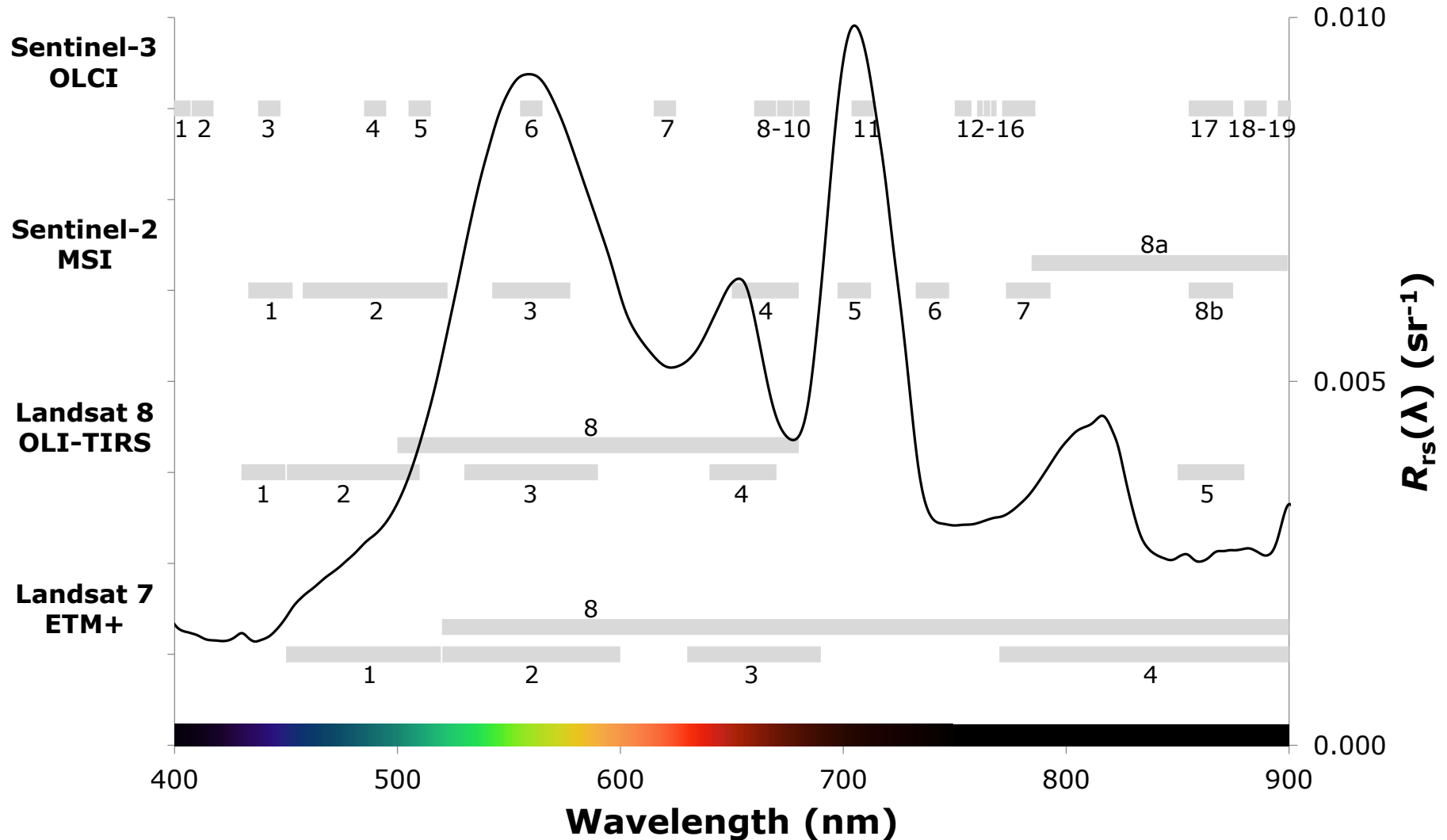


Comparison of the spectral bands of four satellite sensors with relevance for the remote sensing of water quality



Comparison of the spectral bands of four satellite sensors with relevance for the remote sensing of water quality. The Sentinel-3 OLCI sensor includes several spectral bands for the monitoring of water quality and the detection of algal blooms. The reflectance peaks and troughs seen in the remote sensing reflectance spectrum for Lake Winnebago acquired on 09/21/2015 and represented by Sentinel-3 OLCI bands 7, 8 - 10, and 11 are used for the detection and quantification of algal blooms in inland and coastal waters.