**Economic Valuation of Ecosystem Services in IW-Projects: Training Materials on the systematic integration of the economic valuation of ecosystem services into the TDA/SAP methodology**

Session 3: Checklist for Tier 2 Economic Valuations

Refers to Section III of the Guidance Document

Handout for the participants

MATRIX C1 - Freshwater Ecosystems

|  |  |  |  |
| --- | --- | --- | --- |
| **Ecosystems services/Ecosystem**  | **Rivers** | **Lakes** | **Other inland wetlands** |
| **Size/area** |  ha | ha  | ha |
| **Food** | Y | Y | Y |
| **Genetic Resources** | Y | Y | Y |
| **Medicinal Resources** | Y | Y | Y |
| **Fiber, timber, fuel** | N | N | Y |
| **Water (drinking, irrigation, cooling)** | Y | Y | N |
| **Air quality regulation** | N | N | Y |
| **Climate regulation** | N | N | Y |
| **Moderation of extreme events** | N | N | Y |
| **Water treatment** | N | N | Y |
| **Erosion prevention** | N | N | Y |
| **Nutrient cycling and maintenance of soil fertility** | Y | Y | Y |
| **Maintenance of life cycles of migratory species** | Y | Y | Y |
| **Maintenance of genetic diversity** | Y | Y | Y |
| **Opportunities for Tourism/Recreation** | Y | Y | Y |
| **Aesthetic Information, Inspiration, Spiritual Experience and Education** | Y | Y | Y |

Note: brackish/transitional waters are listed under marine ecosystems.

MATRIX C2 - Marine Ecosystems

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Ecosystems services/Ecosystem**  | **Marine/open sea**  | **Estuaries/marshes**  | **Salt ponds/lagoons** | **Mangroves** | **Beaches/dunes** | **Seagrass beds/meadows** | **Coral reefs/atolls** |
| **Size/area** | ha | ha | ha | ha | ha | ha | ha |
| **Food** | Y | Y | Y | Y | Y | Y | Y |
| **Genetic Resources** | Y | Y | Y | Y | Y | Y | Y |
| **Medicinal Resources** | Y | Y | Y | Y | N | N | Y |
| **Fiber, timber, fuel** | N | Y | Y | Y | N | N | N |
| **Water (drinking, irrigation, cooling)** | N | Y | Y | N | N | N | N |
| **Climate regulation** | Y | Y | N | Y | N | Y | Y |
| **Moderation of extreme events** | Y | Y | Y | Y | Y | Y | Y |
| **Water treatment** | Y | Y | Y | Y | N | Y | Y |
| **Erosion prevention** | N | Y | Y | Y | Y | Y | Y |
| **Nutrient cycling and maintenance of soil fertility** | Y | Y | Y | Y | N | Y | Y |
| **Maintenance of life cycles of migratory species** | Y | Y | Y | Y | Y | Y | Y |
| **Maintenance of genetic diversity** | Y | Y | Y | Y | Y | Y | Y |
| **Opportunities for Tourism/Recreation** | Y | Y | Y | Y | Y | N | Y |
| **Aesthetic Information, Inspiration, Spiritual Experience and Education** | Y | Y | Y | Y | Y | Y | Y |