



## 2017 SPRINGS FIELD SCHOOL TENATIVE SCHEDULE

### DAY 1: SUNDAY, AUGUST 20TH

**FIELD TRIP:** Salt Springs

**TOPIC:** Introduction to Florida Springs

1. Introduction to spring ecosystems
2. Groundwater distribution
3. Florida water balance and climatic variability
4. Groundwater quality
5. Spring classification and distribution
6. Watershed and springshed contributions
7. Springs water quality
8. Florida's karst geology

### DAY 2: MONDAY, AUGUST 21ST

**FIELD TRIP:** Silver Springs State Park

**TOPIC:** Biological and Ecological Variability of Florida Springs

1. Primary producers
2. Primary consumers
3. Higher level consumers
4. Detritivores
5. Ecosystem structure and function
6. Consumer control and carrying capacity
7. Energy flows
8. Ecological efficiency

### DAY 3: TUESDAY, AUGUST 22ND

**FIELD TRIP:** Silver Glen Springs

**TOPIC:** Human Impacts and Management of Florida Springs

1. Reductions in spring discharge and MFLs
2. Nutrient enrichment and TMDLs/BMAPs
3. Sedimentation
4. Aquatic plant management effects
5. Recreational impacts
6. Other water resource projects
7. Publically-owned springs
8. Listed species
9. New state and local regulations

### DAY 4: WEDNESDAY, AUGUST 23RD

**FIELD TRIP:** Juniper Springs

**TOPIC:** Future of Florida Springs

1. Nutrient controls/best management practices
2. Water permitting/conservation
3. A new environmental ethic