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Land use/Land cover changes and their causes in Libokemkem District of South Gonder, Ethiopia

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Abstract

This study analyzed land use/land cover (LULC) changes and their causes for the last 42 years from 1973 to 2015 covering an areas of about 265km² in South Gonder Zone of Ethiopia, where area closures and/or forest conservations have been practiced since the late 1970s. Five sets of Landsat images (1973, 1985, 1995, 2003 and 2015) were the main input data from which five LULC maps were produced by employing pixel-based supervised image classification and changes of four periods were analyzed in GIS. Key informants interview and focus group discussion methods were used to

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