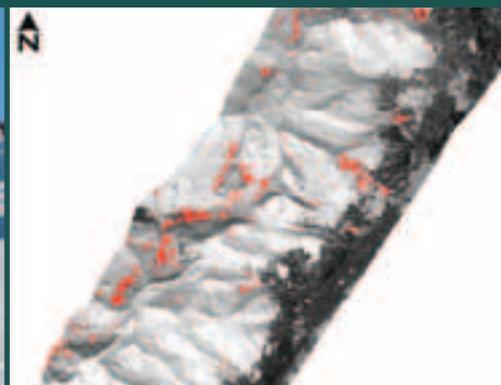


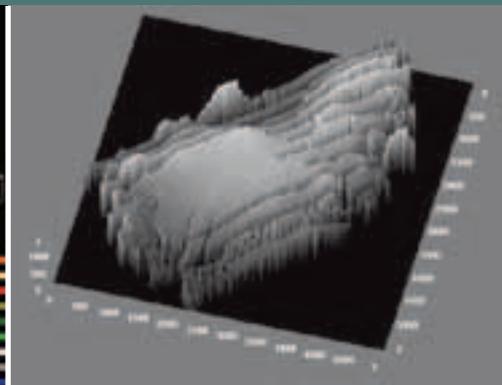
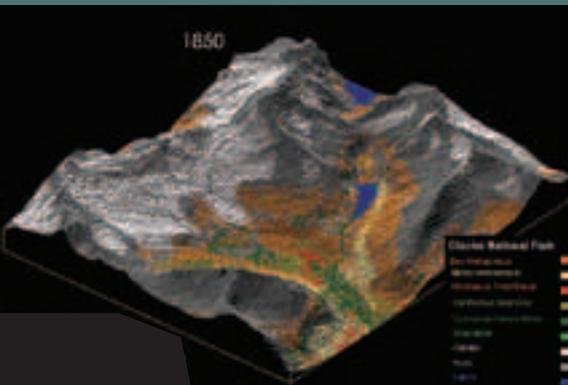
# GLACIOLOGY

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About three-quarters of the Earth's fresh water is held in ice sheets and mountain glaciers, so recognizing glacial changes is crucial to monitoring water supplies. Glaciers serve as a natural regulator of regional water supplies. Global climate change has already had observable effects on the environment. Glaciers have shrunk, ice on rivers and lakes is breaking up earlier. Effects that scientists had predicted in the past would result from global climate change are now occurring, hundreds of Glaciers have disappeared in the last century and several glaciers are melting at an alarming rate.





Receding and wasting glaciers are a telltale sign of global climate change. As glaciers are sensitive to the temperature and precipitation changes, scientists track glacial change by measuring individual glaciers and comparing their size over time with records of the local and regional climate. Approximately 160,000 glaciers occupy the Earth's polar regions and high mountain environments. Glaciers within the same region can react differently to environmental changes. It is therefore important to not only to study the extent of Glaciers but also their physical properties and the impact of environmental changes on them.

In association with our overseas principals we help achieve this objective by offering comprehensive suite of equipment and services in the field of Glacial Geomorphology, Glacier Remote Sensing, Ice Core Studies, Glacier Geophysics and Glacier Modeling , which include, but are not limited to Airborne surveys ( LiDAR, Hyperspectral, Aerial Large Format Digital Camera), Snow Drift Monitoring System, Ground Penetrating Radar, Automatic Weather Stations, UTM for Snow samples, Acoustic Emission System, Radiation Instrument for Snow application, Coring samplers etc.

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