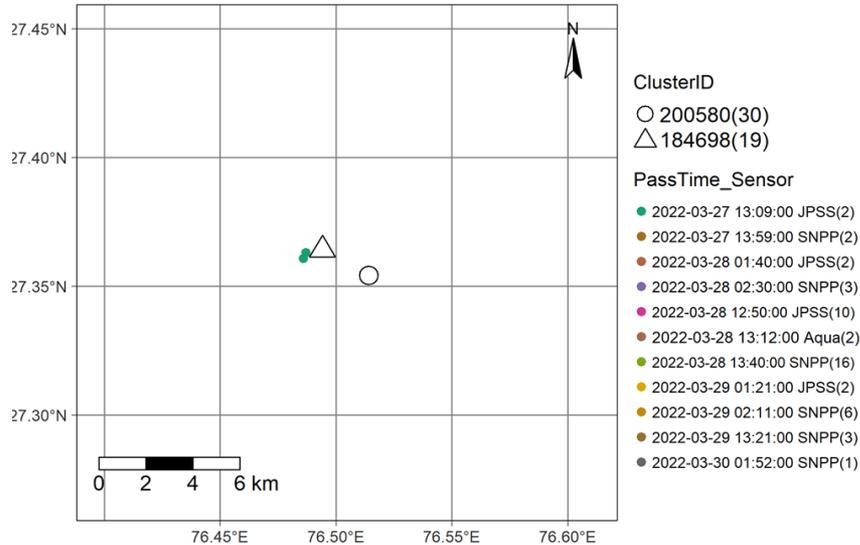


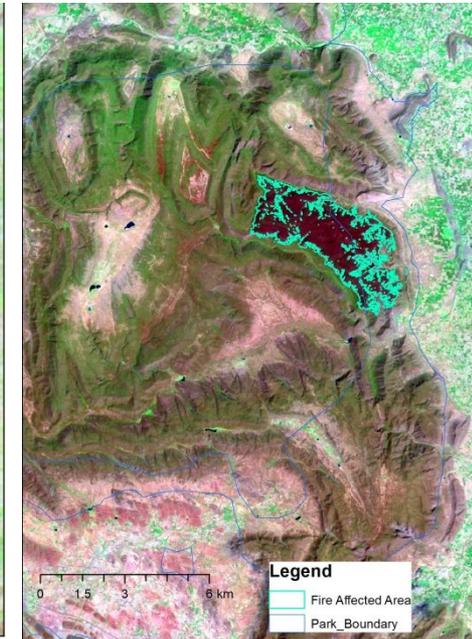
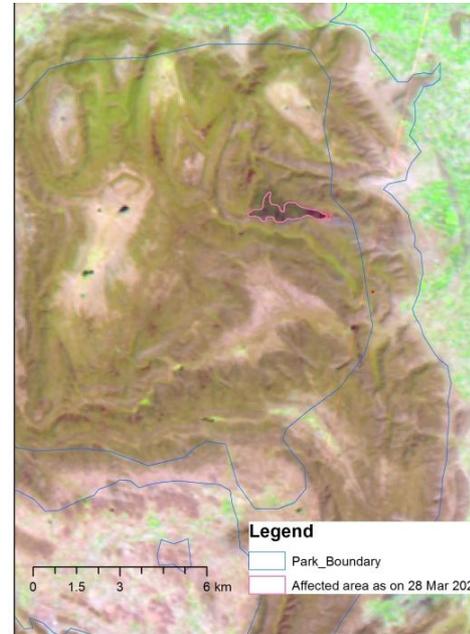
Monitoring of Sariska forest fires, March 2022

Long Duration Fire Events (LDFE) from active fire locations

Pass wise Animation of fire activity
Sariska LDFE Event Mar 2022



Active fire alerts and fire affected area



- LDFE are identified by detecting spatial and temporal continuity in active fire detections across passes, using all available sensors. A cluster is deemed in active when no active fires are observed over four successive passes or 18 hours. LDFE identification is automated
- The fire event was first observed on 27th March and fire activity continued till 30th March 2022
- Fire affected area was estimated using IRS AWiFS data of 28th Mar 2022.
- A rapid assessment using an automated machine learning approach applied to Sentinel-2 data of 30th March 2022 detected 11.30 sq km of fire affected area
- The LDFE clusters are to alert fire managers of persistent/ continued at a location
- The LDFE is also intended to be a trigger for automated fire affected area estimation using image based data
- The LDFE and automated burned area system is in development and area figures are subject to refinement

