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## 中国农村土地整治生态景观建设策略

### Ecological landscaping strategy of rural land consolidation in China

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中文摘要:

该文针对中国农村土地利用存在问题和农村生态景观建设需求,通过对国内外土地整治目标、技术发展趋势的研究,并结合相关调查,对中国农村土地整治中生态景观建设战略需求进行了探讨。总结了以农村综合发展为目标的土地整治目标和任务,提出了土地整治相关建设战略和技术需求。主要结论包括:土地整治应重视乡村景观特征研究,维系并提高乡村景观文化和美学价值;加强土地多功能性研究,在大尺度上重视生态网络和绿色基础设施建设,在小尺度上应提高生境质量和景观多样性,提高土地整治生产力、生态景观服务能力和碳汇能力;加强流域水文生态过程研究,开展农村面源污染控制和应对气候变化极端事件;加强土地整治工程生态景观化技术研究,完善土地整治技术规程;拓宽土地整治项目实施机制,提高土地整治的参与性。

英文摘要:

The ecological and landscaping strategy and technologies of rural land consolidation in China were discussed aiming at providing solutions to the problems in China's rural land use and meeting the demands in rural landscape enhancement. The present land use problems in the rural area of China and the development of modern land consolidation were reviewed and the strategies, approaches and technical demands related to rural land consolidation were proposed. The landscape character should be assessed for the conservation and enhancement of the cultural and aesthetic value of rural landscape. Study on multifunctional land use should be strengthened to enhance the ecological services and landscape values, mainly including the construction of ecological network and green infrastructure in large scale, the enhancement and creation of the habitat and landscape quality in small scale. The eco-hydraulic process of watershed should be studied for the control of non-point pollutions, mitigation and adaptation of climate change. The ecological and landscape engineering need to be studied for the improvement of land consolidation guideline, as well as the updating of land consolidation stewardship for the increase of the public participation.

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