

Heirs and Disinherited of the Broken Coast

Introduction

The Broken Coast is a timely and important book that explores the challenges facing coastal communities around the world. As sea levels rise and storms become more intense, coastal erosion is threatening homes, businesses, and infrastructure. The Broken Coast tells the stories of the people who are being affected by coastal erosion, and it examines the policies and solutions that are being developed to address this growing problem.

The Broken Coast is divided into ten chapters, each of which focuses on a different aspect of coastal erosion. The first chapter, "The Lost Coast," provides an overview of the problem of coastal erosion and its

causes. The second chapter, "The Disinherited," tells the stories of the people who have been displaced by coastal erosion. The third chapter, "The Heirs," examines the challenges and responsibilities of inheriting a coast that is threatened by erosion.

The fourth chapter, "The Broken Coast," describes the physical, economic, social, and environmental damage caused by coastal erosion. The fifth chapter, "The Repaired Coast," discusses the methods that are being used to repair damaged coasts. The sixth chapter, "The Protected Coast," examines the different ways to protect coasts from erosion.

The seventh chapter, "The Resilient Coast," explores the factors that make a coast resilient to erosion. The eighth chapter, "The Sustainable Coast," discusses the principles of sustainable coastal development. The ninth chapter, "The Thriving Coast," describes the characteristics of a thriving coastal community. The tenth and final chapter, "The Future Coast," examines

the possible futures of the coast and the choices that we can make to shape its future.

The Broken Coast is a valuable resource for anyone who is interested in the challenges facing coastal communities. It is a well-written and informative book that provides a comprehensive overview of the problem of coastal erosion. The Broken Coast is a must-read for anyone who wants to understand the challenges facing coastal communities and the solutions that are being developed to address them.

Book Description

The Broken Coast is a timely and important book that explores the challenges facing coastal communities around the world. As sea levels rise and storms become more intense, coastal erosion is threatening homes, businesses, and infrastructure. The Broken Coast tells the stories of the people who are being affected by coastal erosion, and it examines the policies and solutions that are being developed to address this growing problem.

In The Broken Coast, Pasquale De Marco takes readers on a journey to some of the most vulnerable coastal communities in the world. He meets with people who have lost their homes to erosion, and he learns about the challenges they face in rebuilding their lives. He also speaks with experts who are working to develop new ways to protect coasts from erosion.

The Broken Coast is a powerful and moving book that sheds light on a growing problem. It is a must-read for anyone who is interested in the future of coastal communities.

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Chapter 1: The Lost Coast

Coastal erosion and its causes

Coastal erosion is the process by which the land along the coast is worn away by the action of waves, tides, and storms. It is a natural process that has been occurring for centuries, but it has accelerated in recent years due to human activities such as climate change and coastal development.

There are a number of factors that contribute to coastal erosion, including:

- **Sea level rise:** As the sea level rises, the waves and tides can reach higher up the beach, which can erode the land more quickly.
- **Storms:** Storms can generate large waves that can cause significant erosion.
- **Coastal development:** Coastal development can alter the natural flow of water and sediment, which can lead to erosion. For example, the

construction of jetties and groins can disrupt the natural flow of sand along the beach, which can cause erosion in some areas and accretion in others.

- **Climate change:** Climate change is causing the sea level to rise and storms to become more intense, which is accelerating coastal erosion.

Coastal erosion can have a number of negative consequences, including:

- **Loss of land:** Coastal erosion can cause the loss of land, which can damage homes, businesses, and infrastructure.
- **Damage to infrastructure:** Coastal erosion can damage infrastructure such as roads, bridges, and pipelines.
- **Loss of habitat:** Coastal erosion can destroy important habitats for fish and wildlife.
- **Economic losses:** Coastal erosion can cause economic losses due to the damage to property

and infrastructure, and the loss of tourism and recreation revenue.

There are a number of things that can be done to reduce the impacts of coastal erosion, including:

- **Beach nourishment:** Beach nourishment is the process of adding sand to the beach to help protect it from erosion.
- **Seawalls and groins:** Seawalls and groins are structures that are built to protect the coast from erosion.
- **Coastal setbacks:** Coastal setbacks are regulations that require new development to be built a certain distance from the coast.
- **Managed retreat:** Managed retreat is the process of moving development away from areas that are at risk of erosion.

Coastal erosion is a serious problem that is facing coastal communities around the world. It is important to understand the causes of coastal erosion and the

impacts that it can have. There are a number of things that can be done to reduce the impacts of coastal erosion, and it is important to work together to protect our coasts.

Chapter 1: The Lost Coast

The impact of coastal erosion on local communities

Coastal erosion is a major threat to local communities around the world. It can cause homes, businesses, and infrastructure to be destroyed, and it can also lead to the loss of land and resources.

The impact of coastal erosion on local communities can be devastating. Homes and businesses can be destroyed, and families can be displaced. Infrastructure, such as roads and bridges, can also be damaged, making it difficult for people to get around. In some cases, coastal erosion can even lead to the loss of land and resources, such as beaches and fishing grounds.

