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Remote sensing from aircraft and space-based platforms offers unique large-scale synoptic data to address the intricate nature of coa waters. However, many researchers wishing to apply remote sensing to a dynamic coastal environment are faced with the challenge of learning a technology laden with new and often confusing terminology, data, and methods of processing and analysis.

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Aquatic color radiometry remote sensing of coastal and inland water bodies is of great interest to a wide variety of research, managem and commercial entities as well as the general public. However, most current satellite radiometers were primarily designed for observin global ocean and not necessarily for observing coastal and inland waters.

Aquatic color radiometry remote sensing of coastal and ...

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Malthus TJ, Mumby PJ (2003) Remote sensing of the coastal zone: an overview and priorities for future research. Int J Remote Sens 24:2805–2815 CrossRef Google Scholar Martin S (2004) An introduction to remote sensing.

Remote Sensing of Submerged Aquatic Vegetation | SpringerLink

This Special Issue will focus on remote sensing advancements and applications for monitoring health, status and change as well as for studying ecosystem processes in aquatic systems such as rivers, lakes, transitional and coastal waters and open seas. Dr. Evangelos Spyrakos Dr. Claudia Giardino Dr. Vittorio E. Brando Dr. Shenglei Wang Guest Editors

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Remote sensing, satellites, orthophotos, drones, submerged aquatic vegetation, chlorophyll a, Danish coastal waters. Layout: Anne van Acker . Drawings: The authors . Front page photo: Sentinel 2 colour imagery with a resolution of 10 m from Femern Belt, Denmark. Patch of submerged aquatic vegetation are evident in the lagoon and a bloom of

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