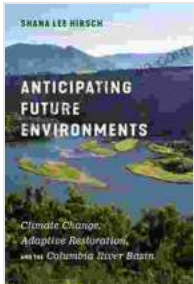


Climate Change Adaptive Restoration and the Columbia River Basin



Anticipating Future Environments: Climate Change, Adaptive Restoration, and the Columbia River Basin

by Kazuya Saito

★★★★★ 5 out of 5

Language : English
File size : 2306 KB
Text-to-Speech : Enabled
Screen Reader : Supported
Enhanced typesetting : Enabled
Word Wise : Enabled
Print length : 226 pages



A Guide for Landowners, Land Managers, and Policymakers

The Columbia River Basin is one of the most important river basins in the world. It provides water for millions of people, supports a thriving agricultural industry, and is home to a diverse array of fish and wildlife. However, the Columbia River Basin is also facing a serious threat from climate change.

Climate change is already having a significant impact on the Columbia River Basin. The average temperature in the basin has increased by more than 2 degrees Fahrenheit in the last century, and this trend is expected to continue in the future. As the climate warms, the snowpack in the mountains is melting earlier and faster, and the runoff from the snowpack is decreasing. This is leading to lower water levels in the Columbia River and

its tributaries, which is having a negative impact on fish and wildlife, agriculture, and hydropower production.

In addition to the impacts of climate change that are already being felt, the Columbia River Basin is also facing a number of future threats. These threats include:

- Increased flooding
- More frequent and severe droughts
- Changes in the timing and magnitude of peak flows
- Increased water temperatures

These threats pose a significant challenge to the Columbia River Basin and its residents. However, there is still time to take action to adapt to climate change and protect the basin's resources.

Climate Change Adaptive Restoration and the Columbia River Basin is a comprehensive guide to climate change adaptation for landowners, land managers, and policymakers in the Columbia River Basin. The book provides detailed information on the latest climate science, the impacts of climate change on the Columbia River Basin, and strategies for adapting to climate change through restoration.

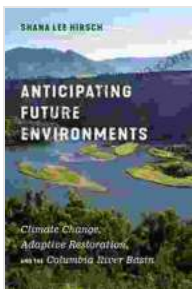
The book is divided into three parts:

1. Part 1 provides an overview of climate change and its impacts on the Columbia River Basin.

2. Part 2 provides detailed guidance on climate change adaptation strategies for landowners and land managers.
3. Part 3 provides information on climate change adaptation policies and programs for policymakers.

Climate Change Adaptive Restoration and the Columbia River Basin is an essential resource for anyone who is interested in protecting the Columbia River Basin from the impacts of climate change. The book provides clear, concise, and actionable information on climate change adaptation strategies that can be implemented by landowners, land managers, and policymakers.

To learn more about climate change adaptation and the Columbia River Basin, please visit the Climate Adaptation Science Center website:
<https://www.climateadaptation.uw.edu/>



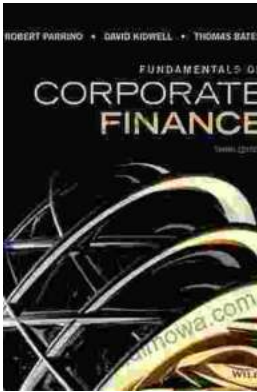
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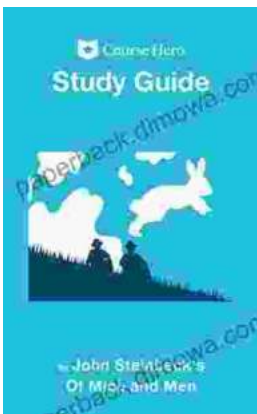
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