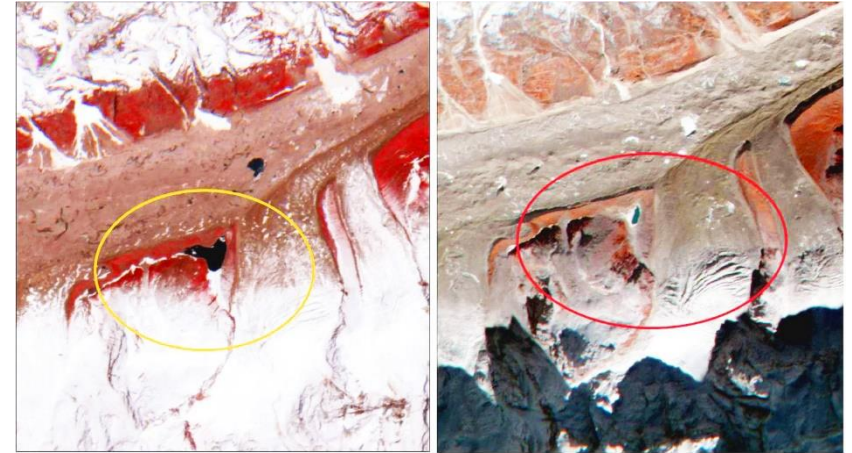


## Mapping and Monitoring of Surface Water Bodies Using Satellite and Ground-based Methods

The **Uttarakhand Space Application Centre (USAC)** is executing a project titled “Mapping and Monitoring of Surface Water Bodies using Satellite and Ground-based Methods” which is conceptualized and funded by the State Government. This project aims to generate accurate data about Surface water including its presence, spatial extent, and temporal changes, to enhance water resource management in Uttarakhand.

### Key Objectives:

- **Mapping and Monitoring** of surface water bodies using both satellite and ground-based methods at a 1:10 K.
- Mapping and monitoring of snow cover and major glaciers of Alaknanda, Bhagirathi, and Yamuna River basins.
- Temporal change analysis will be carried out at three-year intervals.



### Beneficiaries:

- **Jal Sansthan, Research & Development organizations, State Line Departments**

### Benefits

Sustainable Management of water resources for Uttarakhand

### How to Apply

For more details may visit to USAC's official website 'www-u-sac-uk-gov-in'



**Benefits**

Sustainable Management of water resources for Uttarakhand

**How to Apply**

For more details may visit to USAC's official website '[www-u-sac-uk-gov-in](http://www-u-sac-uk-gov-in)'