



PLANET ACTION
Spot the impacts, engage in action

Glacier Melting in Ice Caps

LEGOS + UNIVERSITY OF ICELAND, ICELAND

Earth Observation and GIS communities fighting the climate crisis



Landsat, Vatnajökull - 1999

Why

A comprehensive understanding of Icelandic ice caps and their response to Climate Change is of international scientific interest.

What for

- Monitor changes in glacier volume and ice dynamics.
- Predict glacier evolution under Climate Change scenarios.
- Monitor hazardous regions of sub-glacial volcanic activity.

Results

We have used Formosat, Spot and Landsat images to measure enhanced ice loss over the recent years, by comparing this to the previous two decades; we can clearly demonstrate that global warming is hitting Icelandic ice caps.

Where

Iceland: Vatnajökull, Langjökull, Hofsjökull, and Mýrdalsjökull ice caps

Who



Planet Action is a non-profit initiative launched by Spot Image and joined by participating partners.

www.planet-action.org

