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## Sommario/riassunto

The book shows how the new observations from satellites required advances in theory and influenced societal decision-making. Chapters have a review with an extensive reference list, making the book an excellent source of information for biological and physical oceanographers and atmospheric scientists. A large range of state-of-the-art applications of satellite data (altimeter, color, infrared radiometer, scatterometer, synthetic aperture radar) visible in regional-to-global scale ocean studies integrating satellite and in-situ measurements with circulation models are covered in the book.