عنوان مقاله:

Modeling of Suitability Iranian Oak site for establishing of coppice regeneration in Zagros forest

محل انتشار:

مجله بین المللی تحقیقات پیشرفته زیست شناختی و زیست پزشکی, دوره 6, شماره 3 (سال: 1397)

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خلاصه مقاله:

To modeling of Suitability Iranian Oak site to establish coppice regenerations, chahartagh forest reserve, Ardal region, chaharmehal and Bakhtiari Province, southern Zagros forest, and southwest Iranian state was selected. To modeling Suitability Iranian Oak used the physiographic element, soil depth, climatology and distance from village selected. To this study used the raster formats by pixel size 20 meter and data convert to this size and physiographic and other parameter extracted. The element have negative impact on the Oak condition was negative score. By used the table of score and range of score detected the site condition. Site condition divided the high un-appropriate, un-appropriate, average, appropriate and high appropriate. Results showed that the 40 percent of study area are appropriate and high appropriate condition for established the seed regeneration. Overall Results showed that the approximately of 40 percent of study area have a suitable condition for regeneration. Prevention of livestock grazing and irregular tree cutting in the degraded forest stands can be suggested as a suitable approach for natural restoration and increasing plant diversity and regenerations.

کلمات کلیدی:

Iran, Chaharmehal and Bakhtiari Province, Zagros forest, Iranian oak site