

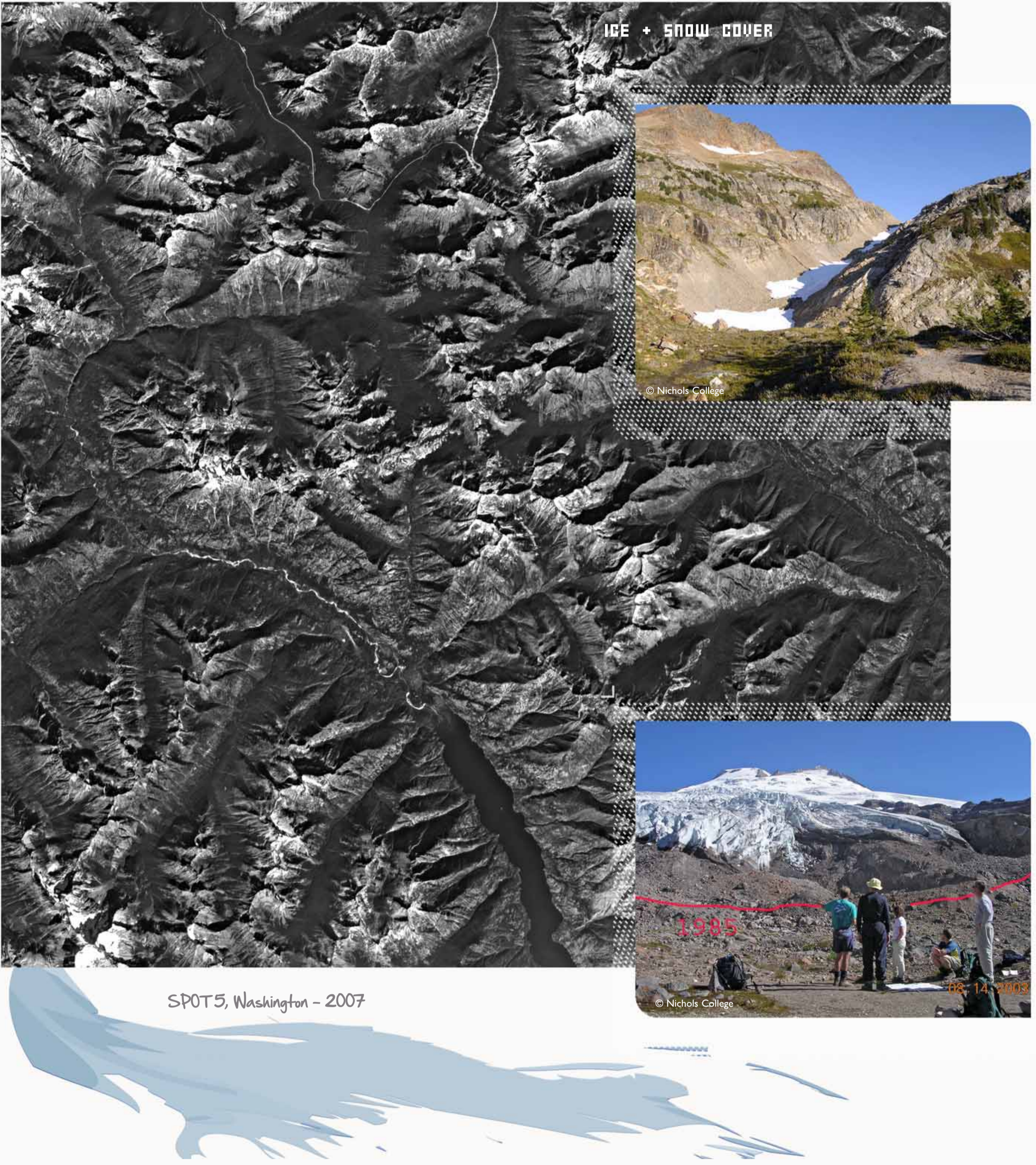


PLANET ACTION
Spot the impacts, engage in action

Glacier Disequilibrium

NICHOLS COLLEGE, USA

Earth Observation and GIS communities fighting the climate crisis



Why

Glaciers experiencing significant thinning are in disequilibrium and will not survive current climate.

What for

- Identify the equilibrium of the glaciers by field observations of their mass balance.
- Measure their real extent change using satellite imagery.

Results

- Glaciers in equilibrium versus disequilibrium distinguished.
- A model of the past 50 years of glacier history created.
- A timeline for future reduction in number and area of glaciers with current climate determined.

Where

US: North Cascade - Washington State and Wind Rover glaciers - Wyoming

Who



Team

- Texas A&M University



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

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