Svalbard and Jan Mayen hes energy systems

What is MOSJ - environmental monitoring of Svalbard & Jan Mayen?
MOSJ (Environmental Monitoring of Svalbard and Jan Mayen) is an environmental monitoring systemand part of the Government's environmental monitoring in Norway. An important function is to provide a basis for seeing whether the political targets set for the development of the environment in the North are being attained.

Is Jan Mayen the same as Svalbard?
Although administered separately,in the ISO 3166-1 standard,Jan Mayen and Svalbard are collectively designated as Svalbardand Jan Mayen,with the two-letter country code "SJ". It was also given the web domain of .sj. However,the domain is not in use and Norway's .no is used in its place.

Are Longyearbyen and Svalbard facing an energy transition?
Top image: Longyearbyen and Svalbard are facing an energy transition. This is the background for the cooperation agreement between UNIS,Store Norske and SINTEF. Photo: Graham Gilbert/UNIS. Longyearbyen and Svalbard are facing a huge energy transition.

Does ice affect the temperature in Svalbard?
The temperature in Svalbard is strongly affectedby ice,which can vary widely from year to year. Hence,the seasons with ice present show greater variation in average temperature from year to year. Trends in seasonal mean temperatures at Svalbard Airport shows a temperature increase for all four seasons.

What is the longest data series from Svalbard Airport?
The longest data series is from Svalbard Airport, and started in 1898. It shows periods of rising temperatures from 1915 to the 1930s and 1970 until today, but cooling from the 1950s to about 1970. When the period is viewed as a whole, the temperature on average has risen by 0.32°C per decade.

MOSJ (Environmental Monitoring of Svalbard and Jan Mayen) is an environmental monitoring system and part of the Norwegian Government"s environmental monitoring in Norway. The site provides historical climate records (ocean, land, and atmosphere), including temperature precipitation, snow, permafrost and sea-ice.

Longyearbyen and Svalbard are facing a huge energy transition. UNIS, Store Norske and SINTEF have therefore entered into an agreement on strategic cooperation within renewable energy systems adapted to Arctic conditions. The goal is to make Svalbard a showcase for renewable energy solutions in the Arctic. 15 March 2022

cators and human drivers in the marine areas covered by the fishery protection zone around Svalbard and the fishery zone around Jan Mayen. The basis for the evaluation of each indicator is found in chapters 4 to 8 of

this report.

Climate gases in Svalbard; Air temperature and precipitation; UV in Ny-Ålesund; Ocean. The transport of freshwater through the Fram Strait; Thickness of sea ice in the Arctic Ocean measured in the Fram Strait; Sea ice extent in the Barents Sea and Fram Strait; Sea level; Temperature and salinity in the Fram Strait; Land. Mass balance for ...

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This project explores the energy systems and their development towards 2035 in the West Nordic areas and the Arctic. The objective of the project was to contribute to a knowledge base that can...

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In Svalbard (78°N), the previously coal based energy system is now, with a short transition period with diesel, moving to a completely renewable off-grid system. Both solar and wind...

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This paper emphasises on degradation of wood in cultural heritage structures at Svalbard. Nowhere else does global heating occur faster. Negative impacts of climate change will increase the strain on ...

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This report is a sub report of the project Energy in the West Nordic areas and the Arctic - EVA. The purpose of the projects is to look at the energy situation and the local challenges in the five areas Iceland, Greenland, Faroe Islands, Svalbard and Jan Mayen. Some of the data for the main project (energy situation, energy demand and scenario

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Web: https://www.gennergyps.co.za