عنوان مقاله:

The Possibility of created the vegetation cover maps in the Central Zagros forest by using the IRS satellite image

محل انتشار:

مجله بین المللی تحقیقات پیشرفته زیست شناختی و زیست پزشکی, دوره 8, شماره 1 (سال: 1392)

تعداد صفحات اصل مقاله: 9

نویسندگان:

Sahar Delpasand - *M.Sc. Student of forestry, University of Yazd, Yazd, Iran*

Maryam Moradnezhadi - *M.Sc. Student of forestry, University of Tehran, Karaj, Iran*

Zahra Hossaini - *M.Sc. Student of forestry, University of Shahrekord, Shahrekord, Iran*

Yousef Askari - *Ph.D student of forestry, University of Shahrekord, Shahrekord, Iran*

خلاصه مقاله:

The preparation of vegetation cover maps by used the land inventory and a traditional method has a lot of cost and time. But today, remote sensing is one of the main sources of data collection and information production for study and monitoring land resources, and was efficient tools for providing quickly and timely data and information needs for program planning in the natural resource filed. In the variety of available remote sensing data the satellite images has a minimum of cost and time for creating vegetation cover maps. The aim of this study is the capability of Liss-III sensor from IRS- P6Resorce satellite forcreating vegetation cover maps in the Chaharmahal and Bakhtiari Province (the area of study site was 34177 ha) in the central zagros forest. By using the different methods includes the creating the color composite, principal component analysis and vegetation index enhancement the satellite image, Then by using the supervised classification method and maximum likelihood function the image was divided into four separate classes.

کلمات کلیدی:

Liss-III sensor, IRS- P6Resorce satellite, vegetation cover maps, supervised classification,maximum likelihood function, Chaharmahal and Bakhtiari Province

لینک ثابت مقاله در پایگاه سیویلیکا:

https://civilica.com/doc/442801