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封面说明: 官厅水库典型水生植物, 主要有沉水植物、浮水植物和挺水植物3种生活型(汪星摄)。汪星等以官厅水库库区3种生活型水生植物为研究对象, 将实测光谱特征提取与多时相Landsat 8 OLI影像数据分析相结合, 有效识别和提取出不同种类水生植物空间分布信息, 并利用多时相遥感影像水生植物的提取结果, 进一步开展官厅水库库区水生植物的年内生长变化研究(本期640–652页)。

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Cover illustration: The typical aquatic plants in Guanting Reservoir are mainly composed of submerged plants, floating plants and emergent plants (photo by Wang Xing). Wang *et al.* took three species of aquatic plants living in Guanting Reservoir as the research object, and combined the extraction of measured spectral features with the analysis of multi-temporal Landsat 8 OLI image data to effectively identify and extract the spatial distribution of different species of aquatic plants. The results of multi-temporal remote sensing images were used to further study the growth and change of aquatic plants in Guanting Reservoir (Pages 640–652 of this issue).