

农业生态与环境科学

作物种植面积遥感提取方法的研究进展*

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摘要 农作物种植面积监测是遥感估产的关键技术之一。回顾和总结了国内外利用遥感数据进行农作物种植面积提取的方法, 重点分析了遥感影像分析方法的进展以及大面积作物种植面积提取两个方面, 对农作物种植面积遥感提取的发展方向作了简要评述。

关键词 [种植面积](#); [遥感监测](#); [分类](#)

分类号 [S 29](#)

Overview of Extraction of Crop Area from Remote Sensing

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Abstract

The detection and estimation of crop planting area is one of the key technologies of the remote sensing application in agriculture field. In this paper, a summary of the advanced approaches of crop proportion monitoring in recent years is presented. The overview emphasized the evolvement of analysis means of remote sensing data and compared methods of image classification that is applied to estimate crop area. Finally, the develop tendency of the extraction of large area's crop proportion in the near future was forecasted.

Key words [crop area](#) [remote sensing detection](#) [classification](#)

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