

Construction of Protection Areas

Protected area;

- **Clearly defined geographical space, recognised, dedicated and managed through legal or other effective means, to achieve the long term conservation of nature with associated ecosystem services and cultural values (IUCN 2008)**

- The most effective way of protection of whole biodiversity is to choose the areas that are healthy and compact ecosystem.

Construction and Classification of Protected Areas

What are the most common methods for protected area construction?

Category	Aims
Ia: Strict Nature Reserve	Protected areas that are strictly set aside to protect biodiversity and also possibly geological/geomorphological features, where human visitation, use and impacts are strictly controlled and limited to ensure protection of the conservation values. Such protected areas can serve as indispensable reference areas for scientific research and monitoring.
Ib: Wilderness Area	Protected areas that are usually large unmodified or slightly modified areas, retaining their natural character and influence, without permanent or significant human habitation, which are protected and managed so as to preserve their natural condition.
II National Park	Large natural or near natural areas set aside to protect large-scale ecological processes, along with the complement of species and ecosystems characteristic of the area, which also provide a foundation for environmentally and culturally compatible spiritual, scientific, educational, recreational and visitor opportunities.
III Natural Monument or Feature	Protected areas set aside to protect a specific natural monument, which can be a landform, sea mount, submarine cavern, geological feature such as a cave or even a living feature such as an ancient grove. They are generally quite small protected areas and often have high visitor value.
IV: Habitat/Species Management Area	Protected areas aiming to protect particular species or habitats and management reflects this priority. Many category IV protected areas will need regular, active interventions to address the requirements of particular species or to maintain habitats, but this is not a requirement of the category.
V Protected Landscape/ Seascape	A protected area where the interaction of people and nature over time has produced an area of distinct character with significant ecological, biological, cultural and scenic value: and where safeguarding the integrity of this interaction is vital to protecting and sustaining the area and its associated nature conservation and other values.
VI Protected area with sustainable use of natural resources	Protected areas that conserve ecosystems and habitats, together with associated cultural values and traditional natural resource management systems. They are generally large, with most of the area in a natural condition, where a proportion is under sustainable natural resource management and where low-level non-industrial use of natural resources compatible with nature conservation is seen as one of the main aims of the area.

Sea Protection Areas

The economical, ecological, cultural and social benefits of protected areas;

1. Provide habitats for threaten species
2. Protects food sources and needs of human
3. Helps to protect cultural, architectural and traditional characteristics
4. Tey provide the main fresh water for dirinking
5. Sustainable use of protected areas provide new job opportunities for native people.

6. Decrease the risk of flood and erosion
7. Examples of the most successful sustainable development
8. Recreation
10. Provide relationships between neighbouring countries
11. Important tools to understand the global climate change.

Creation of new protection areas

Protect what?

- **Privilage**
- **Vulnerability**
- **Usability**

Determination of protected areas

Species approach

Ecosystem approach

Hotspot approach

- **Gap analysis**

A tool used in wildlife conservation to identify gap in conservation lands or other wildlands where significant plant and animal species and their habitat or important ecological features occur.