

农田景观格局演变规律分析

Analysis of evolutionary law rule of farmland landscape

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中文摘要:

通过历史文献分析, 归纳出一般农田景观格局演变规律。农田景观格局的形成有其历史、自然、人文等原因, 比较复杂。农田景观规模、形状、结构和质地各异, 是各种复杂的自然和社会条件相互作用的结果。在农田建设的初级阶段, 农田景观格局明显表现出对自然环境的适应性特征, 随着人类生产技术的进步, 农田景观格局更多地体现在人与自然的和谐。在该过程中, 农田景观格局大致经历了短期或定期零星农田、长期集中连片农田、配套集约化农田和精准农业的发展历程, 而农田景观格局的变化又能在一定程度上反映社会的发展和相关科学技术的进步。

英文摘要:

The evolutionary law of landscape pattern of general farmland is revealed by analyzing the history literature. The formation of farmland landscape pattern has many reasons such as its history, nature and humanity, and therefore it is fairly complicated. The farmland landscape pattern is the representation of mankind and its environment spatial distribution differences, which is formed by interaction. The different scales, shapes, structures and quality are resulted from the interaction of various complicated conditions between nature and society. At the primary stage of farmland building, farmland landscape pattern reveals the characteristic of adaptability to the natural environment. Along with the advance of human production technology, farmland landscape pattern embodies the harmony between human and nature. Under such process, farmland landscape pattern has roughly gone through the process of short-term or termly and long-term concentrated connection of pieces of farmland, compounded intensive farmland and precision agriculture. And changes of farmland landscape pattern can reflect the development of society and the progress of science and technology.

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