

A Short Review on Various Biodiversity Indices

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Abstract: *A multidimensional assessment of biodiversity can provide insights into the relationships between changes in biodiversity in ecosystem functioning and ecosystem services. The Biodiversity Index is widely used because it is a quick way to distinguish between different places, ecosystems or populations of organisms. This is a count of the total number of species at a given location. Different species have different ecological requirements that allow them to thrive in their ecological niches, which determine the patterns and extent of ecosystem community structure. Various indices were used to assess core community structure, species distribution and interactions to gain insight into overall ecosystem health. In this article, our main goal is to give a brief overview of various biodiversity indices and their applications in various areas related to the environment.*

Keywords: Diversity, Biodiversity, Biodiversity index

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