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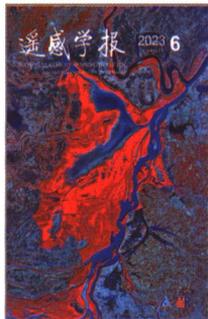
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About the Cover

Sentinel-2卫星洞庭湖国际重要湿地遥感影像

Sentinel-2 standard false-color image of the Dongtinghu Wetland site

封面图片为 Sentinel-2 卫星于 2022 年 4 月 7 日获取的湖南省洞庭湖湿地的标准假彩色影像，蓝色为水体、亮红色为沼泽湿地。洞庭湖湿地被誉为“长江中游的生态明珠”、“拯救世界濒危物种的主要希望地”，同时也是国家级自然保护区和我国首批列入《国际湿地公约》重要湿地名录的 7 块湿地之一。洞庭湖湿地在蓄洪防旱、调节气候、维持生物多样性等方面发挥着极为重要的作用。但受气候变化和人类活动的双重胁迫，洞庭湖湿地生态系统的保护仍有巨大压力，多源遥感技术可为湿地生态系统的立体监测提供良好技术手段，有效支撑湿地的动态监测并服务于湿地保护与修复。本期专刊的 17 篇论文汇总了湿地遥感的最新研究成果。

The cover image shows a Sentinel-2 standard false-color image of Dongtinghu Wetland site in Hunan Province on April 7, 2022. The blue color denotes water, and bright red color represents vegetated wetland. Dongtinghu Wetland is known as "the ecological pearl in the middle reaches of Yangtze River" and "the main hope area of saving the world's endangered species". It is also a national nature reserve and one of the first seven wetlands of China listed in the International Convention on Wetlands. The wetlands in this site play an important role in flood storage, drought prevention, climate regulation, biodiversity maintenance. However, due to the dual threats posed by climate change and human activities, the protection of the wetland ecosystem in Dongtinghu Wetland site still faces great pressure. Multisource remote sensing technology can provide a promising technical approach for stereoscopic monitoring of wetland ecosystems. It effectively supports the dynamic monitoring of wetlands and facilitates the protection and restoration of wetlands. The 17 papers in this special issue present the latest research achievements in the field of remote sensing of wetland.

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