

Southwestern Springs Ecosystems Symposium

Preliminary Agenda, subject to change

June 4th through 6th, 2018

Hosted at the Museum of Northern Arizona in partnership with the National Park Service

3101 N. Fort Valley Road, Flagstaff, AZ 86001

Goals and Purpose: The purpose of this springs symposium is to provide a venue for regional and national researchers and managers to discuss recent advances and challenges in springs stewardship, research, and monitoring with a focus on the American Southwest. Proceedings from the symposium will be published and publicly available to help guide and support future research and management of both regional springs resources and national/international springs and springs ecosystem processes.

Background: In arid regions of the American Southwest, springs are well known to support unique and localized ecosystems, contain high levels of biodiversity, provide critical water supplies for upland wildlife communities, harbor numerous rare and endemic plants and animals, and support human communities. Threats to both regional and national springs include uncontrolled livestock access, development for human use, fire, invasion of exotic species, and recreational overuse. Future climate predictions indicate that springs may be further altered by changes in snow precipitation, summer monsoonal patterns, and air temperature.

Schedule:

Monday, June 4th 2018:

3pm to 5pm, Registration and packet pickup, Museum of Northern Arizona Branigar-Chase Auditorium.

5pm to 7pm, Evening social and mixer, Museum of Northern Arizona courtyard. A light dinner and appetizers will be provided.

Tuesday, June 5th, all events are at the Branigar-Chase Auditorium unless noted.

8am: Plenary speaker (To be determined), and introduction by Dr. Larry Stevens (Springs Stewardship Institute).

9am: Sessions start (a more precise schedule will be provided once the abstract submission deadline window has closed. For now please consult the list of contributing sessions at the end of this document).

10:30am: 15 minute break

12:00pm: Lunch (provided, MNA courtyard)

1:00pm: Sessions resume

2:30pm: 15 minute break

5:00pm: Symposium ends for the day

Wednesday, June 6th, all events are at the Branigar-Chase Auditorium unless noted.

9am: Sessions start

10:30am: 15 minute break

12:00pm: Lunch (provided, MNA courtyard)

1:00pm: Sessions resume

2:30pm: 15 minute break

4:00pm: Moderated discussion on where the participants see more need for research or management dollars, what we as the community can do proactively to help realize those goals, and/or lessons learned from case studies.

4:50pm: Dr. Larry Stevens, concluding comments and reminder to submit papers for the proceedings publication.

5:00pm: Symposium ends for the day

Contributing Session Themes, in order of presentation:

- Advances in Springs Ecohydrology
- Springs Ecosystem Ecology
- Springs and Cultural Resources
- Impacts on Groundwater and Springs: Emerging Threats
- Geo-collaborative Approaches for Springs Information Technology
- Springs Ecosystem Management and Restoration
- Springs Inventory, Monitoring and Assessment Methods