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عنوان مقاله:

Providing a essay about: study on the spatial pattern of biodiversity caused by implementing agroforestry methods

محل انتشار:

مجله بین المللی تحقیقات پیشرفته زیست شناختی و زیست پزشکی, دوره 1, شماره 1 (سال: 1392)

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خلاصه مقاله:

Forests are biologically diverse systems, representing some of the richest biological areas on Earth. They offer a variety of habitats for plants, animals and micro-organisms. However, forest biodiversity is increasingly threatened as a result of deforestation, fragmentation, climate change and other stressors. Biodiversity is the variation of life forms within a given ecosystem, biome, or on the entire Earth. Hypothesis of this paper is method of investigationin agro biodiversity for conservation biodiversity beside economic products. Biodiversity is often used as a measure of the health of biological systems. The biodiversity found on Earth today consists of many millions of distinct biological species. The year 2010 has been declared as the International Year of Biodiversity. Biodiversity is not distributed evenly on Earth, but is consistently rich in the tropics and in specific localized regions such as the CapeFloristic Province; it is less rich in Polar Regions where fewer species are found. Research on biodiversity has been investigated in the species diversity level. The objective of these researches was to study of every plant dispersion spatially woody plants and biodiversity ofassociated woody species in forests. In addition, type of woody species identified and is documented. Shannon-Wiener ś and Simpson ś diversity indices are used for evaluating of woody species diversity; also, evenness and richness indices will be calculated. For detectingrelationships between diversity indices with richness and evenness, correlation of Simpson s index with its evenness and etc must be analysed. D is Simpson ś index and N2 is N2 HILL that is applied for very abundant species. H is Shannon-Wiener ś index and N1 is McArthur is applied for abundant species. In order to provide a research we can apply every index of biodiversity and spatial pattern formulas to appraisal diversity in agroforestry and other methods such as agro sylvo pasture, aqua forestry and wood culture. In developing countries agroforestry compilation and match of culture in farming must be side conservation on biodiversity.

کلمات کلیدی:

Agroforestry, Biodiversity, Forest

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