

| CICES V4.3 | | | | | | | |
|--|---|--|---|--|------------|---|--|
| Section | Division | Group | Class | Code | | | |
| 1. Provisioning | 1. Nutrition | 1. Biomass | 1. Cultivated crops | 1.1.1.1 | | | |
| | | | 2. Reared animals and their outputs | 1.1.1.2 | | | |
| | | | 3. Wild plants, algae and their outputs | 1.1.1.3 | | | |
| | | | 4. Wild animals and their outputs | 1.1.1.4 | | | |
| | | | 5. Plants and algae from in-situ aquaculture | 1.1.1.5 | | | |
| | | | 6. Animals from in-situ aquaculture | 1.1.1.6 | | | |
| | 2. Water | | | 1. Surface water for drinking | 1.1.2.1 | | |
| | | | | 2. Ground water for drinking | 1.1.2.2 | | |
| | | | | 2. Materials | 1. Biomass | 1. Fibres and other materials from plants, algae and animals for direct use or processing | 1.2.1.1 |
| | | | | | | 2. Materials from plants, algae and animals for agricultural use | 1.2.1.2 |
| | | | | | | 3. Genetic materials from all biota | 1.2.1.3 |
| | | | | | 2. Water | | 1. Surface water for non-drinking purposes |
| | 2. Ground water for non-drinking purposes | 1.2.2.2 | | | | | |
| | 3. Energy | 1. Biomass-based energy sources | 1. Plant-based resources | 1.3.1.1 | | | |
| | | | 2. Animal-based resources | 1.3.1.2 | | | |
| 2. Mechanical energy | | 1. Animal-based energy | 1.3.2.1 | | | | |
| 2. Regulation & Maintenance | 1. Mediation of waste, toxics and other nuisances | 1. Mediation by biota | 1. Bio-remediation by micro-organisms, algae, plants, and animals | 2.1.1.1 | | | |
| | | | 2. Filtration/sequestration/storage/accumulation by micro-organisms, algae, plants, and animals | 2.1.1.2 | | | |
| | | 2. Mediation by ecosystems | 1. Filtration/sequestration/storage/accumulation by ecosystems | 2.1.2.1 | | | |
| | | | 2. Dilution by atmosphere, freshwater and marine ecosystems | 2.1.2.2 | | | |
| | | | 3. Mediation of smell/noise/visual impacts | 2.1.2.3 | | | |
| | | 2. Mediation of flows | 1. Mass flows | 1. Mass stabilisation and control of erosion rates | 2.2.1.1 | | |
| | 2. Buffering and attenuation of mass flows | | | 2.2.1.2 | | | |
| | 2. Liquid flows | | 1. Hydrological cycle and water flow maintenance | 2.2.2.1 | | | |
| | | | 2. Flood protection | 2.2.2.2 | | | |
| | 3. Gaseous / air flows | | 1. Storm protection | 2.2.3.1 | | | |
| | | | 2. Ventilation and transpiration | 2.2.3.2 | | | |
| | 3. Maintenance of physical, chemical, biological conditions | 1. Lifecycle maintenance, habitat and gene pool protection | 1. Pollination and seed dispersal | 2.3.1.1 | | | |
| | | | 2. Maintaining nursery populations and habitats | 2.3.1.2 | | | |
| | | 2. Pest and disease control | 1. Pest control | 2.3.2.1 | | | |
| | | | 2. Disease control | 2.3.2.2 | | | |
| | | 3. Soil formation and composition | 1. Weathering processes | 2.3.3.1 | | | |
| | | | 2. Decomposition and fixing processes | 2.3.3.2 | | | |
| | | 4. Water conditions | 1. Chemical condition of freshwaters | 2.3.4.1 | | | |
| | | | 2. Chemical condition of salt waters | 2.3.4.2 | | | |
| | | 5. Atmospheric composition and climate regulation | 1. Global climate regulation by reduction of greenhouse gas concentrations | 2.3.5.1 | | | |
| | | | 2. Micro and regional climate regulation | 2.3.5.2 | | | |
| | 3. Cultural | 1. Physical and intellectual interactions with biota, ecosystems, and land-/seascapes [environmental settings] | 1. Physical and experiential interactions | 1. Experiential use of plants, animals and land-/seascapes in different environmental settings | 3.1.1.1 | | |
| | | | | 2. Physical use of land-/seascapes in different environmental settings | 3.1.1.2 | | |
| | | | 2 Intellectual and representative interactions | 1. Scientific | 3.1.2.1 | | |
| | | | | 2. Educational | 3.1.2.2 | | |
| | | | | 3. Heritage, cultural | 3.1.2.3 | | |
| | | | | 4. Entertainment | 3.1.2.4 | | |
| 5. Aesthetic | | 3.1.2.5 | | | | | |
| 2. Spiritual, symbolic and other interactions with biota, ecosystems, and land-/seascapes [environmental settings] | | 3. Spiritual and/or emblematic | 1. Symbolic | 3.2.3.1 | | | |
| | | | 2. Sacred and/or religious | 3.2.3.2 | | | |
| | | 4. Other cultural outputs | 1. Existence | 3.2.4.1 | | | |
| 2. Bequest | | | 3.2.4.2 | | | | |

Accompanying classification of abiotic outputs from natural systems (Provisional)

| Section | Division | Group | Examples |
|---|---|---|---|
| Abiotic Provisioning | Nutritional abiotic substances | Mineral | e.g. salt |
| | | Non-mineral | e.g. sunlight |
| | Abiotic materials | Metallic | e.g. metal ores |
| | | Non-metallic | e.g. minerals, aggregates, pigments, building materials (mud/clay) |
| | Energy | Renewable abiotic energy sources | e.g. wind, waves, hydropower |
| | | Non-renewable energy sources | e.g. coal, oil, gas |
| Regulation & Maintenance by natural physical structures and processes | Mediation of waste, toxics and other nuisances | By natural chemical and physical processes | e.g. atmospheric dispersion and dilution; adsorption and sequestration of waters in sediments; screening by natural physical structures |
| | Mediation of flows by natural abiotic structures | By solid (mass), liquid and gaseous (air) flows | e.g. protection by sand and mud flats; topographic control of wind erosion |
| | Maintenance of physical, chemical, abiotic conditions | By natural chemical and physical processes | e.g. land and sea breezes; snow |
| Cultural settings dependent on abiotic structures | Physical and intellectual interactions with land-/seascapes [physical settings] | By physical and experiential interactions or intellectual and representational interactions | e.g. caves |

| | | | |
|--|---|---------|--|
| | Spiritual, symbolic and other interactions with land-/seascapes [physical settings] | By type | e.g. sacred rocks or other physical structures or spaces |
|--|---|---------|--|