



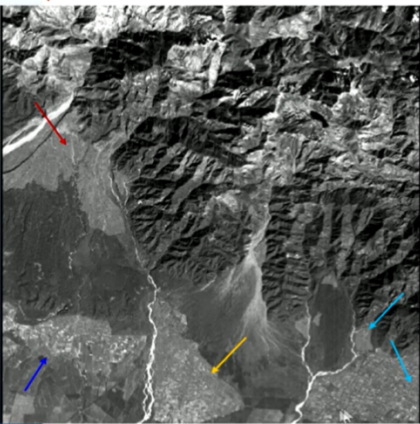
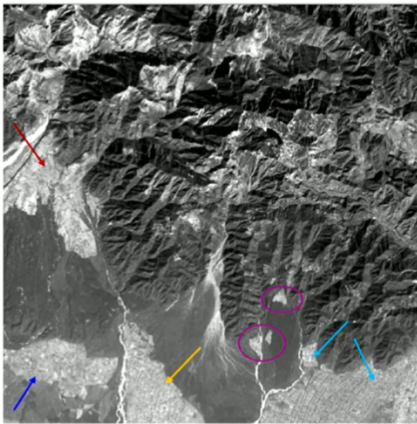
# DAILY ASSESSMENT FORMAT

Date:	01 JULY 2020	Name:	HARSHITHA H
Course:	IIRS Outreach program on Satellite Photogrammetry and its Applications	USN:	4AL18EC020
Topic:	Concepts of Satellite photogrammetry	Semester & Section:	IV SEM & A SECTION
Github Repository:	harshithah		

## Image of session


**INDIAN INSTITUTE OF REMOTE SENSING, DEHRADUN**




Across Track stereo imaging: Differences in radiometric characteristics

Date of acquisition: 28-JAN-1997

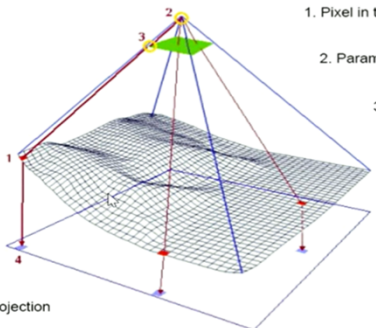
Date of acquisition: 26-NOV-96

IRS 1C/1D PAN stereo pair- Nainital, Uttarakhand, India


**INDIAN INSTITUTE OF REMOTE SENSING, DEHRADUN**


Press Esc to exit full screen

Orthorectification process of remote sensed Image data



1. Pixel in the DEM (Height)
2. Parameters in the Exterior Orientation
3. In the image, a Brightness Value is determined based on the resampling of surrounding pixels
4. Height, Exterior Orientation information and Brightness Value used to calculate equivalent location in the orthoimage

Orthographic Projection  
www.satimagingcorp.com

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REPORT:

# **IIRS OUTREACH PROGRAM ON SATELLITE PHOTOGRAMMETRY AND ITS APPLICATIONS**

## **Concepts of Satellite Photogrammetry**

- **Hardware components of digital photogrammetric workflow**
- **Software requirements of digital photogrammetric workflow**
- **Advantages of imaging from space**
- **General workflow**
- **Data processing**
- **3 empirical rules of planetary motion**
- **Topographic mapping**