

研究报告

岷江上游土地利用/覆被变化及其驱动力

赵永华^{1,2,3},何兴元¹,胡远满¹,常禹¹

¹中国科学院沈阳应用生态研究所 沈阳 110016; ²长安大学地球科学与国土资源学院, 西安 710054; ³中国科学院研究生院, 北京 100039

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摘要 岷江上游具有自然环境的复杂性、生态系统的脆弱性、经济发展的边缘性、社会文化的过渡性等特性,其土地利用/土地覆盖变化的特点可以代表我国西南山地土地资源及利用中所存在的普遍问题.林地和草地是岷江上游地区的主要土地利用类型.从1974~2000年间各个土地利用类型均发生了不同程度的变化,林地面积持续减少,其它类型面积均有不同程度的增加.类型间的面积变化均为双向,主要发生在有林地、灌木林地、经济林地、草地、居民用地和耕地之间,且主要在林地和草地两个类型之间.其中1974~1986年的变化大于1986~2000年.人口和经济是该区土地利用变化的主要驱动因素.自实施天然林保护工程和退耕还林还草工程以来,该区土地利用状况有所好转,正在向好的方向发展.

关键词 [岷江上游](#) [驱动力](#) [土地利用](#) [土地覆被](#)

分类号

Land use and land cover changes and driving forces in the upper reach of Minjiang River

ZHAO Yonghua^{1,2,3},HE Xingyuan¹,HU Yuanman¹,CHANG Yu¹

¹Institute of Applied Ecology,Chinese Academy of Sciences,Shenyang 110016,China; ²College of Earth Science and Land Resources Management,Chang'an University,Xi'an 710054,China; ³Graduate University of Chinese Academy of Sciences,Beijing 100039,China

Abstract

The upper reach of Minjiang River is the representative of mountainous area in Southwest China in the aspects of natural environment,ecosystem structure,economic development,and social culture.The characteristics of the dynamic changes of its land use and land cover stood for the common questions occurred in the land resources and usage of this area.Woodland and grassland are the main types of land use and land cover,and many changes in land use/cover types happened from 1974 to 2000.Among forestland,shrub land,economic forestland,grassland,cropland and resident land,changes mainly happened between woodland and grassland ,and all occurred bilaterally.The area of forestland changed mostly and kept decreasing from 1974 to 2000,while that of other land types increased.The changes of land use and land cover happened between 1974 and 1986 were larger than those happened between 1986 and 2000.Population and economy were the main driving factors for the changes of land use and land cover in the upper reach of Minjiang River.Since the programs of Natural Forest Protection and Withdrawing Cropland to Woodland and Grassland carried into execution,the land use and land cover have changed rationally.

Key words [Upper reach of Minjiang River](#) [Driving force](#) [Land use](#) [Land cover](#)

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