

2011-2012 WHRO VideoClassroom Preview

Series Title: Water & Life
Curriculum Area: Science
Grades: 4-9
of Programs/Length: 16/15:00 minute programs

Water is the essential body ingredient, habitat and keystone to our quality of life. Most living organisms are composed largely of water, with humans and other mammals being about 70% water. Bio diversity is abundant in well-watered habitats, but even water's scarcity in the desert biomes reveals important adaptations for preserving enough liquid for life to thrive. Recent HD footage shows students and educators the breadth and details of the glorious variety of life's forms, functions and adaptations in water environments, with more clarity, power and concern than any previously seen. With water poised to become an even more important resource than oil, this series examines the biodiversity that thrives in water ecosystems.

- 1.) **Water Makes Life Possible**
- 2.) **The Water Cycle (5:00 Preview Segment)**
- 3.) **Mountain Lake & Stream Ecosystems**
- 4.) **Frozen Ecosystem Adaptations**
- 5.) **River Ecosystems**
- 6.) **Rainforest Adaptations**
- 7.) **Freshwater Wetlands**
- 8.) **Water Surface Ecosystems**
- 9.) **Desert Adaptations**
- 10.) **Aquifer Ecosystems**
- 11.) **Tidal Beach Ecosystems**
- 12.) **Coral Reef Symbiosis**
- 13.) **Seabed Ecosystems**
- 14.) **Open Sea Ecosystems**
- 15.) **Human Impact On Water**
- 16.) **Climate Change & Water**