

Part II. Ecological Integrity



Principles

5. **Protect and restore the integrity of Earth's ecological systems, with special concern for biological diversity and the natural processes that sustain life.**
 - a. Adopt at all levels sustainable development plans and regulations that make environmental conservation and rehabilitation integral to all development initiatives.
 - b. Establish and safeguard viable nature and biosphere reserves, including wild lands and marine areas, to protect Earth's life support systems, maintain biodiversity, and preserve our natural heritage.
 - c. Promote the recovery of endangered species and ecosystems.
 - d. Control and eradicate non-native or genetically modified organisms harmful to native species and the environment, and prevent introduction of such harmful organisms.
 - e. Manage the use of renewable resources such as water, soil, forest products, and marine life in ways that do not exceed rates of regeneration and that protect the health of ecosystems.
 - f. Manage the extraction and use of non-renewable resources such as minerals and fossil fuels in ways that minimize depletion and cause no serious environmental damage.
6. **Prevent harm as the best method of environmental protection and, when knowledge is limited, apply a precautionary approach.**
 - a. Take action to avoid the possibility of serious or irreversible environmental harm even when scientific knowledge is incomplete or inconclusive.
 - b. Place the burden of proof on those who argue that a proposed activity will not cause significant harm, and make the responsible parties liable for environmental harm.
 - c. Ensure that decision making addresses the cumulative, long-term, indirect, long distance, and global consequences of human activities.
 - d. Prevent pollution of any part of the environment and allow no build-up of radioactive, toxic, or other hazardous substances.
 - e. Avoid military activities damaging to the environment.
7. **Adopt patterns of production, consumption, and reproduction that safeguard Earth's regenerative capacities, human rights, and community well-being.**
 - a. Reduce, reuse, and recycle the materials used in production and consumption systems, and ensure that residual waste can be assimilated by ecological systems.
 - b. Act with restraint and efficiency when using energy, and rely increasingly on renewable energy sources such as solar and wind.
 - c. Promote the development, adoption, and equitable transfer of environmentally sound technologies.
 - d. Internalize the full environmental and social costs of goods and services in the selling price, and enable consumers to identify products that meet the highest social and environmental standards.
 - e. Ensure universal access to health care that fosters reproductive health and responsible reproduction.
 - f. Adopt lifestyles that emphasize the quality of life and material sufficiency in a finite world.
8. **Advance the study of ecological sustainability and promote the open exchange and wide application of the knowledge acquired.**
 - a. Support international scientific and technical cooperation on sustainability, with special attention to the needs of developing nations.
 - b. Recognize and preserve the traditional knowledge and spiritual wisdom in all cultures that contribute to environmental protection and human well-being.
 - c. Ensure that information of vital importance to human health and environmental protection, including genetic information, remains available in the public domain.