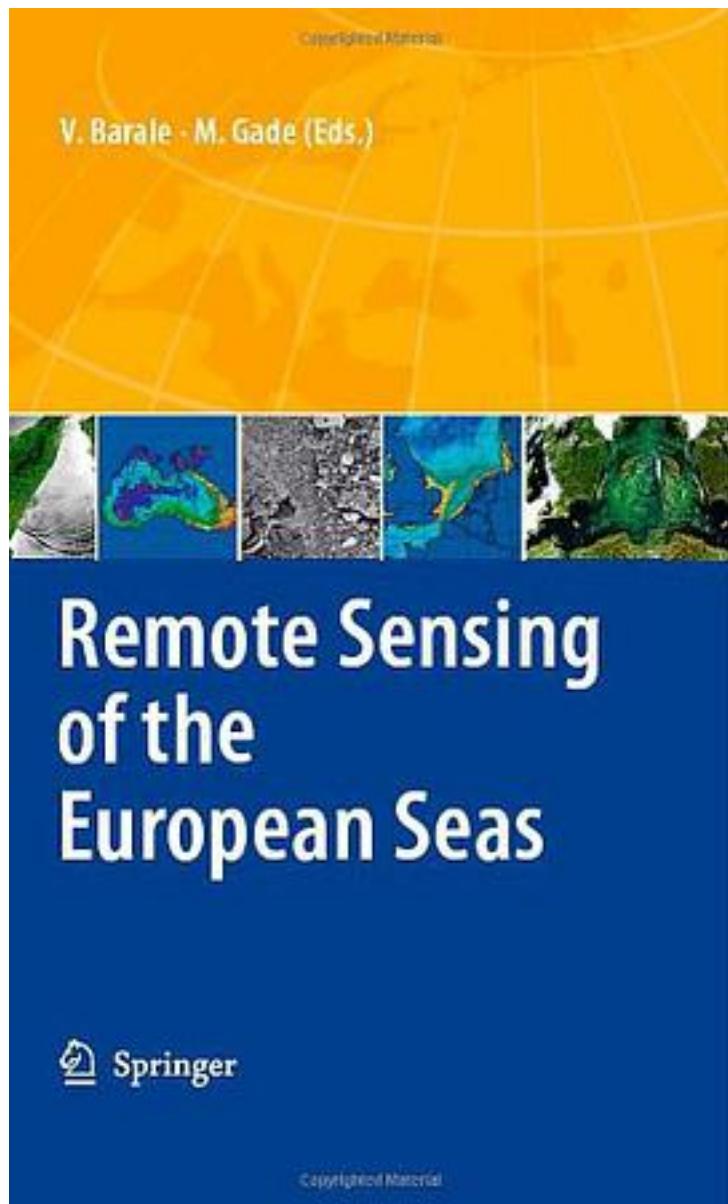


Remote Sensing of the European Seas



[Remote Sensing of the European Seas_下载链接1](#)

著者:Barale, Vittorio (EDT)/ Gade, Martin (EDT)

出版者:

出版时间:2008-3

装帧:

isbn:9781402067716

The enclosed and marginal seas surrounding the European continent exhibit a wide spectrum of environmental traits, ranging from sub-polar to sub-tropical climates, from shallow continental shelves to deep oceanic basins, from pristine marine reserves to regions impacted by countless economic and recreational activities. Understanding the inner workings of these seas -- aiming to reconcile the conflicting needs of protecting their ecological balance and exploiting their natural resources -- requires adequate observation systems, integrating both in situ and remote sensing techniques. This volume reviews the current potential of Earth Observations, while devoting particular attention to applications dealing with the issues, peculiarities and special challenges posed by the European Seas. The assessment of surface parameters by means of passive techniques -- which measure reflected visible and near-infrared sunlight, or surface emissions in the thermal infrared or microwave spectral regions -- is addressed. Active techniques -- which use transmitted impulses of visible or microwave radiation, for a subsequent evaluation of the signal returned by the water surface -- are covered as well. An in-depth analysis of the specific merits and drawbacks of each spectral region, and of both passive and active techniques, provides clues to help compose the unique mosaic of dynamical and bio-geo-chemical features of the European Seas.

作者介绍:

目录:

[Remote Sensing of the European Seas](#) [下载链接1](#)

标签

评论

[Remote Sensing of the European Seas](#) [下载链接1](#)

书评

[Remote Sensing of the European Seas 下载链接1](#)