

# Hydrology of the Big Cypress Swamp and Everglades

## Using The Water Cycle Approach

Robert V. Sobczak, PA E '92

Hydrologist

Big Cypress National Preserve



**The Talk:** Do you or a close friend enjoy following the weather, but yearn for more? Wait no longer! Bob is on hand to shed light on both a mythical land called the Big Cypress Swamp and its relation to one of the nation's biggest ecosystem restoration efforts in the Everglades. Bob's unique "water cycle approach" not only reinvents the wheel (i.e. the water wheel), it will serve as a discussion for how the water cycle serves as both a passport for connecting us and our communities closer to nature and a complementary proxy for getting in sync with the season.

**The Speaker:** Bob is a National Park Service hydrologist at Big Cypress National Preserve and author of the Go Hydrology! <http://gohydrology.org> website which specializes in translating the water cycle into formats that lay and technical audiences can understand and enjoy. Bob started his career as a hydrologist in the outermost arm of Cape Cod digging into data to figure out how ground and surface waters connect at a small cluster of vernal pools perched in the coastal dunes. Bob received a Civil Engineering degree at Lafayette College in Easton, Pennsylvania, and a Master of Science in Hydrology and Water Resources at the University of Arizona in Tucson. Bob is also co-author of the Centennial Campfire Trilogy, which includes the three books *The Legend of Campfire Charlie* (2016), *Last Stand at Boulder Ridge* (2018), and *Final Campfire* (2020) and a forthcoming abridged version of all three (in 2023) available at <https://campfirepark.org>.

**Registration link:**

[https://tbp-org.zoom.us/meeting/register/tZltdOCsqT0oHNb5AMotm\\_mvOisk666vjjLm](https://tbp-org.zoom.us/meeting/register/tZltdOCsqT0oHNb5AMotm_mvOisk666vjjLm)