Principal components technique analysis for vegetation and land use discrimination

Instituto de Pesquisas Espaciais - Impact of sample size on principal component analysis ordination of an environmental data set: effects on eigenstructure in: Ekológia (Bratislava) Volume 35 Issue 2 (2016)

Description: -
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Environmental monitoring -- Nevada -- Great Basin National Park.
Riparian ecology -- Nevada -- Great Basin National Park.
Fluvial geomorphology -- Nevada -- Great Basin National Park.
Riparian plants -- Nevada -- Great Basin National Park.
Withholding tax -- Law and legislation -- Germany.
Vegetation.
Land use.
Karhunen-Loeve expansion.
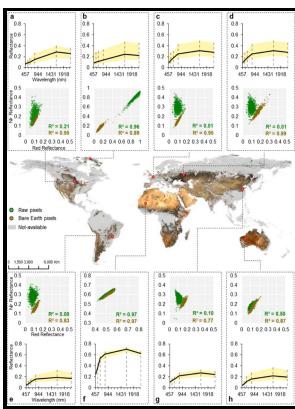Image processing.
Classifications.
Landsat satellites.
Remote sensing -- Brazil.
Principal components analysis.Principal components technique analysis for vegetation and land use discrimination
-
[NASA contractor report -- NASA CR-172808]Principal components technique analysis for vegetation and land use discrimination
Notes: Microfiche. [Washington, D.C. : National Aeronautics and Space Administration], 1984. 1 microfiche.
This edition was published in 1984

Filesize: 32.15 MB

Tags: #[PDF] #Land #Cover #Map #for #Portugal #using #VEGETATION #data

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The algorithm takes into account the information of AVHRR channels 1, 2, 3, 4 and vegetation indices NDVI and MSAVI for the required purpose. Einfache und komplexe statistische Analyse.

Assessing spatio

This showed that a gradient influences the composition of vegetation, which can be explained by the contrast between rhitral and potamal running waters.

10.2. Principal Components

A comparative study of reciprocal averaging and other ordination techniques. Ausgewählte Beispiele für Indikatoreigen-schaften höherer Wasserpflanzen. Canonical correlation analysis as an ordination technique.

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You will notice that nearly 99% of the information within this feature space is found within the first two principal components 92. You will discover that one of the components indicates three distinct oval-shaped porphyry copper ore bodies.

Correspondence analysis for detecting land cover change

Cluster-Analyse-Algorithmen zur Objekiklassifizierung und Datenreduktion. Comparisons of three ordination techniques. The transformation of prime agricultural land and other lands mostly barren into built up areas indicates the growth of sprawl within the urban sub-centre.

Application of principal component analysis and information fusion technique to detect hotspots in NOAA/AVHRR images of Jharia coalfield, India

An application of non-metric multidimensional sealing to the construction of an improved species plexus. The groups related to the first 10 prineipal components are very well interpretable ecologically and correspond largely to former classification attempts.

Correspondence analysis for detecting land cover change

Select square kilometres as the measurement unit. Statistische Auswertung von Punktrasterkarten der Gefäßpflanzenflora Süd-Niedersachsens. Also, maps based on the CA differencing method were found to be thematically more accurate than maps based on PCA component differencing methods.

Related Books

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