

Relevant papers

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- *Peer-reviewed Journals and Book Chapters (reverse chrono.):*

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Books

- [3] *Goodman JA, Purkis SJ, Phinn SR (Eds)* (2013) *Coral Reef Remote Sensing: A Guide for Mapping, Monitoring and Management*. Springer, 436pp, ISBN-10: 9048192919

Reviews: "This remarkable book, *Coral Reef Remote Sensing: A Guide for Mapping, Monitoring and Management*, for the first time documents the full range of remote sensing systems, methodologies and measurement capabilities essential to understanding more fully the status and changes over time of coral reefs globally. Such information is essential and provides the foundation for policy development and for implementing management strategies to protect these critically endangered ecosystems. ... Included here is an overview of technologies for reef mapping, technical information useful for scientists and other research and policy development experts, ideas for application of remote sensing to resolve questions, and thoughts about future remote sensing technologies and their applications. I wholeheartedly recommend this book to scientists, students, managers, remote sensing specialists and anyone who would like to be inspired by the ingenious new ways that have been developed and are being applied to solve one of the world's greatest challenges: how to take care of the ocean that takes care of us." **SYLVIA A. EARLE**, NATIONAL GEOGRAPHIC EXPLORER IN RESIDENCE; FOUNDER, MISSION BLUE

- [2] *Riegl BM, Purkis SJ (Eds)* (2012) *Coral Reefs of the Gulf: Adaptation to Climatic Extremes*. Springer, 389pp, ISBN 978-94-007-3007-6 (hard cover)

Reviews: "Coral Reefs of the Gulf provides an important baseline on reef geomorphology and ecosystems in an area under pressure from various developments (oil, gas and resorts). ... this book is an excellent ambassador for monitoring and protecting these important natural ecosystems". (**JAMES CRABBE**, THE BIOLOGIST, VOL. 59 (5), DECEMBER, 2012)

- [1] *Purkis SJ, Klemas V* (2011) *Remote Sensing and Global Environmental Change*. Wiley-Blackwell, Oxford, 368pp, ISBN 978-1-4051-8225-6 (pbk.)

Reviews: "The book covers in a very comprehensive way many aspects of remote sensing providing a global view of the physical background, models, a variety of sensors and several applications. Culturally, the book provides a clear picture of the remote sensing as a three-leg problem: measurements, models and inversion. The reader is guided into a tour of the most challenging services within GMES and GOESS programs. Authors are able to teach and fascinate at the same time." **MAURIZIO MIGLIACCIO**, UNIVERSITÀ DI NAPOLI PARTHENOPE, ITALY

"This book is written by two internationally leading scholars who have over 50 years combined experience in remote sensing and Earth sciences. It examines how the modern concepts, technologies and methods in remote sensing can be effectively used to solve problems relevant to a wide range of topics in global environmental change studies. And it has a companion site that contains all the figures and tables included in the book.

This book is invaluable for undergraduate and graduate teaching, while providing a good overview of the technology to a manager or scientist.”
XIAOJUN YANG, DEPT. OF GEOGRAPHY, FLORIDA STATE UNIVERSITY, USA