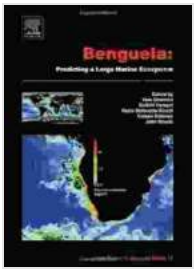
Benguela Predicting Large Marine Ecosystem Issn 14

The Benguela Current Large Marine Ecosystem (BCLME) is one of the most productive ecosystems in the world, supporting a wide range of marine life. The BCLME is located off the west coast of southern Africa and is characterized by strong upwelling, which brings nutrient-rich water to the surface. This upwelling supports a large population of phytoplankton, which in turn supports a variety of zooplankton, fish, and seabirds.

The BCLME is also home to a number of important fisheries, which provide food and income for millions of people. However, the BCLME is facing a number of challenges, including climate change, overfishing, and pollution. These challenges are threatening the sustainability of the BCLME and the livelihoods of the people who depend on it.



Benguela: Predicting a Large Marine Ecosystem (ISSN Book 14) by Heather Blanton

4.4 out of 5

Language	: English
File size	: 7699 KB
Text-to-Speech	: Enabled
Screen Reader	: Supported
Print length	: 438 pages

Benguela Predicting Large Marine Ecosystem Project

The Benguela Predicting Large Marine Ecosystem project (Benguela-PELME) is a research project that is working to develop a predictive understanding of the BCLME. The project is using a variety of tools, including oceanographic models, satellite data, and field observations, to better understand the physical, biological, and chemical processes that occur in the BCLME.

The Benguela-PELME project is funded by the Global Environment Facility (GEF) and is implemented by the Benguela Current Commission (BCC). The BCC is a regional organization that promotes cooperation between Angola, Namibia, and South Africa in the management of the BCLME.

Project Objectives

The objectives of the Benguela-PELME project are to:

* Develop a predictive understanding of the BCLME * Develop and implement a monitoring and forecasting system for the BCLME * Build capacity in the BCC and its member countries to manage the BCLME * Promote sustainable development in the BCLME region

Project Activities

The Benguela-PELME project is carrying out a number of activities to achieve its objectives. These activities include:

* Developing and implementing oceanographic models of the BCLME * Collecting and analyzing satellite data on the BCLME * Conducting field observations to validate model results * Developing and implementing a monitoring and forecasting system for the BCLME * Training BCC staff and

member country scientists in the use of models and data * Promoting sustainable development in the BCLME region

Project Outputs

The Benguela-PELME project will produce a number of outputs, including:

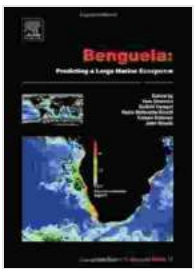
* A predictive understanding of the BCLME * A monitoring and forecasting system for the BCLME * Trained BCC staff and member country scientists * Sustainable development initiatives in the BCLME region

Project Impacts

The Benguela-PELME project is expected to have a number of impacts, including:

* Improved management of the BCLME * Increased sustainability of fisheries in the BCLME * Reduced pollution in the BCLME * Improved livelihoods for people in the BCLME region

The Benguela-PELME project is a major investment in the future of the BCLME. The project is expected to provide a number of benefits, including improved management of the BCLME, increased sustainability of fisheries, reduced pollution, and improved livelihoods for people in the BCLME region.

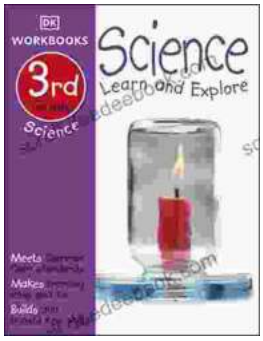


Benguela: Predicting a Large Marine Ecosystem (ISSN Book 14) by Heather Blanton

4.4 out of 5

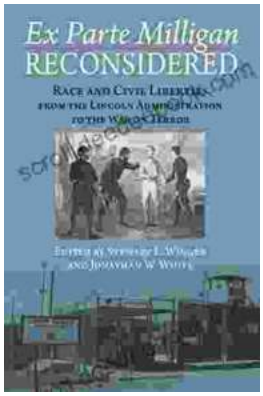
Language	: English
File size	: 7699 KB
Text-to-Speech	: Enabled
Screen Reader	: Supported

Print length : 438 pages



Dk Workbooks Science Third Grade: An In-Depth Exploration of Learning and Discovery

Science education plays a pivotal role in shaping young minds, fostering curiosity, critical thinking skills, and a lifelong appreciation for the natural...



Ex Parte Milligan Reconsidered: A Long Tail Analysis

Ex Parte Milligan was a landmark Supreme Court case that ruled that military tribunals could not try civilians in areas where the civil courts...