

[The University of Colorado at Boulder Law School](#)



Natural Resources Law Center

2004 Summer Conference — Groundwater in the West

[Presentations](#) and [Papers](#)

These documents are generally very large and require Adobe Acrobat Reader ([free](#)) or Microsoft PowerPoint Viewer ([free](#)) or Microsoft PowerPoint.

Presentations

Session One: Groundwater Science Basics

Moderator: Kathryn Mutz, Natural Resources Law Center

- [Survey of Groundwater Supplies and their Depletion](#), Alan Burns, U.S. Geological Survey
- [Overview of Groundwater Quality and Related Management Issues](#), Mike Wireman, Regional Groundwater Expert, EPA Region 8
- [Groundwater—Surface Water Interactions](#), Thomas Maddock III, Department of Hydrology, University of Arizona

Session Two: Groundwater Law Basics

Moderator: Justice Gregory Hobbs, Jr., Colorado Supreme Court

- [Overview of Groundwater Management Laws in the Western U.S.](#), Gary Bryner, Natural Resources Law Center and Brigham Young University (see also [Groundwater Law Sourcebook of the Western United States](#))
- *Federal Groundwater Rights and the Federal Role in Groundwater Policy*, John Leshy, Hastings College of the Law, University of California (no presentation provided)
- [Survey of Indian Groundwater Issues](#), Rodney Lewis, General Counsel, Gila River Tribe
- *Modeling and Expert Witnesses in Adversarial Settings*, Arthur Littleworth, Best, Best & Krieger LLP (no presentation provided)

Keynote Address

Robert Glennon, University of Arizona, author of [Water Follies: Groundwater Pumping and the Fate of America's Fresh Water](#) (no presentation provided)

Thursday, June 17, 2004: Regional Groundwater Issues (Past, Present, Future)

Session Three: Groundwater for the Industrial West

Moderator: Doug Kenney, Natural Resources Law Center

- [Black Mesa](#), Harris Sherman, Arnold and Porter and Counsel to the Hopi Tribe
- [Coalbed Methane: Overview of Ownership and Water Quality Issues](#), Tom Darin, Jackson Hole Conservation Alliance

Session Four: Transboundary Groundwater Issues

Moderator: Doug Kenney, Natural Resources Law Center

- [Western States' Compacts: Should Groundwater Be on the Table?](#), Rachael Paschal Osborn, Private Practice and Gonzaga Law School, and Tom Ring, Yakama Nation Water Resources Program
- [U.S.–Mexico Groundwater: A Shared Resource?](#), Steve Mumme, Colorado State University

Session Five: Regional Panels

Moderator: Kathryn Mutz, Natural Resources Law Center

- *Groundwater Resources of the Plains: From the Edwards to the Ogallala*, Ron Kaiser, Texas A&M University ([Kaiser presentation](#)); Raymond Supalla, Department of Agricultural Economics, University of Nebraska ([Supalla presentation](#))
- *Groundwater Resources of the Lower Colorado Region*, Michael Fife, Hatch and Parent ([Fife presentation](#)); John Entsminger, Deputy Counsel, Southern Nevada Water Authority ([Entsminger presentation](#)); Timothy Henley, Manager, Arizona Water Banking Authority ([Henley paper](#))

Friday, June 18, 2004: A Primer on Western Groundwater**Session Six: A Colorado Groundwater Primer**

Moderator: James Corbridge, University of Colorado Law School

- [Groundwater Resources in Colorado: The Groundwater Atlas](#), Matthew Sares, Chief, Environmental Geology Section, Colorado Geological Survey
- [Intro to Ground Water Law in Colorado](#), David Harrison, Veronica Sperling, and Steven Sims (see also [Harrison and Sims paper](#))
- *Surface-Groundwater Conflicts on the South Platte: Effect of Drought on Laws, Regulations and Water Use*, Steve Sims, Colorado Office of the Attorney General (see also [Harrison and Sims paper](#))
- [Groundwater Management: Lessons from Colorado v. Kansas](#), David Robbins, Hill & Robbins PC
- [Conjunctive Use in the South Denver Metro Region: Opportunities and Challenges](#), Patricia Wells, General Counsel, Denver Water

Session Seven: The Future of Groundwater in the West

Moderator: Jim Martin, Natural Resources Law Center

- [Presentation Outline](#) (pdf), James Lochhead, Brownstein, Hyatt, & Farber PC
- Don Ament, Colorado Department of Agriculture; Tom Cech, Central Colorado Water Conservancy District; Russell George, Colorado Department of Natural Resources (no presentations provided)

[\[top\]](#)

Papers**Session One: Groundwater Science Basics**

- [Rock Talk](#), Peter Barkmann, Colorado Department of Natural Resources

Session Two: Groundwater Law Basics

- [Where We Are, Where We've Been](#) from *Colorado Water Newsletter of the Water Center of Colorado State University* (April 2004) by Justice Gregory Hobbs
- Justice Gregory Hobbs: [This Year's Water Buffalo](#) (a poem)

Session Three: Groundwater for the Industrial West

- [The Water Report: Water Rights, Water Quality & Water Solutions in the West](#), by Tom Darin, Jackson Hole Conservation Alliance
- [Waste or Wasted?](#), © Journal of Environmental Law and Litigation [17 J. Env'tl. L. & Litig. 281 (2002)], by Tom Darin, Jackson Hole Conservation Alliance

Session Four: Transboundary Groundwater Issues

- [Advancing Binational Cooperation in Transboundary Aquifer Management on the U.S.–Mexico Border](#), Stephen P. Mumme, Colorado State University

Session Five: Regional Panels

- Michael Fife Presentation: [Aerojet Case](#), United States District Court, Central District of California
- Michael Fife Presentation: [Central Basin Court Decision](#), The State of California Court of Appeal
- Michael Fife Presentation: [Water Facts](#), The State of California Department of Water Resources
- Michael Fife Presentation: [Santa Maria Decision](#), Superior Court of the State of California, County of Santa Clara
- [Groundwater Resources of the Lower Colorado Region](#), Tim Henley, Arizona Department of Water Resources

Session Six: A Colorado Groundwater Primer

- [Intro to Ground Water Law in Colorado and Surface-Groundwater Conflicts in the South Platte](#), By David Harrison, Veronica A. Sperling, and Steven O. Sims

NRLC Publications

- [Groundwater Law Sourcebook of the Western United States](#), Gary Bryner and Elizabeth Purcell, Natural Resources Law Center, 2003
- Groundwater Law Sourcebook [Appendix](#)

Participant Submissions

- [Call for Papers](#) for Volume 16, Issue 2 (spring 2005) and articles on select topics for the 2004 International Environmental Yearbook (summer 2005), *Colorado Journal of International Environmental Law and Policy*
- [About the Colorado Journal of International Environmental Law and Policy](#)
- [Policies Drain the North China Plain: Agricultural Policy and Groundwater Depletion in Luancheng County, 1949-2000](#) by Eloise Kendy, David J. Molden, Tammo S. Steenhuis, Changming Liu and Jinxia Wang
- [Water Resources Science Engineering Series](#) Dr. John E. Moore, Editor (about/call for authors)
- [Glossary of Hydrology](#) by William E. Wilson and John E. Moore (ordering information)
- [Property Taxes and Inferred Intent to Abandon an Irrigation Groundwater Right in Colorado](#) John C. Mattingly, Farmer
- [Hydro Info](#) Consultants providing lawyers with hydrologic background

[\[top\]](#)