

1. What are Mitigative Measures in Rehabilitation policy.
2. What role do international organizations play in natural resource management in Asia?
3. Explain In situ method of Biodiversity Conservation.
4. What is the role of community participation in natural resource management?
5. How can Nanofiltration method help in the water scarcity problem of Asian Countries?
6. Name one challenge in implementing resettlement policies.

1. Mitigative Measures in Rehabilitation Policy

Mitigative measures in rehabilitation policies aim to reduce the negative impacts of displacement and ensure the well-being of affected individuals. These include:

- Providing fair compensation and alternative housing.
 - Offering livelihood restoration programs, such as skill development and employment opportunities.
 - Ensuring access to basic services like education, healthcare, and sanitation.
 - Protecting the cultural and social integrity of displaced communities.
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2. Role of International Organizations in Natural Resource Management in Asia

International organizations play a vital role by:

- **Funding and Expertise:** Providing financial aid and technical expertise for sustainable projects (e.g., Asian Development Bank supports renewable energy projects).
 - **Promoting Collaboration:** Facilitating cross-border cooperation on shared resources, such as river basins (e.g., Mekong River Commission).
 - **Capacity Building:** Training local communities and governments in sustainable practices.
 - **Monitoring and Advocacy:** Monitoring resource usage and advocating for conservation and equitable use.
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3. In-situ Method of Biodiversity Conservation

In-situ conservation involves protecting species in their natural habitats to ensure the survival of ecosystems.

- Examples: National parks, wildlife sanctuaries, and biosphere reserves.
 - Benefits:
 - Maintains ecological balance by preserving species interactions.
 - Protects entire ecosystems and genetic diversity.
 - Example: The Gir National Park in India protects the Asiatic Lion.
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4. Role of Community Participation in Natural Resource Management

Community participation is crucial as it:

- **Enhances Local Knowledge:** Utilizes traditional knowledge for resource conservation.
 - **Fosters Stewardship:** Involves locals in decision-making, creating a sense of ownership.
 - **Improves Efficiency:** Promotes sustainable use of resources through collective action.
 - **Example:** The Joint Forest Management (JFM) program in India involves communities in forest protection and regeneration.
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5. Nanofiltration Method and Water Scarcity in Asian Countries

Nanofiltration (NF) is a membrane filtration method that removes salts, contaminants, and impurities from water.

- **Applications:**
 - Desalination of brackish water for drinking purposes.
 - Treating wastewater for reuse in agriculture and industry.
 - **Advantages:**
 - Reduces dependency on freshwater sources.
 - Energy-efficient compared to reverse osmosis.
 - **Example:** NF systems are used in countries like India and China for water treatment in urban and rural areas.
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6. One Challenge in Implementing Resettlement Policies

Challenge: Ensuring equitable compensation and livelihood restoration for displaced people.

- Many affected communities face delays or insufficient support in rebuilding their lives.
- Example: In large infrastructure projects, displaced individuals often lack adequate skills to adapt to new economic opportunities, leading to long-term socioeconomic challenges.