

# 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](#)

## Editorial Review

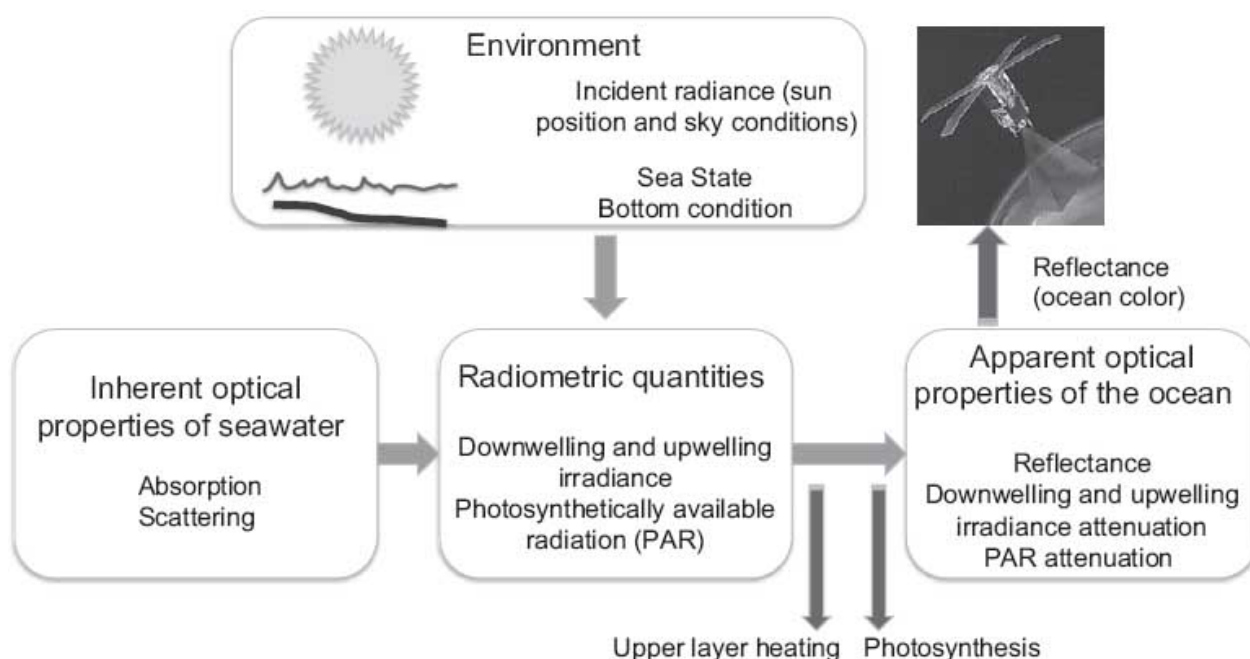
Amazon.com Review

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:

##### **Margaret Barone:**

Book is to be different for each grade. Book for children until adult are different content. We all know that that book is very important for all of us. The book Descriptive Physical Oceanography, Sixth Edition: An Introduction has been making you to know about other information and of course you can take more information. It is quite advantages for you. The book Descriptive Physical Oceanography, Sixth Edition: An Introduction is not only giving you considerably more new information but also to get your friend when you experience bored. You can spend your own personal spend time to read your reserve. Try to make relationship with all the book Descriptive Physical Oceanography, Sixth Edition: An Introduction. You never really feel lose out for everything if you read some books.

##### **Paula Adame:**

This book untitled Descriptive Physical Oceanography, Sixth Edition: An Introduction to be one of several books which best seller in this year, here is because when you read this e-book you can get a lot of benefit upon it. You will easily to buy this kind of book in the book retail outlet or you can order it by means of online. The publisher in this book sells the e-book too. It makes you easier to read this book, as you can read this book in your Cell phone. So there is no reason for you to past this guide from your list.

##### **Emily Scott:**

Playing with family in a very park, coming to see the coastal world or hanging out with good friends is thing that usually you may have done when you have spare time, in that case why you don't try issue that really opposite from that. 1 activity that make you not sensation tired but still relaxing, trilling like on roller coaster you are ride on and with addition of knowledge. Even you love Descriptive Physical Oceanography, Sixth Edition: An Introduction, you could enjoy both. It is very good combination right, you still wish to miss it? What kind of hangout type is it? Oh can happen its mind hangout men. What? Still don't buy it, oh come on its named reading friends.

**Judith Ellis:**

This Descriptive Physical Oceanography, Sixth Edition: An Introduction is brand-new way for you who has attention to look for some information as it relief your hunger details. Getting deeper you in it getting knowledge more you know otherwise you who still having little bit of digest in reading this Descriptive Physical Oceanography, Sixth Edition: An Introduction can be the light food for you because the information inside that book is easy to get simply by anyone. These books build itself in the form which is reachable by anyone, yeah I mean in the e-book type. People who think that in guide form make them feel drowsy even dizzy this e-book is the answer. So there is absolutely no in reading a reserve especially this one. You can find what you are looking for. It should be here for anyone. So , don't miss the item! Just read this e-book sort for your better life and also knowledge.

**Download and Read Online Descriptive Physical Oceanography,  
Sixth Edition: An Introduction By Lynne D. Talley  
#CKQBI39F4DA**

# **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**

**CKQBI39F4DA: Descriptive Physical Oceanography, Sixth Edition: An Introduction By Lynne D. Talley**