

“Sustainability is about ecology, economy and equity”

A photograph of a hand holding a tree branch with several green leaves. The background is a soft, out-of-focus green and yellow gradient. The text is overlaid on this image.

Sustainability is something that improves "The quality of human life while living within the carrying capacity of supporting eco-systems" In ecology, sustainability is the capacity to endure and it is how biological systems remain diverse and productive indefinitely. Healthy ecosystems and environments are necessary to the survival of humans and other organisms. Ways of reducing negative human impact are environmental resources management and environmental protection as well as environmentally-friendly engineering. This is possible along with the information gained from green chemistry, earth science, environmental science and conservation biology. Ecological economics studies the fields of academic research that aim to address human economies and natural ecosystems. Long-lived and healthy wetlands and forests are examples of sustainable biological systems. Sustainability can be explored and managed in various references of time and space and within different contexts of environmental, social and economic order. Thus sustainability is the endurance of systems and processes.