



NITH  
PDP

16



## Socio-ecological Resilience in Hills



Image Source: NITH

### **Description of course**

#### **Aim:**

To disseminate the importance of Socio-ecological Resilience in Hills

#### **Course Objectives:**

To disseminate the knowledge with respect to social and ecological parameters of resilience.

To edify a group of professional about community Resilience.

#### **Learning Outcomes:**

Upon successful completion of the course, the participants will be able to

Understanding the fundament of social ecological resilience and related risk

Risk assessment and vulnerability in Hills

Role of Watershed Management in Social ecological resilience



## Course Structure

### **Course Duration:**

05 days

### **Course Frequency:**

The course is designed for professionals in the field of architecture and planning and is part of the resilient dissemination series through five distinct conceptualized PDP's.

### **Course Format:**

SI No	Topic to be covered	Remarks
1	Lecture series and group discussions on types of resilience.	4 hours
2	Lecture series and group discussions on vulnerability analysis of Himachal.	4 hours
3	Lecture series and group discussions on Building construction techniques.	4 hours
4	Lecture series and group discussions on community resilience in Himachal	4 hours
5	Lecture series and group discussions on community resilience in Himachal	4 hours

## Course Content

### **Prerequisites for Participation:**

Professional, academicians and participants from the reputed institutes and industry. Members of govt. bodies and NGO's working in the field of capacity building, Disaster management and resilience.

### **Course Syllabus:**

SI No	Day	Topic
1	Day 1	Role of Watershed Management in Social ecological Resilience
2		Understanding Resilience-The Social Construct
3	Day 2	Social Economic Assessment of Buildings
4		Hazard Vulnerability of Himachal Pradesh
5	Day 3	Role of Disaster Management in Community Resilience
6		Membrane Technology for Water Treatment and Reclamation
7	Day 4	Natural Order, Integral Humanism and Socio-economic Resilience



8		Virtual Site Visit-Community Participation
9	Day 5	Impact of Tourism on Ecological Resilience
10		Feedback and Discussion Session

### **Course Assignments:**

*There are no course assignments for this PDP. Participation and learning are the key outcomes*

### **Expected Time Spent on Course:**

Time spent in hours: 25 hours

Time spent in ECTS (European Credit Transfer and Accumulation System): 1 ECTS

### **Course Grading**

#### **Assessment Criteria and Distribution of Marks:**

Participation and learning were the key factors considered for the PDP.

There were no marked assignments/ exercise as part of the PDP.

### **Course Evaluation**

#### **Evaluation Procedure & Criteria:**

*Based upon the common evaluation Performa prepared by WP4 leader institutes*

#### **Faculty Evaluation:**

*Feedback attached and submitted for the course to WP3 and WP4 leader institutes*

#### **Participant Evaluation:**

*There was no evaluation in this course. The participants were encouraged to participate and learn.*