

Learning Material

Canada – Snow, Ice and Sea

Grade 7-9

Exercises



Exercise Sheet 2: Land Surfaces, Regions & Phenomenons

Exercises

1. Which (land) surfaces can you distinguish in the ISS-Panorama? Go from the coast to the hinterlands and list four surfaces on your way.

- 1.
- 2.
- 3.
- 4.

2. What kind of lake is the Tobin Lake?

3. Fjord Saguenay

- a) What is a Fjord?
- b) Describe the characteristics of Fjord Saguenay.

4. Navigate to Lake Winnipeg

- a) Which part of the lake is shown in the ISS-Panorama?
- b) How did the lake emerge?

Exercise Sheet 3: Classification

Exercises

1. Conduct a classification with the Canada-Tool. Choose the image section as shown in the figure below. Lake Winnipeg should be located at the bottom left. Create at least three surfaces: Lake Winnipeg, Clouds, Ice or Mountains/Land. You can display the mapping instructions below the tool to get the right order for creating your map.

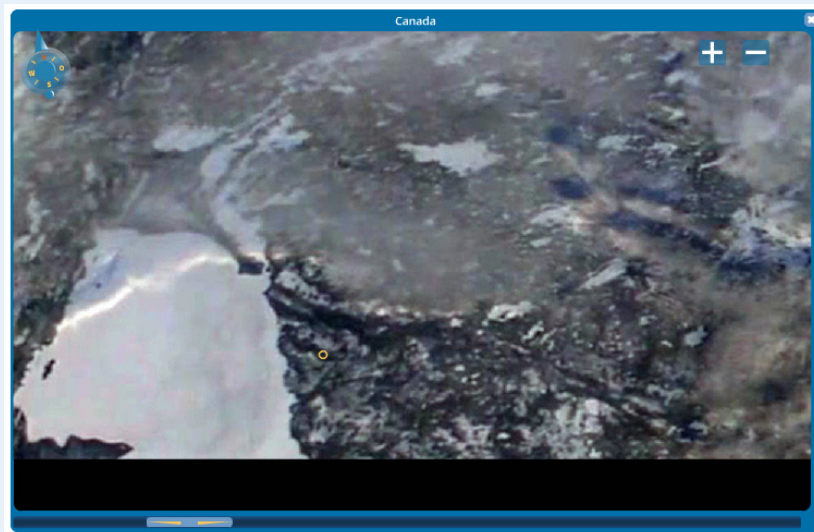


Image Section for classification. Lake Winnipeg should be located at the bottom left.

- a) Create training samples for the selected surfaces.
 - b) Name them and assign a color scheme.
 - c) Save map
2. Test your classification with different training samples and compare the different classifications. Again, choose the same image section as in Exercise 1 of this Exercise Sheet (see figure above).
 - a) How big is Lake Winnipeg in your classifications?
 - b) What kind of problems can you identify when classifying the image? Compare the image and your created map.

Exercise Sheet 4: Living in Canada´s cold

Exercises

1. The Canadian Culture

- a) Why is it so cold in Canada?

- b) What is the national sport in Canada?

2. The Cree Tribe

- a) Describe who the Crees are and how the two groups of them are named within the region where the information point is located.

- b) Which of both groups is indigenous in forested areas?

- c) Among the different regions in which the two different tribes live, are there other differences?

3. Canada: Culture and Language

- a) Why do we talk about the „Lake“ Winnipeg on the one hand and on the other hand about the „Lac“ Mistassini?

- b) Which problems occur due to the different languages used in Canada?