



ocean worlds

*The story of seas on Earth
and other planets*

JAN ZALASIEWICZ | MARK WILLIAMS

Ocean Worlds The Story Of Seas On Earth And Other Planets

World Book, Incorporated



Ocean Worlds The Story Of Seas On Earth And Other Planets:

Ocean Worlds Jan Zalasiewicz, Mark Williams, 2014-10-23 Oceans make up most of the surface of our blue planet. They may form just a sliver on the outside of the Earth but they are very important not only in hosting life including the fish and other animals on which many humans depend but in terms of their role in the Earth system in regulating climate and cycling nutrients. As climate change, pollution and over exploitation by humans puts this precious resource at risk, it is more important than ever that we understand and appreciate the nature and history of oceans. There is much we still do not know about the story of the Earth's oceans and we are only just beginning to find indications of oceans on other planets. In this book, geologists Jan Zalasiewicz and Mark Williams consider the deep history of oceans, how and when they may have formed on the young Earth, topics of intense current research, how they became salty and how they evolved through Earth history. We learn how oceans have formed and disappeared over millions of years, how the sea nurtured life and what may become of our oceans in the future. We encounter some of the scientists and adventurers whose efforts led to our present understanding of oceans. And we look at clues to possible seas that may once have covered parts of Mars and Venus that may still exist below the surface on moons such as Europa and Callisto and the possibility of watery planets in other star systems. **Earth**

Matters Richard Bardgett, 2016-01-28 For much of history, soil has played a major and often central role in the lives of humans. Entire societies have risen and collapsed through the management or mismanagement of soil. Farmers and gardeners worldwide nurture their soil to provide their plants with water, nutrients and protection from pests and diseases. Major battles have been aborted or stalled by the condition of soil. Murder trials have been solved with evidence from the soil and for most of us, our ultimate fate is the soil. In this book, Richard Bardgett discusses soil and the many and sometimes surprising ways that humanity has depended on it throughout history and still does today. Analysing the role soil plays in our own lives despite increasing urbanization and in the biogeochemical cycles that allow the planet to function effectively, Bardgett considers how superior soil management could combat global issues such as climate change, food shortages and the extinction of species. Looking to the future, Bardgett argues that it is vital for the future of humanity for governments worldwide to halt soil degradation and to put in place policies for the future sustainable management of soils. **The Boundless Sea** David

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David Armitage, Alison Bashford, Sujit Sivasundaram, 2018 Freshly presents world history through its oceans and seas in uniquely wide-ranging original chapters by leading experts in their fields. **The Chautauquan**, 1896 [World Book Year](#)

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introduction to the origin, composition, climates, weather and pollution of the earth. **English Mechanic and World of**

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