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### The influence of land use change on karst water quality of Shuicheng Basin in Guizhou Province

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The influence of land use and land cover on ecological environment is a focus of global change research. The paper chooses an industrial city-Shuicheng in Guizhou Province-as a study area because the karst water quality around the city is deteriorating with land use and land cover change. The natural susceptibility of karst water system is an important factor leading to karst water pollution. But land use and land cover change is also a main factor according to the chemical analysis of karst water quality and land use change. So it is a good way to protect karst water through rational planning and managing of land use and land cover.

Paper (PDF)

**关键词:** Land use change; Shuicheng Basin; karst water quality doi: 10.1360/gso40202