

NPTEL Video Lecture Topic List - Created by LinuXpert Systems, Chennai

NPTEL Video Course - Civil Engineering - NOC:Photogeology In Terrain Evaluation

Subject Co-ordinator - Prof. Javed N. Malik

Co-ordinating Institute - IIT - Kanpur

Sub-Titles - Available / Unavailable | MP3 Audio Lectures - Available / Unavailable

- Lecture 1 - Introduction to Remote Sensing - Photogeology
- Lecture 2 - Introduction to Remote Sensing - Photogeology
- Lecture 3 - Fundamental Principle in Remote Sensing
- Lecture 4 - Aerial Photography
- Lecture 5 - Stereo-photos and their Importance
- Lecture 6 - Photo-interpretation Techniques
- Lecture 7 - Photogrammetry and its Significance
- Lecture 8 - Sensors, Cameras and Panchromatic Data
- Lecture 9 - Stereoscopy and Methods
- Lecture 10 - Relief Displacement on Aerial Photographs
- Lecture 11 - Fluvial Processes and Landforms
- Lecture 12 - Geomorphology of River Channels
- Lecture 13 - Drainage Basins and their Features
- Lecture 14 - Morphometric Parameters of Fluvial Channels
- Lecture 15 - Drainage Patterns and their Morphology
- Lecture 16 - Determination of Flightline (Lab)
- Lecture 17 - Determination of Flightline (Lab)
- Lecture 18 - Exercise on Relief Displacement
- Lecture 19 - Exercise on Stereoscopic Parallax
- Lecture 20 - Exercise on Stereoscopic Parallax
- Lecture 21 - Generation of Digital Elevation Model and Anaglyph

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