## Agenda

### Complying with Water Quality Laws and Regulations
- L. Decker
  - State and federal water quality regulations
  - Stormwater regulations
  - Sewerage regulations
  - Industrial and agricultural programs
  - Public water supply
  - Water wells

### Understanding Arizona Groundwater Rights
- F. Breedlove
  - Ownership of groundwater
- C. Dixon
  - Regulation of groundwater rights
  - Obtaining groundwater rights
  - Application and permitting process
  - Current issues in groundwater rights

### Underground Storage and Recovery
- R. Billingsley
  - Types of water storage facilities
  - Applications and permitting
  - Water storage credits and accounting
  - Groundwater replenishment activities
  - Recovery of stored water
  - Recent developments and future challenges

### State and Regional Water Management and Planning
- S. Hood
  - Water resources
- R. Billingsley
  - Regional water planning
  - Recent developments
- S. Hood
  - Future projections and challenges

### Understanding Arizona Surface Water Rights
- S. Hood
  - Ownership of surface water
- R. Billingsley
  - Regulation of surface water rights
  - Obtaining surface water rights
  - Application and permitting process
  - Amending surface water rights
  - Adjudication of surface water rights
  - Subflow—the dividing line between surface water and groundwater
  - Current issues in surface water rights

## Arizona Water Laws & Regulations

### Arizona Water Laws & Regulations

#### Tempe, AZ - Wednesday, January 29, 2020

#### Learn
- about water quality laws and regulations, such as stormwater rules and public water supply regulations

#### Understand
- Arizona groundwater rights

#### Review
- underground water storage and recovery regulation and permitting

#### Arizona Water Laws & Regulations

#### Exploration
- state and regional water management and planning

#### Discuss
- Arizona surface water rights

#### Learn
- about water well permitting

### Continuing Education Credits

<table>
<thead>
<tr>
<th>Attorneys</th>
<th>6.0 Arizona CLE Hours</th>
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<tbody>
<tr>
<td>Floodplain Managers</td>
<td>6.0 ASFPM CECs</td>
</tr>
<tr>
<td>Professional Engineers, Geologists</td>
<td>6.0 Hour Non-Credit Learning Opportunity</td>
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</tbody>
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### Learning Objectives

#### You'll be able to:

- **Comply** with water quality laws and regulations, including stormwater regulations, sewerage regulations and regulation of public water supplies.
- **Identify** who owns Arizona groundwater rights, and learn about the permitting process for water wells.
- **Examine** underground water storage and recovery regulations.
- **Identify** state and regional water management issues including management of Colorado River resources.
- **Understand** who has rights to Arizona surface waters, and how these rights are exercised.

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D. Lee Decker is a shareholder with the Phoenix law firm of Gallagher & Kennedy. For over 28 years he has represented mining and other industry sectors in Arizona and its surrounding states with respect to various state and federal based water quality and mine reclamation and closure programs, including the aquifer protection permit program, Arizona’s pollutant discharge elimination system permit program, impaired water determinations and listings, development and implementation of total maximum daily load requirements, mined land reclamation and closure, development of surface and aquifer water quality standards, and state certification of federal water quality permits/approvals. He participates actively as a member of the Arizona Mining Association and Arizona Chamber of Commerce & Industry, and he lobbies federal and state governmental agencies on water quality regulatory, statutory, and policy based issues to the benefit of industry in Arizona. He currently serves as the vice chair for the Arizona Mining Association’s Water Quality Subcommittee. He also serves as the co-chair of the Arizona Chamber of Commerce & Industry Water Quality Subcommittee (formerly the Arizona Association of Industries Water Quality Subcommittee), a position he has filled since 2001. He is a fifth generation native of Arizona, having spent his early years (until college) in the northeastern Arizona town of Snowflake while working on his parents farm and cattle ranch.

Fred Breedlove is an attorney at Snell and Wilmer in Phoenix, Arizona, where he focuses his practice in environmental and natural resources. His previous experience includes managing the natural resource programs for the Arizona State Land Department, serving as legislative liaison for the Arizona Department of Water Resources, and as an attorney at Squire Patton Boggs. Mr. Breedlove has worked closely with ranchers and farmers to address resource management concerns including water rights, groundwater, cultural resources, grazed land restoration, invasive species, and environmental contamination. Mr. Breedlove has represented mining companies, land developers, private water and energy utility businesses, government agencies, and investment firms while in private practice, primarily on water resource planning and development matters.

Seminar Information

Seminar Information

Courtyard Tempe Downtown
601 South Ash Avenue
Tempe, AZ 85281
(480) 966-2800

Registration
8:00 - 8:30 am
Morning Session
8:30 - 11:45 am
Lunch (On your own) 11:45 am - 12:45 pm
Afternoon Session 12:45 - 4:00 pm

Continuing Education Credit Information
This seminar is open to the public. It offers 6.0 CLE hours to Arizona attorneys. The State Bar of Arizona does not approve or accredit CLE activities for the Mandatory Continuing Legal Education requirements of specialists. This activity may qualify for up to 6.0 hours toward your annual CLE requirement for the State Bar of Arizona, including 0.0 hours (0% of) professional responsibility and including 0.0 hours of advanced level training.
This course offers a 6.0-hour learning opportunity to Arizona professional engineers and geologists. Continuing education is not required for license maintenance in Arizona.
Professional engineers seeking continuing education credit in other states will be able to apply the hours earned at this course, in most states. Refer to specific state rules to determine eligibility.
The Association of State Floodplain Managers has approved this course for 6.0 CEUs.
Attendee will be monitored and attendance certificates will be available after the seminar for most individuals who complete the entire event. Attendance certificates not available at the seminar will be mailed to participants within fifteen business days.

Registration Information

Arizona Water Laws & Regulations
Tempe, AZ - Wednesday, January 29, 2020

How to Register
Online: www.halfmoonseminars.org
Phone: 715-835-5900
Fax: Code: 715-835-6066
Mail: HalfMoon Education Inc., PO Box 278, Altoona, WI 54720-0278

Complete the entire form. Attach duplicates if necessary.

Tuition
( ) I will be attending the live seminar. Single Registrant - $289.00. Three or more from the same company at the same time - $269.00 each.
( ) I am not attending. Please send me the self-study package:
Downloadable MPs Audio/PDF Manual for $269.00.
(S&H included. Please allow five weeks from seminar date for delivery)

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Additional Learning

Webinar Series
Floodplain Mapping and Regulation
• Floods, Floodplain and Introduction to Floodplain Management
Wed., Dec. 4, 2019, 11:00 AM - 12:30 PM CST
• Flood Maps and Flood Zones
Wed., Dec. 4, 2019, 10:00 - 2:30 PM CST
• Elevations in the National Flood Insurance Program (NFIP) and Floodplain Regulation
Thurs., Dec. 5, 2019, 7:00 AM - 12:30 PM CST
• Practical Floodplain Management
Thurs., Dec. 5, 2019, 1:00 - 3:00 PM CST

For more information and other online learning opportunities visit www.halfmoonseminars.org/webinar/

Can’t Attend? Order the Manual and Audio from the Live Seminar as a Self-Study Package! Audio recordings of this seminar are available for purchase starting at $209. See registration panel for more information and please refer to specific state licensing rules or certification requirements to determine if this learning method is eligible for continuing education credit.

Additional Information

Arizona Water Laws & Regulations