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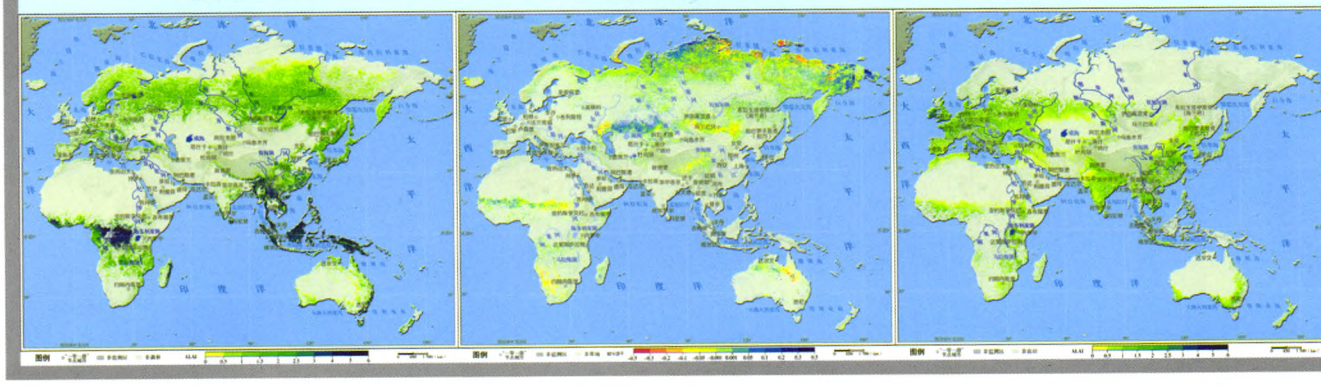
“一带一路”陆域生态系统结构与植被生长状况

森林ALAI　　草地MVC距平　　农田ALAI



万方数据

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Yaogan Xuebao

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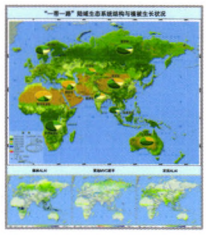

封面说明

About the Cover

"一带一路"陆域生态系统结构与植被生长状况

Terrestrial ecosystem macrostructure and vegetation growing status over the "Belt and Road" region

封面图片为"一带一路"陆域2015年30 m分辨率生态系统类型图和1 km分辨率植被参数分布图（平均叶面积指数和最大植被覆盖度），相关研究可为"一带一路"陆域生态系统宏观结构、主要生态系统生产潜力和植被生长状况分析提供可靠的数据支撑，并作为落实联合国可持续发展目标（SDGs2030）"一带一路"沿线区域生态环境状况的本底数据（详见原文，遥感学报，22（4）:699—708[DOI:10.11834/jrs.20187264]）。

The cover image shows the terrestrial ecosystem macrostructure (30 m) and vegetation parameters distribution (the average leaf area index and the maximum vegetation coverage, 1 km) over the "Belt and Road" region in 2015.The ecosystem is mainly divided into the forest, grassland, farmland, water, city and desert. The leaf area index is produced by the random radiation transfer model based on a variety of sensor data such as Terra/MODIS, Aqua/ MODIS, FY-3 MERSI, FY-3 VIRR, combined with DEM and surface classification map. It provides reliable data for the analysis of ecosystem macrostructure, productive potential of the main ecological systems and vegetation growing status, will also be used as the ecological environment baseline along the "Belt and Road" region for the implementation of the sustainable development goals of the United Nations (SDGs2030). (see details in Journal of Remote Sensing,22（4）:699—708[DOI:10.11834/jrs.20187264]).

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