

OUR FIRST EARTH SCIENCE LESSON

CONTENT:

1. Concept of topography.
2. Concept of terrain or land relief.
3. Landscape and elements of the landscape.
4. Types of landscape in the Earth.
5. Types of landforms.
6. Landscapes and landforms in the Canary Islands.

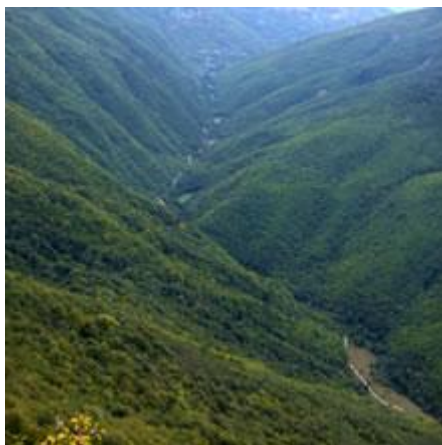
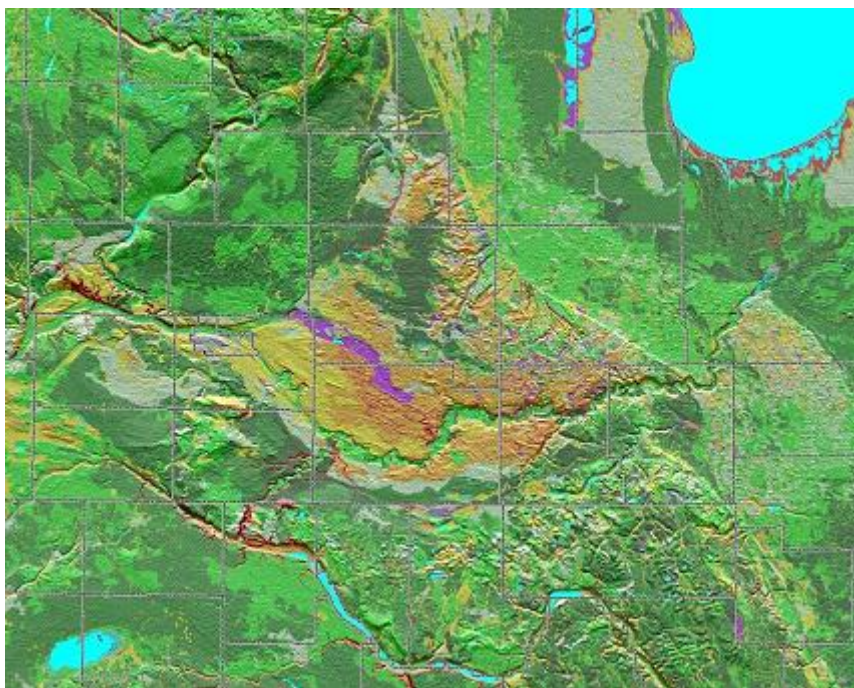
Topography is the study of Earth's surface shape and features. It is also the description of such surface shapes and features (especially their depiction in maps).

The topography of an area can also mean the surface shape and features themselves.



Barents Region, topography and bathymetry

2. Terrain, or land relief, is the vertical and horizontal dimension of land surface.



3. Landscape comprises the visible features of an area of land. It includes:

1. Physical elements of landforms and water bodies such as rivers, lakes and the sea.
2. Living elements of land cover including indigenous vegetation.
3. Human elements including land uses, buildings and structures.
4. And transitory elements such as lighting and weather conditions.

(SHOW PICTURES)

4. **The Earth** has a vast range of **landscapes**:

- Icy landscapes of Polar Regions.



- Mountainous landscapes.



- Desert landscapes.



- Islands and coastal landscapes.



- Forested or wooded landscapes



- Agricultural landscapes



5. Types of Landforms (SHOW PICTURES)

- **Coastal and oceanic landforms:**

Archipelago

Bay and gulf

Beach

Cape

Cave

Cliff

Coast

Coral reef

Dune system: Dunes and sandhills

Island

Isthmus

Lagoon

Ocean

Peninsula

Sea

- **Erosion landforms**

Canyon

Cave

Cliff

Gully

Malpais

Natural Arch

Ridge

Valley

- **Fluvial landforms**

Arroyo

Beach

Bay

Cave

Cliff

Gully

Island

Lake

Marsh

Oasis

Rapid

River

Spring

Steam

Valley

Waterfall

- **Mountain and glacial landforms**

Fjord

Glacier

Glacier cave

Hill

Mountain and mountain range

Plain

Summit

Valley

-

- **Slope landforms**

Cliff

Gully

Hill

Mountain pass

Plain

Plateau

Ravine

Ridge

Rock shelter

Valley

- **Volcanic landforms**

Caldera

Crater lake

Lava flow and lava plain

Lava lake

Lava tube

Malpais

Volcanic cone

Volcanic field

Volcanic island

Volcanic plateau