

Arizona Rivers Workshop
Aug. 6-8, Phoenix College, Dalby 106

1. Monday, August 6 (min)

- 7:30 Continental Breakfast at PC (30)
- 8:00 Introductions (30) All
- Program Overview/Mission and Goals (30) JW
- Critical Env. Issues (10 ea)
 - Riparian Plant Communities - EOB
 - Restoration & Enhancement - HW
 - Assessments – what’s healthy - JW
- 9:30 Break (15)
- Temperature sampling activity – limited directions (30) - MPLW
- Examples of projects or possible projects (10 ea)
 - Madden – Classroom Audubon project
 - Moore – Classroom aquariums
 - Watson – Rio Salado project video
 - Tina Salata – Service at Salado
- GLOBE – JW & ML
 - Overview (15)
 - Web site (15)

12:00 Lunch at PC (45)

- GPS & Mapping
 - Site mapping – basic ideas (30) CS
 - GPS mapping Activity (30) JW
- Channel Morphology
 - Terms and concepts (30) CS
 - Ephemeral recharge (15) MH
- Macro Invertebrates
 - Terms and concepts (15) EP
 - Sorting/Diversity activity (30) JW
- 3:30 Break (15)
- Water Quality – MPLW & JM
 - Terms and concepts (15)
 - Equipment Calibration (60)
 - GLOBE data entry (30)
- Field Trip Preparation
 - Group designations & equip (10) JW
- 5:30

2. Tuesday, August 7

- 7:30 Vans leave PC/hotel for field
- 8 am- 11:30 Rio Salado field trip
- Collaborator Briefing – Site overview
 - Phoenix Parks and Rec. Dept (15)
 - Eric Proctor of AZ Game & Fish (15)
- Physical Environment
 - Channel slope and geomorph (60) CS & MH
- Water Quality (split group) – JM & MPLW
 - temp, pH, turbidity, DO (30)
 - cond, Alk, Nitrates (30)
- Macro-invertebrates (split group) – EOB & EP
 - Sampling/Sorting Techniques (15)
 - Field ID (30)
 - Crayfish issues (15)

12:00 Lunch at PC (45)

- Stereo scope w/ Macro-invertebrates (as avail)
- By the numbers / data analysis (60) JW w/All
 - WQ & Macros
 - Databases, Integration of data
 - Questions
- Ecologic Sampling
 - Plant classification activity (45) MPLW
 - Ecologic sampling & transects (30) PP
- Break (15)
- Plants - PP & EOB
 - Dichotomous keys (15)
 - Plant transect activity (30)
 - Invasive species (15)
- Birds - AZ Audubon
 - Trends and issues (15)
 - Equipment and protocols (30)
 - Campus bird practice (30)
- Field Trip Preparation
 - Group designations & equip (10) PP
- 5:30

3. Wednesday, August 8

- 7:30 Vans leave PC/hotel for field
- 8 am- 11:30 Rio Salado field trip
- Class management/Project discussion (30) JM
- Collaborator Briefing – Tice Supplee and Cathy Wise of AZ Audubon (10)
- Birds (split group) – AZ Audubon (70)
 - Census Techniques
 - Behavior
- Plants (split group) – PP & EOB (70)
 - Transects
 - Exotics

11:30 Lunch at PC (45)

- Resource Table – All (as avail)
- By the numbers / data analysis (60) PP w/All
 - Biometry, Transects
 - Databases, Integration of data
 - Questions
- GLOBE data archive (30) JW & ML
- Collaborations & Mentors (10 ea)
 - Candice Rupprecht of Master Watershed Stewards
 - EOB of Ecology Explorers
 - Tice Supplee & Cathy Wise of AZ Audubon
 - Eric Proctor of AZ Game & Fish
 - Participants
- Break (15)
- Implementation
 - Asking Science questions (15) JM
 - Project & Research ideas (15) MPLW
 - Connecting with students (15) JW
- Evaluation & Graduation (15) MPLW
- 4:30