Water: The Essential Guide to One of Nature's Most Precious Resources

By Seymour Simon

Water is essential for life on Earth. It makes up about 70% of our planet's surface, and it's found in all living things. We need water to drink, to grow food, and to generate electricity. But water is also a finite resource, and it's becoming increasingly scarce in many parts of the world.



Screen Reader: Supported



This book explores the many ways water affects our planet. We'll learn about the water cycle, the different types of water bodies, and the ways that water is used by humans. We'll also discuss the impact of climate change on water resources, and we'll explore ways to conserve water and protect this precious resource.

The Water Cycle

The water cycle is the continuous movement of water between the Earth's atmosphere, land, and oceans. It's a complex system, but it can be boiled down to a few basic steps:

- 1. Evaporation: Water evaporates from the Earth's surface into the atmosphere.
- 2. Condensation: Water vapor in the atmosphere condenses into clouds.
- 3. Precipitation: Water falls from the clouds to the Earth's surface as rain, snow, sleet, or hail.
- 4. Runoff: Water flows over the Earth's surface and into rivers, streams, and lakes.
- 5. Infiltration: Water seeps into the ground and becomes groundwater.

The water cycle is a continuous process, and it's essential for life on Earth. It provides us with the fresh water we need to drink, grow food, and generate electricity.

Types of Water Bodies

There are many different types of water bodies on Earth, including:

- Oceans: Oceans are large bodies of saltwater that cover about 70% of the Earth's surface.
- Seas: Seas are smaller than oceans, and they are usually partially enclosed by land.
- Lakes: Lakes are inland bodies of water that are surrounded by land.
- Rivers: Rivers are flowing bodies of water that carry water from one place to another.
- Streams: Streams are smaller than rivers, and they often flow into rivers.

 Wetlands: Wetlands are areas of land that are covered in water for at least part of the year.

Each type of water body has its own unique characteristics, and they all play an important role in the water cycle.



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