

South Florida Water Management District Resource List



THE RESOURCE MATERIALS ARE AVAILABLE "FREE" TO ALL EDUCATORS

Posters

- Satellite Image of South Florida—Kissimmee-Okeechobee-Everglades ecosystem information on back. *Also available in Spanish.*
- Hydrologic Cycle—Graphic depiction of the water cycle/precipitation, evaporation and condensation.
- Water: Sharing the Resource—Conservation message/many users of water
- Saving Water Saves the Everglades—2001 Earth Day Poster with inspirational message about the Everglades.
- Celebrating America's Everglades—2002 Earth Day Poster
- Birds – 2003 Poster
- Be Water Smart—Water conservation tips.

Videos *(All videos are not in stock. Many will require time for duplication.)*

- We Are the SFWMD (12:40 min.)—Features the people in the many jobs that support the District's mission. 1998 *Also available in Spanish.*
- When We Talk About the Environment . . . We Mean Business (3:45 min.) An employee recruitment and training program. 1996
- Kissimmee River of Dreams (26:46 min.)—An overview of the historic, once wild river, channelized into the C-38 canal in the 1960s, and current efforts to restore it. 1997
- Run River Run (28:09 min.)—An earlier view of efforts to restore Central Florida's Kissimmee River. 1989
- Shingle Creek: In Search of its True Character (5:40 min)--How citizens and public agencies are working together to return a historic waterway in Orange and Osceola Counties to a more natural-like state. (2000)
- Florida's Fragile State - Globe Scope (10:00 min.)—A narrated slide show converted to video showing the impacts of growth and development on Florida. Highlights programs to restore/preserve natural systems. 1991
- Storm of '28—Recounts events surrounding the 1928 hurricane in Palm Beach County as told by survivors of the storm.
- Hurricane Andrew: After the Storm (12:30 min)—The impact of the storm on the water control systems of the region, and how the District worked to clean up and restore damaged systems. 1992
- WH20 TV News Break (Twenty 2 ½ -minute shorts)—Developed to show in schools during morning announcements. Treat 20 topics on south Florida water issues such as conservation, the Everglades, water supply ASR, etc.
- Clear Waters: Managing South Florida's Aquatic Plants (23:00 min.)—Profiles efforts to control exotic plants from other regions of the world that clog waterways and choke out native plants and animals.

- The City of West Palm Beach presents “Raincatcher” (9:30 min.)—Produced by the city. Highlights the city’s water supply, which is surface water, collected in the Loxahatchee Preserve, not groundwater. Dated.
- Lake Worth Lagoon: Saving Natures Nursery (29:30 min.)—A history of the formation of the Lake Worth Lagoon, settlement around the inlet, and the impact that modern development has had on its ecological productivity. 1998

Youth Educational Resources

Core Teaching Materials:

The SFWMD provides “core” education materials for use with elementary, middle and high school age youth. ***Teachers obtain these in class sets with a teacher’s guide and accompanying materials, along with instructions on how to use them by taking workshops sponsored by the SFWMD.***

Workshops for teachers at all levels, K—12, use the reference materials and the appropriate Modular Presentations (with the accompanying materials) listed above as well as the “core” materials listed here – plus much, much more. (See <http://www.sfwmd.gov/stude/projwet.html> and <http://www.sfwmd.gov/stude/daw.html> for workshop dates and locations.

- Water for Us All (student book and teacher’s guide), developed for third or fourth grade students, builds on the premise that every living thing needs water. The properties of water, the water cycle, uses of water, places to find water and water conservation are topics that are presented by Freddy the Alligator, protector of the Everglades who even teaches a song about water. *Also available in Spanish.*
- Water for South Florida (student book and teacher’s guide), continues the theme that every living thing needs water, but treats in depth the many uses of water by many different users. Weather and climate, flood and drought, geography, geology, soils, aquifers and natural systems are made relevant to south Florida and are presented by Freddy the Alligator, protector of the Everglades. The managed, people-made water system of South Florida is discussed in its historical context and current management. How natural water is treated for drinking and how wastewater is treated; pollution and solutions; water conservation and finding new sources for water are all topics. Accompanying poster and video. *Also available in Spanish.*
- Project WET Curriculum Guide and Activity Guide (Available to formal and non-formal teachers, *only* through workshops) The five water management districts in Florida sponsor Project WET—Water Education for Teachers. This comprehensive guide provides hands-on, interdisciplinary activities to aid in teaching/learning about water for all ages—kindergarten through adult. Stresses critical thinking and problem solving. Addresses water’s chemical and physical properties, water quantity and quality issues, aquatic and plant and animal life, ecosystems and water management strategies. Workshops teach how to use the guide and model at least six of the ninety activities.
- Conserve Water: Educator’s Guide—(Available *only* through workshops) A collection of hands-on activities and real world case studies that explore information and issues surrounding water conservation. The case studies emphasize thinking and process skills such as gathering, organizing, analyzing, interpreting and applying information.
- The Everglades An American Treasure –Develop for middle schools and high school designed to increase awareness and understanding of the Everglades. Developed in conjunction with the Newspapers In Education program, Everglades - An American Treasure will bring to the interconnected Kissimmee-Okeechobee- watershed and the

unprecedented state/federal efforts now under way to restore and revitalize this extraordinary ecosystem. (Complete lesson includes student booklet, FCAT ready teacher guide, poster and special companion video produced by the Cousteau Foundation.)

