

How Are Earth's Spheres Interacting?

▶ ES0103

Use another sheet of paper if you need extra space to write complete answers.

- 1 List several different parts of the Earth system you can see in the image.
- 2 List Earth's four spheres. Give several examples of features in each sphere.
- 3 Why do you think rain and snow are listed with the hydrosphere instead of the atmosphere?
- 4 For each image:
 - List the major features and tell which sphere each one represents.
 - Describe how each feature shows interactions between the spheres.
 - Whenever possible, follow the results of an interaction through all four spheres.
 - A. Suez Canal
 - B. Tornado
 - C. Tropical Island
 - 4 continued
 - D. Forest fire
 - E. Oil wells burning
 - F. Amu Darya River
 - G. Wind farm
 - H. Mount Etna, a volcano on Sicily
- 5 List some Earth sphere interactions from your own daily activities.
- 6 Describe some global-scale interactions among Earth's spheres that are initiated by human action.
- 7 List and describe at least two new ideas you've had while considering Earth as a system.