

杨振京,徐建明,毕志伟,张宏达,王建中,陈立.宁夏南部干旱-半干旱黄土梁峁区生态环境调查与生态建设模式——以西吉县城郊乡和马建乡生态环境调查为例[J].地质论评,2006,52(6):815-820

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[杨振京](#) [徐建明](#) [毕志伟](#) [张宏达](#) [王建中](#) [陈立](#)

[1]中国地质科学院水文地质环境地质研究所,石家庄050061 [2]中国矿业大学,北京100083

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DOI:

摘要:

宁夏南部黄土高原区严重的水土流失、土地退化对当地的生产、生态、社会发展、人民生活带来极大的困难和危害,因此如何开展生态建设、促进社会经济发展,成为当地政府最为紧迫的任务之一。西吉县城郊乡和马建乡是干旱-半干旱黄土梁峁区典型代表地区,部分地区已经失去了依靠自身力量进行生态恢复和发展的可能性,因而需要在调查研究的基础上,制定合理的规划和生态建设模式,针对性的增加外部投入,进行生态重建。本文在对西吉县城郊乡和马建乡开展生态地质调查的基础上,分析研究了宁夏南部干旱-半干旱黄土梁峁区的主要生态环境问题,依据该区地质、地貌、气候、植被条件,初步总结了该地区适宜的生态建设模式,即高效生态农业建设模式,经济林园艺化管理的果农复合型生态农业建设模式,草灌(木)和畜牧业林木型生态农业模式,林草、林灌(木)和草灌(木)相互结合生态模式。

关键词: [生态环境调查](#) [生态建设模式](#) [干旱-半干旱黄土梁峁区](#) [宁夏南部](#)

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YANG Zhenjing- 1), XU Jianming- 1), BI Zhiwei- 1), ZHANG Hongda- 2), WANG Jianzhong- 1), CHEN Li- 1) 1) Institute of Hydrologic and Environmental Geology, the Chinese Academy of Geological Sciences, Shijiazhuang, 0500612) China University of Mining & Technology, B

Fund Project:

Abstract:

The bad soil and water loss, land degradation caused extreme difficulty and harm for local production, ecology, society development and people's living at loess plateau in the Southern Ningxia. Therefore, to reconstruct the environment and promote the development of society become out of most urgent tasks in the local government. Chengjiao and Majian Town of Xiji County are the typical areas of arid-semiarid loess mountain ridge area, it is impossible for some areas to rely on its own strength to reform ecology. So it's necessary to carry out the ecological rehabilitation based on the investigation and scientific research, management and plan, and to increase related external input. This paper has analyzed the principal ecological environmental questions of arid-semiarid loess mountain ridge area based on the ecological geological investigation in Chengjiao and Majian Town of Xiji County, and has summarized the ecological construction modes fitted to this area by the geology, geomorphology, climate and vegetation of this area, i.e., the high effective ecological agricultural construction mode, the agricultural construction mode of the economic horticultural management of complex agriculture-orchard, the ecological agricultural construction mode of grass-shrub-forestry farming and the forestry-grass-shrub complex ecological mode.

Keywords: [ecological environmental investigation](#) [ecological construction mode](#) [arid-semiarid loess mountain ridge area](#) [Southern Ningxia](#)

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