- The Everglades: Florida's Treasure—Four primary levels of vocabulary, information and activities centered on the Everglades with teacher's guide (Pre-K, K, 1 and 2)
- Read-Aloud/Big Books (Set of 4 beautifully illustrated books with accompanying teacher's guide, audio recording and FCAT prompts) Great resource for Pre-K through 2nd grades! To quote Dr. Nancy Romance, with the Area Center for Educational Enhancement (ACEE) ... ***"they are rich."***
 1. It's a Rainy, Rainy Day—Everyone and everything needs rain. A rainy day adventure demonstrates what can be wonderful and exciting about a rainy, rainy day.
 2. The Legend of Halpate Chobi— (Contains a helpful pronunciation guide.) A story about a Seminole boy and his grandfather in the Everglades, it relates history, culture and folkways of the Seminole people in Florida while telling the story of how alligators dig holes that serve useful purposes during a drought.
 3. The Amazing Magic Potion—A story, in rhyme and picture, of a magic potion that is needed by all plants and animals: "What is this potion? What could it be? It's cool, and it's magic. It's WATER, you see."
 4. If I Had a Wish For Water—An illustrated poem that promotes a water conservation ethic through a series of wishes for wise use of water.

Other Elementary Level Materials:

- Solving Florida's Water Puzzle—A newspaper insert designed for Newspapers in Education, Spring 2001. Conservation message specific to south Florida with basic facts about water, how to conduct a Home Water Use Audit, and information about future plans to increase the water supply.
- Water Drops—A series of elementary school level publications by Southwest Florida Water Management District on a variety of water-related topics such as estuaries, weather and climate and conservation. All are available on the Information and Education section of their web site at www.WaterMatters.org. Reprints of the water conservation issue are available at SFWMD.
- Water Follies— See Videos. Humorous video with water conservation theme.
- WH20 TV News Break—See Videos. Twenty shorts (2 ½ minutes) on water topics. Developed for morning announcements.
- Water Follies—See Videos. Humorous with water conservation message.

Other Middle and High School Level Materials

- Modular Presentations and Accompanying Materials, as appropriate. See Above.
- Lake Worth Lagoon: Saving Nature's Nursery—See Videos. (29:30 minutes) A history of the formation of the Lake Worth Lagoon, settlement around the inlet, and the impact that modern development has had on its ecological productivity. Accompanying Teacher's Guide. 1998
- Storm of '28—A newspaper insert designed for Newspapers in Education, Fall 2001. Weather, climate, geography, history, math, science and literature combine to tell the story of the 1928 Hurricane in Palm Beach County. Accompanying video.
- The Everglades—A newspaper insert designed for Newspapers in Education. Everglades history, geology, biology, climate and weather. Threats to the ecosystem and plans for restoration – (Teacher guides for 8th and 9th grades available.)

- WH20 TV News Break— See Videos. Twenty “shorts” (2 ½ --3 minutes) on water topics. Developed for morning announcements.

Special Tools *(These items may be able available to borrow through the various service centers for special events, classes or demonstrations. Advanced reservations are suggested.)*
See this site for a center closest to you http://www.sfwmd.gov/organ/2_servicctr.html

- EnviroScape Model—A tabletop model that is used to provide demonstrations on the importance of wetlands in protecting lakes, rivers and bays, and in providing flood protection. Useful with children and adults. Excellent visual aid.
- Watershed Box—A collection of books, puppets and other teaching tools with activities to teach about water. Teacher’s guide.
- Water Wheel—A game wheel, useful for classes or at fairs and events. Has questions corresponding to colors on the wheel. Participants win prizes.
- Jeopardy Game—A game board similar to TV’s Jeopardy teaches about the Everglades and the Comprehensive Everglades Restoration Plan.
- Water Squirts Box—All the tools and instructions to prepare staff to go into an elementary level classroom (or after school program, faith-based group, scouting program, etc.) and teach about water. Games, quizzes, teaching tools, prizes. [Currently available only to staff.]

Miscellaneous (limited quantities available)

- Water Conservation magnets
- Water Conservation sponges
- Water Conservation bookmarks
- Plastic bags for use at events
- Freddy Stickers—Freddy the Alligator decals with water conservation tips.
- Everglades Book Cover—Ready-to-Color book cover with Everglades motif
- Freddy on a Skateboard & Wacky Wildlife—Coloring sheet. Wacky Wildlife has conservation theme.)
- What’s Wrong with this Picture—Coloring sheet, pollution prevention theme.
- SFWMD logo stickers (forward adhesive)
- SFWMD logo stickers (reverse adhesive)
- Hotel tent cards and restaurant tabletop cards—water conservation message

**FOR MORE INFORMATION ABOUT EDUCATION RESOURCES
CONTACT SANDY JURBAN
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HAVE A GREAT SCHOOL YEAR
AND
REMEMBER ... ***FLORIDA WATERS -- IT’S WORTH SAVING***

