

# Descriptive Physical Oceanography, Sixth Edition: An Introduction

By Lynne D. Talley

[Download now](#)

[Read Online](#) 

## Descriptive Physical Oceanography, Sixth Edition: An Introduction By Lynne D. Talley

*Descriptive Physical Oceanography, Sixth Edition*, provides an introduction to the field with an emphasis on large-scale oceanography based mainly on observations. Topics covered include the physical properties of seawater, heat and salt budgets, instrumentation, data analysis methods, introductory dynamics, oceanography and climate variability of each of the oceans and of the global ocean, and brief introductions to the physical setting, waves, and coastal oceanography.

This updated version contains ocean basin descriptions, including ocean climate variability, emphasizing dynamical context; new chapters on global ocean circulation and introductory ocean dynamics; and a new companion website containing PowerPoint figures, lecture and study guides, and practical exercises for analyzing a global ocean data set using Java OceanAtlas.

This text is ideal for undergraduates and graduate students in marine sciences and oceanography.

- Expanded ocean basin descriptions, including ocean climate variability, emphasizing dynamical context
- New chapters on global ocean circulation and introductory ocean dynamics
- Companion website containing PowerPoint figures, supplemental chapters, and practical exercises for analyzing a global ocean data set using Java OceanAtlas

 [Download Descriptive Physical Oceanography, Sixth Edition: ...pdf](#)

 [Read Online Descriptive Physical Oceanography, Sixth Edition ...pdf](#)

# Descriptive Physical Oceanography, Sixth Edition: An Introduction

By Lynne D. Talley

## Descriptive Physical Oceanography, Sixth Edition: An Introduction By Lynne D. Talley

*Descriptive Physical Oceanography, Sixth Edition*, provides an introduction to the field with an emphasis on large-scale oceanography based mainly on observations. Topics covered include the physical properties of seawater, heat and salt budgets, instrumentation, data analysis methods, introductory dynamics, oceanography and climate variability of each of the oceans and of the global ocean, and brief introductions to the physical setting, waves, and coastal oceanography.

This updated version contains ocean basin descriptions, including ocean climate variability, emphasizing dynamical context; new chapters on global ocean circulation and introductory ocean dynamics; and a new companion website containing PowerPoint figures, lecture and study guides, and practical exercises for analyzing a global ocean data set using Java OceanAtlas.

This text is ideal for undergraduates and graduate students in marine sciences and oceanography.

- Expanded ocean basin descriptions, including ocean climate variability, emphasizing dynamical context
- New chapters on global ocean circulation and introductory ocean dynamics
- Companion website containing PowerPoint figures, supplemental chapters, and practical exercises for analyzing a global ocean data set using Java OceanAtlas

## Descriptive Physical Oceanography, Sixth Edition: An Introduction By Lynne D. Talley Bibliography

- Sales Rank: #246674 in Books
- Brand: Academic Press
- Published on: 2011-01-15
- Released on: 2011-01-15
- Original language: English
- Number of items: 1
- Dimensions: 9.50" h x 8.00" w x 1.25" l, 3.10 pounds
- Binding: Hardcover
- 560 pages

 [Download Descriptive Physical Oceanography, Sixth Edition: ...pdf](#)

 [Read Online Descriptive Physical Oceanography, Sixth Edition ...pdf](#)

