



The science of ocean-atmospheric interaction now extends from basin to global scales. Satellite-based and in situ monitoring systems as well as coupled ocean-atmosphere numerical models have greatly increased our understanding of climate variations in the Pacific, Atlantic, and Indian sectors as well as interactions cross-basin and between the tropics and extratropics.

Earth Climate: The Ocean-Atmosphere Interaction is the first monograph to summarize these new advances and how they have enhanced our understanding of climate variability worldwide.

Scientists, researchers and students of climate, oceanography, and atmospheric sciences will find this book a significant resource, now and in the future.

CONTENTS INCLUDE:

- Observational and theoretical aspects of the ocean-atmosphere interaction that helps shape Earth's climate and its variations
- Summaries of current research on ocean-atmosphere interaction and global climate variability
- Beyond the Pacific El Niño, studies on climate variability in the Atlantic and Indian sectors
- Climate variations due to interactions and exchanges between the Pacific, Atlantic, and Indian sectors, and between the tropics and extratropics

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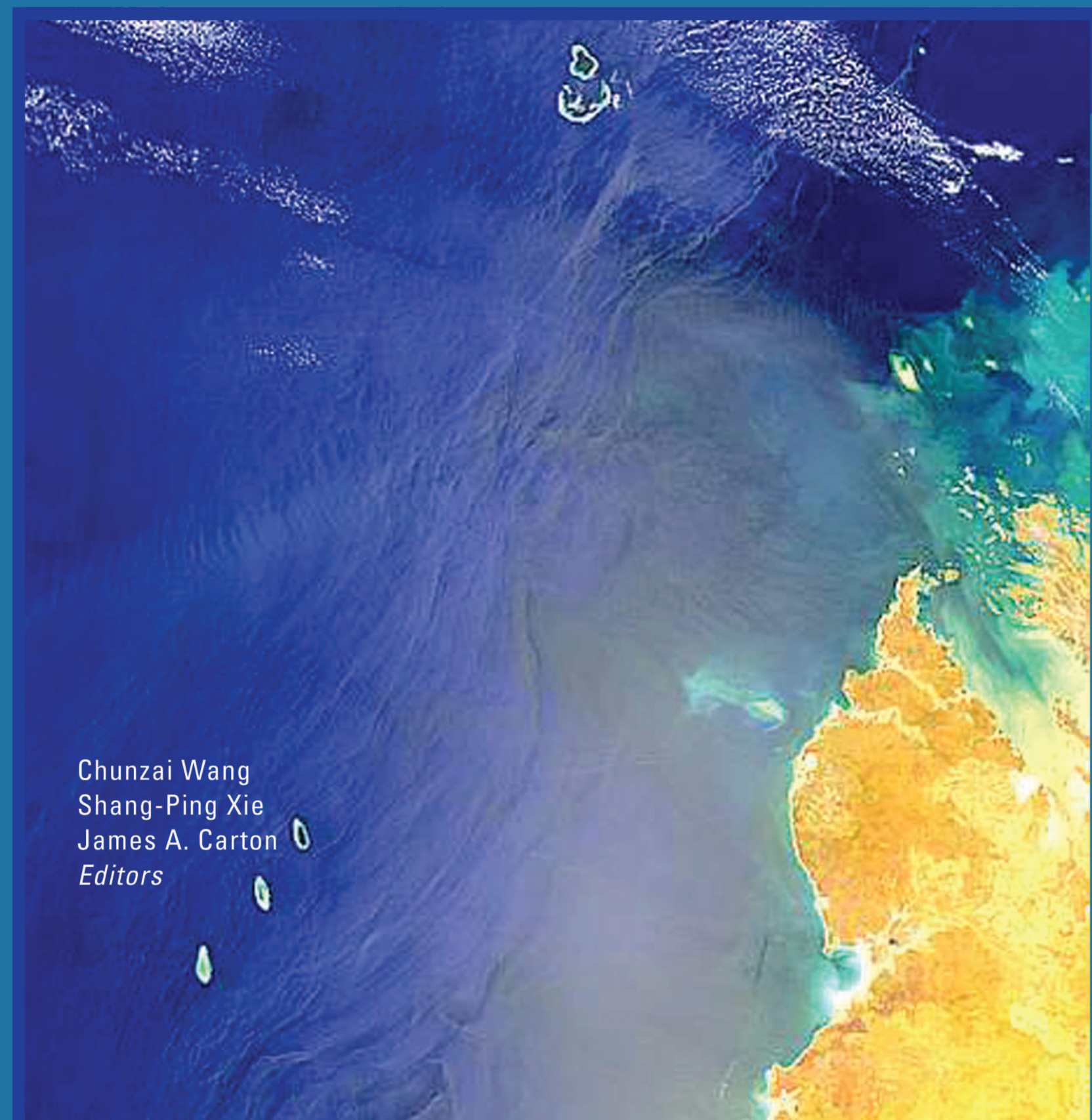
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