

ACST - Arizona Rivers Workshop
July 13-16, 2009; Biosphere 2; Oracle, AZ

1. Sunday, Jul 12

- 2:00 Pack equipment at UA
- 3-4 Drive to Biosphere 2
- 4-6 Unload, check-in
- 6:30 Dinner
- 7:00 Introductions
 - Program Overview (JW)
- 7:30 Field methods briefing
 - Life Sci. – Bird Calls (MPLW)
- 8:00 End AZrivers session

- Looking at the data (all)
- GLOBE data entry (MW)
- 1:45 Field methods briefing
 - Life Sci. – Ecologic sampling
 - Riparian issues (JW)
- 2:30 Break (~15)
 - Riparian plant ID (tbd)
 - Plant biodiversity index
- 4:00 End AZrivers session
- 6:30 Dinner

2. Monday, Jul 13

- 6:00-6:30 Breakfast
- 6:30 Vans leave for field
- 7 am- 9:00 field trip to CSP
 - Life Sci. in the field – Birds
- 10:00 Scientific methods
 - Why use Protocols? (MW)
 - Why use GPS? (JW)
- 10:45 Break (15)
- 11:00 Implementation
 - Examples of projects - brief
 - Class management (JM)
- 11:45 Lunch at Biosphere 2
- 12:30 Intro to GLOBE Program (MW)
- 1:00 Data base, Graphs (JW)
- 1:30 Field methods briefing
 - Life Sci. – Macro Invertebrates
- 2:30 Break (~15)
 - Physical Sci. –WQ calibration
- 4:00 End AZrivers session
- 6:30 Dinner/ ASCT speaker

3. Tuesday, Jul 14

- 6:00-6:30 Breakfast
- 6:30 Vans leave for field
- 7-10:30 field trip - CSP
 - Site overview
 - Life Sci. in the field - Macro-invertebrates
 - Physical Sci. in the field - Water Quality
- 11:15 Lunch at Biosphere 2
- 12:00 Data analysis

4. Wednesday, Jul 15

- 6:00-6:30 Breakfast
- 6:30 Vans leave for field
- 7-10:00 field trip - CSP
 - Life Sci. in the field – Transects
- 10:45 Looking at the data (all)
- 11:15 Lunch at Biosphere 2
- 12:00 Project & Research ideas (JM)
More examples of projects ...
- 1:30 Feedback & Evaluation
 - o Graduation
- 2:00 End AZrivers workshop
- 2:00 Break (30)
- 6:30 Dinner/ ACST Speaker

5. Thursday, Jul 16

- 6:30-7:30 Breakfast
- Depart for Kartchner Caverns
- 7:00 Van 1
- 7:20 Van 2
- 7:40 Van 3
- 9-10 Arrive at Kartchner Caverns
- 9:40-11:00 Tour group A
- 10:00-11:30 Tour group B
- 10:20-11:50 Tour group C
- 12:00 Bag lunch after tour
- 1-2 Depart for Biosphere 2
- 3-4 Arrive Biosphere 2

Orange – Science as Inquiry
Green – Life Science
Blue – Physical Science