



TOOL

Climate Portal



Title : Climate Portal | *Developed by* : The Latvian Environment, Geology and Meteorology Center

Topics : Climate events, climate changes | *Website* : <https://klimats.meteo.lv/>

Description

In the portal, Latvia's climate and climatic changes over the years are described in detail. As well as, certain sectors of the national economy are characterised in relation to the climate. The Latvian Environment, Geology and Meteorology Center ensures the collection, accumulation and provision of environmental information to the public, state and local government institutions. It includes environmental monitoring; identification and evaluation of underground resources; management of the state-owned hazardous waste landfill; safe management of radioactive waste and nuclear facilities, etc.

Duration

Differs depending on chosen format

Resources needed

To use the materials we need:

- Computer
- Internet connection

Age

High School: 14 to 19 years old

Relevance to CRISEPAC Objectives

The resource is relevant to the CRISEPAC objectives, with particular emphasis on the diversity of information and data reflecting changes of climate in a particular country.

Expected outcomes

In this platform, you can get the latest and comparative data for information extraction and analysis. Information can be used as materials, requiring students to read, compare, and analyze data. This platform offers the most up-to-date and diverse information directly related to the situation in Latvia.

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Management

It requires preparation for teachers, as the information to be obtained is statistics and data recordings. The teacher needs to collect and analyse data in advance to decide what information to use, depending on the topic of the lesson.

Risk prevention

This platform provides the most up-to-date information on water, climate, geological processes. Also, here you can find the latest trends happening in Latvia and what are the national strategic settings for solving problems or risks. The platform also offers active public engagement and inclusion in expressing opinions.

Others

Weaknesses

- It may take a long time for teachers to select and integrate information into the learning process;
- Focus on Latvia only.

Strengths

Diverse current and historical information and data.

Possible adaptations

There are probably platforms of this type in every country where data on weather conditions, water and other resources are collected. It can be a good resource for obtaining up-to-date information, integrating it into the curriculum and analysing it.

Climate change

Everyday meteorological and climate data reflects climate change through observable trends such as rising average temperatures, increased frequency and intensity of extreme weather events (like storms and droughts), changes in precipitation patterns, and shifting seasonal cycles, etc.

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Methodologies



The information on this website is available in Latvian and English. The information can be used as data to be included in student worksheets for data reading, comparison, analysis. It can be given to older students as a resource for searching, compiling, and analyzing information. It can be used in English lessons to promote interdisciplinary work

More information : Latvian Environment, Geology and Meteorology Centre - <https://videscentrs.lvgmc.lv/>