The economic impact of coastal erosion can also be significant. The loss of homes and businesses can lead to a decline in property values and tax revenues. The

damage to infrastructure can also make it more difficult for businesses to operate, and it can lead to job losses. In some cases, coastal erosion can even lead to the abandonment of entire communities.

The social impact of coastal erosion can also be significant. The loss of homes and businesses can lead to the breakup of families and communities. The displacement of people can also lead to social problems, such as crime and poverty. In some cases, coastal erosion can even lead to the loss of cultural heritage, such as historical sites and landmarks.

Coastal erosion is a serious threat to local communities around the world. It can cause widespread damage and destruction, and it can have a devastating impact on the economy and social fabric of communities. It is important to take steps to address the problem of coastal erosion and to protect our communities from its impacts.

Chapter 1: The Lost Coast

The history of coastal erosion in the area

The coast of Maine has been eroding for thousands of years. The rate of erosion has varied over time, but it has been accelerating in recent decades due to climate change.

The most significant factor contributing to coastal erosion in Maine is sea level rise. As the ocean level rises, it puts more pressure on the coastline, causing it to erode. In addition, storms and waves can also cause significant erosion.

The effects of coastal erosion can be devastating. Erosion can damage homes, businesses, and infrastructure. It can also lead to the loss of beaches and other natural resources.

In some cases, coastal erosion can even force people to relocate. In the town of Kittery, Maine, for example,

dozens of homes have been lost to erosion in recent years.

The history of coastal erosion in Maine is a reminder of the power of nature. It is also a reminder of the importance of taking steps to protect our coastline from the effects of erosion.

Paragraph 2

The first European settlers in Maine arrived in the early 17th century. They found a coastline that was constantly changing. The coastline was shaped by the forces of erosion, deposition, and subsidence.

Erosion is the process by which waves and currents wear away the land. Deposition is the process by which sediment is deposited on the land. Subsidence is the process by which the land sinks.

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The history of coastal erosion in Maine is a reminder of the power of nature. It is also a reminder of the importance of taking steps to protect our coastline from the effects of erosion.

One way to protect the coastline is to build seawalls and other structures to hold back the waves. Another way to protect the coastline is to restore wetlands and other natural buffers. Wetlands and other natural buffers can help to absorb the energy of waves and storms.

Paragraph 5

The coastline of Maine is a valuable resource. It provides us with food, recreation, and transportation. It is also home to a variety of plants and animals.

We must take steps to protect our coastline from the effects of erosion. By doing so, we can ensure that

future generations can enjoy the benefits of our coastline.

Paragraph 6

Coastal erosion is a complex issue with no easy solutions. However, by working together, we can develop strategies to protect our coastline and mitigate the effects of erosion.

This extract presents the opening three sections of the first chapter.

Discover the complete 10 chapters and 50 sections by purchasing the book, now available in various formats.

Table of Contents

Chapter 1: The Lost Coast * Coastal erosion and its causes * The impact of coastal erosion on local communities * The history of coastal erosion in the area * Efforts to protect the coast from erosion * The future of the coast

Chapter 2: The Disinherited * The people who have been displaced by coastal erosion * The challenges faced by displaced people * The government's response to displacement * The role of NGOs in helping displaced people * The future of displaced people

Chapter 3: The Heirs * The people who have inherited the coast * The benefits of inheriting the coast * The challenges of inheriting the coast * The responsibilities of inheriting the coast * The future of the coast for heirs

Chapter 4: The Broken Coast * The physical damage caused by coastal erosion * The economic damage

caused by coastal erosion * The social damage caused by coastal erosion * The environmental damage caused by coastal erosion * The future of the coast if it is not repaired

Chapter 5: The Repaired Coast * The methods used to repair the coast * The benefits of repairing the coast * The challenges of repairing the coast * The cost of repairing the coast * The future of the coast if it is repaired

Chapter 6: The Protected Coast * The methods used to protect the coast * The benefits of protecting the coast * The challenges of protecting the coast * The cost of protecting the coast * The future of the coast if it is protected

Chapter 7: The Resilient Coast * The factors that make a coast resilient to erosion * The benefits of a resilient coast * The challenges of creating a resilient coast * The cost of creating a resilient coast * The future of the coast if it is made resilient

Chapter 8: The Sustainable Coast * The factors that make a coast sustainable * The benefits of a sustainable coast * The challenges of creating a sustainable coast * The cost of creating a sustainable coast * The future of the coast if it is made sustainable

Chapter 9: The Thriving Coast * The factors that make a coast thrive * The benefits of a thriving coast * The challenges of creating a thriving coast * The cost of creating a thriving coast * The future of the coast if it thrives

Chapter 10: The Future Coast * The possible futures of the coast * The factors that will determine the future of the coast * The choices that we can make to shape the future of the coast * The responsibilities that we have to the future of the coast * The hope for the future of the coast

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