**Download and Read Free Online Descriptive Physical Oceanography, Sixth Edition: An Introduction  
By Lynne D. Talley**

---

## Editorial Review

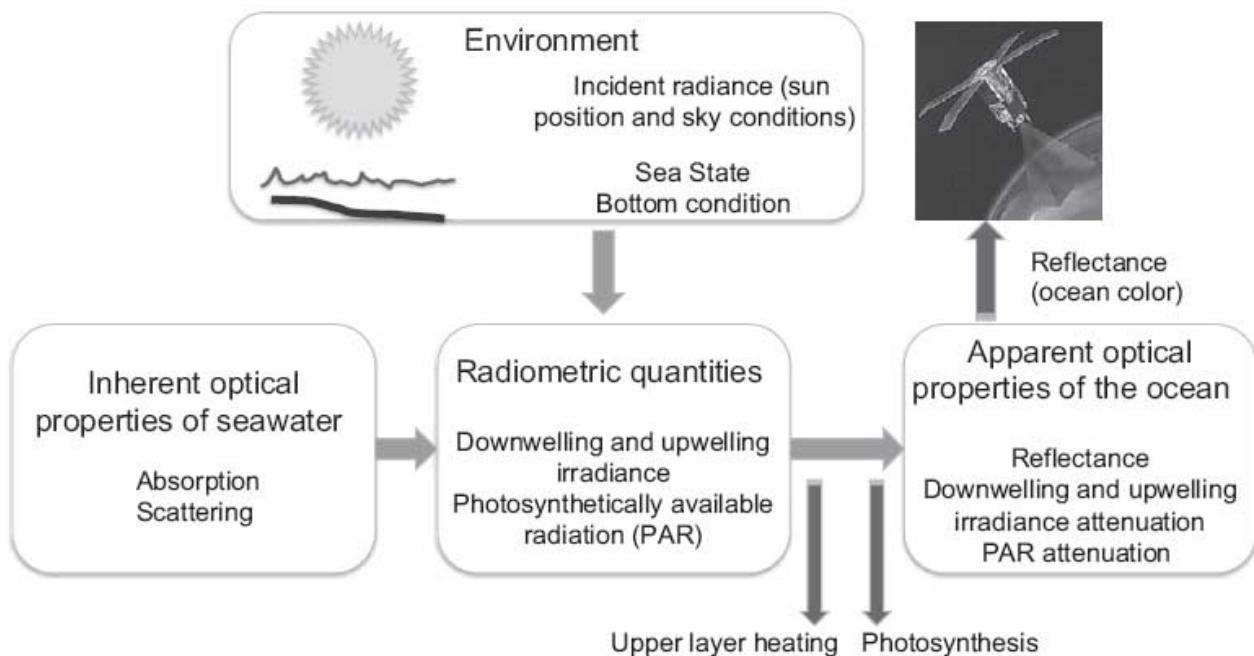
### Amazon.com Review

The sixth edition of *Descriptive Physical Oceanography* provides an introduction to descriptive physical oceanography for advanced undergraduates and graduate students. The emphasis is on large-scale oceanography, based mainly in observations, with some topics from waves and coastal oceanography also included. Topics include the physical properties of seawater, heat and salt budgets, instrumentation, data analysis methods, introductory dynamics, oceanography and climate variability of each of the oceans and of the global ocean, and brief introductions to the physical setting, waves, and coastal oceanography.

- Expanded ocean basin descriptions, including ocean climate variability, emphasizing dynamical context.
- New chapters on global ocean circulation and introductory ocean dynamics.
- Companion Web site containing PowerPoint figures, supplemental chapters, and practical exercises for analyzing a global ocean data set using Java OceanAtlas.

---

### Read a Sample Chapter from *Descriptive Physical Oceanography*



Schematic of optical processes in seawater. Adapted and simplified from Mobley (1995), with added indicators of seawater heating and photosynthesis, as well as satellite observation of ocean color. Read more about the "Physical Properties of Seawater" from *Descriptive Physical Oceanography*

---

### Review

*"This book and ancillary web-based appendices are a valuable reference for the modern-day seabird ecologist, providing a wealth of baseline information and serving as a language guide for describing physical oceanography...I highly recommend this updated classic text on descriptive physical oceanography."*--**Marine Ornithology Volume 40, No. 1, 2012**

## About the Author

Lynne Talley is a Professor of Oceanography at Scripps Institution of Oceanography (SIO), University of California San Diego. Lynne is a seagoing oceanographer with research interests in the water mass distributions and circulation of the world ocean. She is a graduate of Oberlin College (B.A. in physics) and the Woods Hole Oceanographic Institution/Massachusetts Institute of Technology Joint Program (Ph.D. in physical oceanography). She has been an editor of the Journal of Physical Oceanography and has served on the Intergovernmental Panel on Climate Change (AR4 and AR5), many committees of the National Academy of Sciences, and planning and steering committees for major field programs, including the World Ocean Circulation Experiment (WOCE) of the 1990s and the U.S. Global Ocean Carbon and Repeat Hydrography Program. She is a Fellow of the American Academy of Arts and Sciences, the American Geophysical Union, the Oceanography Society, and the American Meteorological Society.

