

Water: Hydrology and Aquatic Ecology

CAMN Class 2019
February 9, 2019
Meadows Center for Water and the Environment
201 San Marcos Springs Dr.
San Marcos Texas 78666

Class Coordinators:

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TMN Curriculum: Units 9, 18, 19

Items to Bring:

- Lunch, snacks, water
- Appropriate clothing for the weather. We will be outdoors in the afternoon for activities

Agenda

8:30 Arrive, eat breakfast, student interpretive presentation

9:00 Introduction/Overview

9:15 Groundwater and Surface Water in Texas (60 min)-*Dr. Robert Mace, Meadows Center for Water and the Environment, Deputy Executive Director & Professor of Practice in Geography*

10:15 Break

10:30 Fishes of Central Texas (60 min)-*Stephen Curtis, Aquatic Biologist, River Studies Program, Texas Parks and Wildlife Department (60 min)*

11:30 Break

11:45 Round Table Lunch- discussion of presentations and prep for activities (60 min)

12:45 Break

1:00 Activities-Meadows Center Staff

- Glass bottom boat rides
- Wetlands tour

- Macro invertebrate sampling
- Water quality testing

2:30-3:00 Wrap Up and Closing Discussion

Resources

Water for Texas, 2017 State Water Plan available at:

<https://www.twdb.texas.gov/waterplanning/swp/2017/index.asp>

Texas Surface Water Quality Standards available at

https://www.tceq.texas.gov/waterquality/standards/eq_swqs.html

Texas Parks & Wildlife Aquatic Species Conservation <https://tpwd.texas.gov/landwater/water/conservation/>

Huester, Verne Rivers of Texas Texas A&M University Press 2000

Reisner, Marc Cadillac Desert Penguin Books 1993

deBuys, William A A Great Aridness Oxford University Press 2011

McGraw, Seamus A Thirsty Land University of Texas Press 2018