

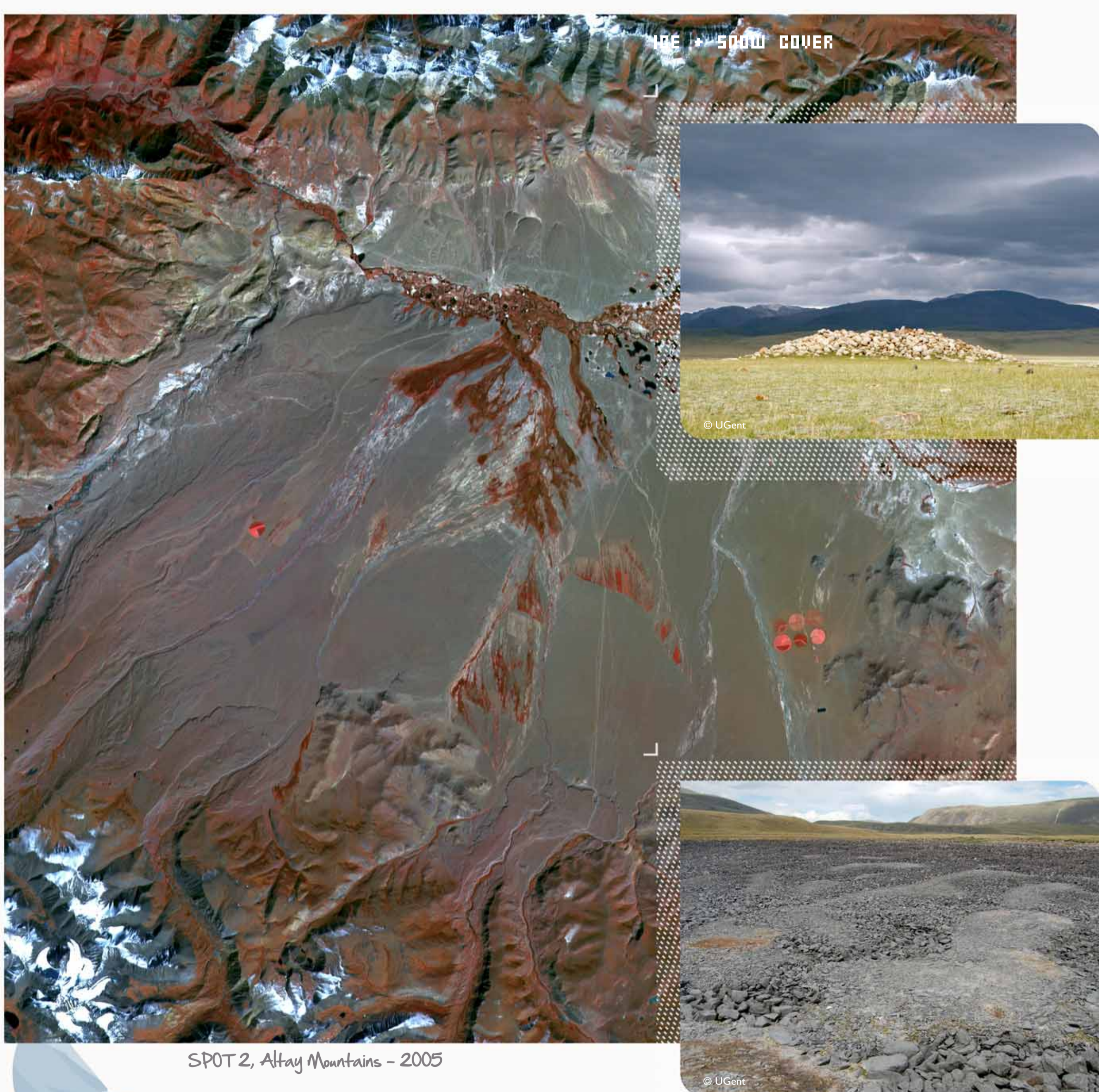


PLANET ACTION
Spot the impacts, engage in action

Modeling and Monitoring Mountain Permafrost

Ghent University, Russia

Earth Observation and GIS communities fighting the climate crisis



Why

As Climate Change is affecting the "frozen tombs of Altai", the project aims at understanding where permafrost might be disappearing.

What for

- Estimate the current permafrost distribution.
- Establish a model to assess the vulnerability of the kurgans.
- Calculate the "defrost-point".

Results

As final results we hope to obtain a high resolution permafrost distribution map, together with a time-dependent schedule of frozen tombs' thawing.

Where

Russia: Altay Mountains

Who



Team

- UNESCO
- Gorno Altaisk State University



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

www.planet-action.org