## Users Review

### From reader reviews:

#### William Emmer:

Have you spare time for any day? What do you do when you have more or little spare time? Yep, you can choose the suitable activity regarding spend your time. Any person spent their own spare time to take a go walking, shopping, or went to often the Mall. How about open or even read a book titled Descriptive Physical Oceanography, Sixth Edition: An Introduction? Maybe it is for being best activity for you. You know beside you can spend your time together with your favorite's book, you can better than before. Do you agree with the opinion or you have various other opinion?

#### Frances Fortier:

Do you among people who can't read pleasant if the sentence chained within the straightway, hold on guys this particular aren't like that. This Descriptive Physical Oceanography, Sixth Edition: An Introduction book is readable by you who hate the perfect word style. You will find the info here are arrange for enjoyable studying experience without leaving also decrease the knowledge that want to offer to you. The writer of Descriptive Physical Oceanography, Sixth Edition: An Introduction content conveys objective easily to understand by a lot of people. The printed and e-book are not different in the content but it just different as it. So , do you continue to thinking Descriptive Physical Oceanography, Sixth Edition: An Introduction is not loveable to be your top list reading book?

#### Delbert Storey:

Nowadays reading books be a little more than want or need but also turn into a life style. This reading routine give you lot of advantages. Associate programs you got of course the knowledge the particular information inside the book which improve your knowledge and information. The details you get based on what kind of book you read, if you want get more knowledge just go with education and learning books but if you want truly feel happy read one together with theme for entertaining including comic or novel. Typically the Descriptive Physical Oceanography, Sixth Edition: An Introduction is kind of reserve which is giving the reader erratic experience.

**Lisa Phelps:**

Descriptive Physical Oceanography, Sixth Edition: An Introduction can be one of your basic books that are good idea. All of us recommend that straight away because this book has good vocabulary that can increase your knowledge in vocab, easy to understand, bit entertaining however delivering the information. The article writer giving his/her effort to place every word into joy arrangement in writing Descriptive Physical Oceanography, Sixth Edition: An Introduction nevertheless doesn't forget the main level, giving the reader the hottest and also based confirm resource data that maybe you can be certainly one of it. This great information can drawn you into new stage of crucial considering.

**Download and Read Online Descriptive Physical Oceanography, Sixth Edition: An Introduction By Lynne D. Talley  
#6IOVZGXNWQ5**

# **Read Descriptive Physical Oceanography, Sixth Edition: An Introduction By Lynne D. Talley for online ebook**

Descriptive Physical Oceanography, Sixth Edition: An Introduction By Lynne D. Talley Free PDF d0wnl0ad, audio books, books to read, good books to read, cheap books, good books, online books, books online, book reviews epub, read books online, books to read online, online library, greatbooks to read, PDF best books to read, top books to read Descriptive Physical Oceanography, Sixth Edition: An Introduction By Lynne D. Talley books to read online.

## **Online Descriptive Physical Oceanography, Sixth Edition: An Introduction By Lynne D. Talley ebook PDF download**

**Descriptive Physical Oceanography, Sixth Edition: An Introduction By Lynne D. Talley Doc**

**Descriptive Physical Oceanography, Sixth Edition: An Introduction By Lynne D. Talley MobiPocket**

**Descriptive Physical Oceanography, Sixth Edition: An Introduction By Lynne D. Talley EPub**

**6IOVZGXNWQ5: Descriptive Physical Oceanography, Sixth Edition: An Introduction By Lynne D. Talley**