy Oceans

## Coral Reefs and Climate Change

### Discussion Questions



1. How are human activities like burning coal, oil, and natural gas for energy affecting the environment, including the marine environment?
2. What are greenhouse gases? Are they good or bad? What impacts can/do they have on the Earth?
3. What is coral bleaching, and what causes it?
4. How can an action you take or decision you make, like walking instead of driving, affect something or someone miles away from you?



5. What happens with carbon dioxide dissolves in seawater?
6. What is ocean acidification, and what causes it? What impacts does ocean acidification have on coral reefs?
7. Why do you think coral reefs are often referred to as 'biodiversity hotspots'?
8. Do/How do coral reefs benefit people?
9. What could happen to coral reefs as the ocean continues to warm and acidify? Could they adapt to changing conditions?
10. What can we do to reduce our impact on coral reefs and other important ecosystems?

