

**Natural Resource Management Education-**

**Forestry, Agriculture and Agroforestry for  
sustainable Natural Resource Management  
Education: role in Restoration**

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## **Courses taught related to NRM aspects (Forestry & Agriculture education):**

- Forest Hydrology and Watershed Management
- Forest Ecology & Biodiversity
- Climate Science
- Forestry Work Experience (FOWE)
- Restoration Ecology
- Soil Conservation and Management
- Agrobiodiversity conservation and Management
- Ecosystem Services

# Restoration- Forestry, Agriculture & Agroforestry

Soil conservation

Water conservation & regulation

Biodiversity (Agrobiodiversity, germplasm and micro-faunal)

Carbon Sequestration potential

Air purification ability

Organic matter and nutrient availability

Soil reclamation nature

Religious / Sacred value

Pollination and understanding its value

Ecotourism and biodiversity conservation nature of tree

Nodulation of tree with nitrogen fixing tree

# Important points to be considered for Restoration

- Plant species diversity conservation
- Understanding natural forest formation
- Pollination and pollinators- role of insects
- Agrobiodiversity conservation and management
- Traditional system management
- Carbon and Climate Change