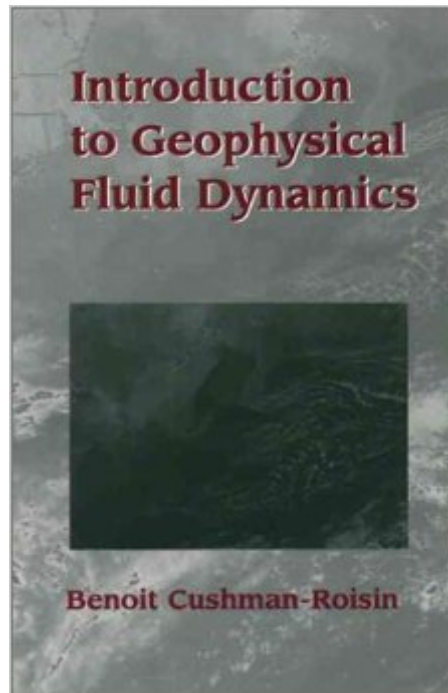


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# Introduction To Geophysical Fluid Dynamics



## Synopsis

This is the first and only introductory level text available on geophysical fluid dynamics. Emphasis is placed on physics, not mathematics and simple and complex laboratory demonstrations are featured in most chapters. Special contemporary topics, of climate dynamics and equatorial dynamics, including the greenhouse effect, global warming and southern oscillation are covered.

## Book Information

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Average Customer Review: 5.0 out of 5 stars [See all reviews](#) (4 customer reviews)

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## Customer Reviews

As someone who just spent a year preparing for my graduate qualifying exams in atmospheric science, this book quickly became my favorite. It is a short book, but is packed with a lot of the fundamentals of GFD. The derivations are not too complicated, and the explanations do a very good job making sense of it all. I did notice, however, that there were several typos throughout the book, an incorrect equation and paths to the wrong figures, but they weren't big enough to distract me.

It is an introductory text, yet still calls to draw upon a lot of mathematical skills. Much easier to go through than Pedlosky, and has many exercises at the end of each chapter. It is essentially a book for the reader more interested in the dynamics and applications like myself than on a rigorous theoretical treatment of GFD.

This book represents the first stage to anyone who wants to know how does the ocean (and atmosphere) work and make it easily. It's simply great!. Thanks Mr.Cushman!

It is very helpful to have a book geared toward one's first introduction to GFD concepts, since there are several offerings at more advanced levels.

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