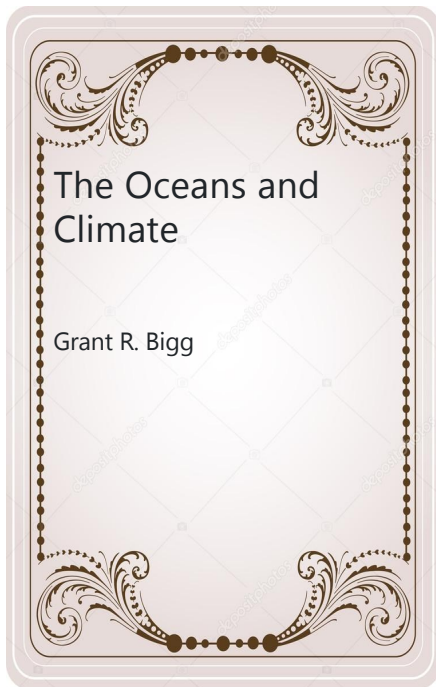


The Oceans and Climate

Grant R. Bigg



The oceans are an integral and important part of the climate system. The Oceans and Climate introduces the multi-disciplinary controls on air-sea interaction - physical, chemical and biological - and shows how these interact. It demonstrates how the ocean contributes to, and is affected by, climate processes on timescales from seasonal to millennial and longer. Past, present and future relationships between the ocean and climate are discussed. The new edition of this successful textbook has been completely updated throughout, with extensive new material on thermohaline processes in the ocean and their link to both abrupt climate change and longer-term climate change. It will prove an ideal course and reference book for undergraduate and graduate students studying earth and environmental sciences, oceanography, meteorology and climatology. The book will also be useful for students and teachers of geography, physics, chemistry and biology.

- [O Debate Normativo Da Lingua Galega \(1980-2000\)](#)
- [Oeuvres, Volume 5...](#)
- [O Come, All Ye Faithful](#)
- [O Come, Emmanuel : Daily Prayers for Advent, Christmas and Epiphany](#)
- [Obstetrics: Normal and Problem Pregnancies Elsevier eBook on VitalSource \(Retail Access Card\)](#)
- [Obstetrics and Gynaecology in Tudor and Stuart England](#)