# EXPLORING THE EARTH FROM A DISTANCE!



### **Categories:**

Cryosphere and natural hazards



## Step 1:

Open the Exploring Earth map on the Canadian Space Agency website.

# Step 2:

Search the Exploring Earth map until you have found all six of these photos!



Photo 1

Photo 2

Photo 3



Photo 4

Photo 5

Photo 6

### Step 3:

Pick one photo from above and read the associated blog on the Exploring Earth website. Answer the following based on your new knowledge:

1. What location is shown in the photo?

2. What feature or phenomenon is shown in the photo?



- 3. Describe two facts you learned while reading the blog.
- 4. Can you see a connection between the photo you chose and Earth Day 2020? Describe how the feature or phenomenon shown in the photo can be linked to environmental protection.

- 5. The photos above are taken by satellites that continuously orbit the Earth year after year.
  - a. What are some of the benefits that satellite images provide to science and society?

b. What would be some of the things you would look for in a satellite image if you were interested in the following?

i. Military applications?

ii. Environmental monitoring?



iii. Archaeological surveying?

iv. Weather prediction?

6. If you were given a close-up satellite image of your neighbourhood, what features would you use to determine the location of your house? How would you recognize it from a birds-eye-view?