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Monitor and study horizontal and verticals changes at land surface using remote sensing and GIS technology

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In recent years, remote sensing and geographic information systems and other technology rapid development and wide application of land has become an effective means of status and temporal evolution of the process, providing a dynamic information environment is difficult to obtain conventional methods to solve complex spatial problems for the conduct of regional dynamic monitoring provides favorable conditions. The satellite images were used from 1974-1976 land sat-1,2, 1989-1996 land sat-4,1999-2005 land sat -7, Google earth images 2005-2008 during period of time for this study, Geomorphic features are extracted from the Shuttle Radar Topography Mission (SRTM) DEM data 2002 and 2010, SRTM DEM and Land sat data were used to extract the geo morphometric features and structures. The relationship between the topography and tectonics is assessed to understand the evolution mode.

Biography

Mohamed Mhmod is a PhD student and is going to complete his PhD in June 2016 from Jilin University, China. He has published 4 papers in reputed journals. His international experience includes various programs, contributions and participation in different countries for diverse fields of study.

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