

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

NPTEL Video Course - Civil Engineering - NOC:Geomorphology

Subject Co-ordinator - Prof. Pitambar Pati

Co-ordinating Institute - IIT - Roorkee

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

- Lecture 1 - Introduction to Geomorphology and Concept of Time Scale in a Geomorphic System
- Lecture 2 - Process of Landform Development
- Lecture 3 - Energy Flow in Geomorphic System and Role of Uniformitarianism Vs Catastrophism
- Lecture 4 - Landform Development - Equilibrium and Evolution
- Lecture 5 - Process Geomorphology - I
- Lecture 6 - Process Geomorphology - II
- Lecture 7 - Weathering and soil Formation Introduction - I
- Lecture 8 - Weathering and soil Formation Introduction - II
- Lecture 9 - Weathering and Soil Formation (Types of Weathering)
- Lecture 10 - Weathering and Soil Formation (Mechanical Weathering)
- Lecture 11 - Weathering and Soil Formation (Mechanical and Chemical Weathering)
- Lecture 12 - Weathering and Soil Formation (Chemical and Biological Weathering)
- Lecture 13 - Weathering of Silicate rocks and Weathering Products
- Lecture 14 - Factors of Weathering
- Lecture 15 - Soil Formation
- Lecture 16 - Soil Formation Processes
- Lecture 17 - Soil Classification
- Lecture 18 - Mass Wasting
- Lecture 19 - Classification of Mass Wasting - I
- Lecture 20 - Classification of Mass Wasting - II
- Lecture 21 - Hill Slope Evolution - I
- Lecture 22 - Hill Slope Evolution - II
- Lecture 23 - Arid Zone Geomorphology
- Lecture 24 - Landforms in Dry Region
- Lecture 25 - Pediment Evolution
- Lecture 26 - Aeolian Processes and Landforms - I
- Lecture 27 - Aeolian Processes and Landforms - II
- Lecture 28 - Wind Erosional Landforms - I
- Lecture 29 - Wind Erosional Landforms - II

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- Lecture 30 - Dune Classification - I
- Lecture 31 - Dune Classification - II
- Lecture 32 - Coastal Geomorphology - I
- Lecture 33 - Coastal Geomorphology and Landforms
- Lecture 34 - Coastal Geomorphology - II
- Lecture 35 - Coastal Geomorphology - III
- Lecture 36 - Shoreline Platform
- Lecture 37 - Coastal Geomorphology - IV
- Lecture 38 - Coastal Geomorphology - V
- Lecture 39 - Coastal Geomorphology - VI
- Lecture 40 - Coastal Geomorphology - VII
- Lecture 41 - Coastal Geomorphology - VIII
- Lecture 42 - Coastal Geomorphology - IX
- Lecture 43 - Tectonic Geomorphology
- Lecture 44 - Fluvial Process
- Lecture 45 - Fluvial Process - I
- Lecture 46 - Fluvial Process - II
- Lecture 47 - Fluvial Process - III
- Lecture 48 - Fluvial Process - IV
- Lecture 49 - Fluvial Process - V and Drainage Analysis
- Lecture 50 - Fluvial Process - VI and Drainage Analysis
- Lecture 51 - Fluvial Geomorphology River System - I
- Lecture 52 - Fluvial Geomorphology River System - II
- Lecture 53 - Glacial Geomorphology - I
- Lecture 54 - Glacial Geomorphology - II (Valley Glacier)
- Lecture 55 - Glacial Geomorphology - III
- Lecture 56 - Glacial Geomorphology - IV (Geomorphic Changes by Glacier)
- Lecture 57 - Exploration Geomorphology in Oil field Sandbody Geometry - I
- Lecture 58 - Exploration Geomorphology in Oil Field Sandbody Geometry - II
- Lecture 59 - Seismic Geomorphology - I
- Lecture 60 - Seismic Geomorphology - II