

Agenda

The Public Trust Doctrine

S. Frye

History and overview – common law of water rights
Riparian rights: lakes vs. Streams/impoundments
Ordinary high water mark (OHWM) Surface water diversion
Navigable waters and wetlands Wis. Stat. Ch. 30 permits
Lake issue and public access Groundwater

Complying with Water Quality laws and Regulations

M. Frank

Point source regulation, industrial and agricultural permit programs
Non-point stormwater regulation and permitting
Public and private sewer systems Public water supplies and private wells
Groundwater standards and protection

Understanding Wisconsin Surface Water Rights

S. Frye

Ownership of surface water Regulation of surface water rights
Waters of the United States vs. state jurisdiction
Wisconsin isolated wetlands and artificial wetlands
Hydrologic Restoration Obtaining surface water rights
Application and permitting process Amending surface water rights
Buildings in the floodplain Producer-Led watershed planning
Fresh water collaborative Current issues in surface water rights

Drinking Water and Groundwater

S. Frye

Groundwater quantity
Ownership/withdrawal rights (reasonable use, overlying property owner)
Large capacity wells
Groundwater quality / Wis. Admin. Code ch. NR 140
The evolving PFAS standards and regulation and PFAS testing grants
CAFO manure, industrial/food processing, septic tanks waste, municipal bio-solids, water softening lime, commercial fertilizer (nitrate, phosphorus and chloride) impacts to groundwater
Nutrient management plans / snap plus
Lead service line replacements
Current issues in groundwater rights

Ethical Issues in Water Law and Regulation

S. Frye

Ethical issues in water use
Ethical issues in real estate development Ethical issues in water transactions

Wastewater Planning and Compliance

S. Frye

Adaptive management plan Water quality trading
Water quality compliance; phosphorus, nitrate, chloride

Storm Water Management & Urban Nonpoint Source Pollution Prevention

S. Frye

Storm water management planning
Public information and education activities
Local ordinances affecting storm water discharge (construction site or post construction erosion control, pet waste, or illicit discharge management)
Wisconsin runoff rules
Urban TMDL targeted runoff management
Agricultural technical and performance standards

Wisconsin Water Laws and Regulations

Live, Interactive Webinar - Thurs., January 21, 2021

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Learning Objectives

You'll be able to:

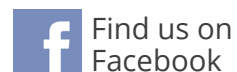
Explain the regulation of surface water rights and ownership of surface water in Wisconsin.

Understand point source regulation and industrial and agricultural permit programs.

Discuss current issues in ground water rights and high capacity well permitting.

Evaluate ethical issues in water use, real estate development and water transactions.

Review regulations and local ordinances affecting stormwater discharge.



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HalfMoon Education Online Learning Wisconsin Water Laws and Regulations

Live, Interactive Webinar - Thursday, January 21, 2021



Understand the Public Trust Doctrine and the common law of water rights

Identify ethical issues in water law and regulation

Examine wastewater planning and compliance

Learn about Wisconsin surface and ground water rights and regulations

Explore storm water management and urban nonpoint source pollution prevention

Discuss how to comply with water quality laws and regulations

Continuing Education Credits

Wisconsin Attorneys
8.0 CLE Hours (No EPR)

Wisconsin Engineers
6.5 PDHs
(1.0 Ethics Hour)

Certified Floodplain Managers
6.5 ASFPM CECS

Wisconsin Geologists & Hydrologists
Non-Credit Continuing Ed.



Faculty

Sean Frye *Project Manager at Toki & Associates, Inc.*
Mr. Frye specializes in construction, environmental, and water law. While in law school, he worked as a legal research assistant with the Water Law and Policy Initiative at Marquette University Law School. There, he researched emerging legal and policy issues in water resource technology. Mr. Frye, also a licensed professional engineer, and he has several years of experience as a civil engineer in transportation, construction, and water resources engineering. His experience includes several completed projects as a construction project leader on a variety of transportation projects in the Southeast Wisconsin region for the Wisconsin Department of Transportation. This hands-on field experience provides him an in-depth understanding of the clients he represents and challenges that they face in the environmental and construction industries. His academic background includes B.S. and M.S. degrees in Civil Engineering. He also served in the US Army as a Chemical, Biological, Radiological and Nuclear (Haz-Mat) Operations Specialist in the 4th Infantry Division at Fort Hood, TX, which included two long-term deployments to Iraq and Kuwait.

Matthew J. Frank *Attorney with Murphy Desmond S.C.*
Attorney Frank's practice focuses on environmental and energy law. He is also chair of the firm's Business and Real Estate Practice Group. He provides experienced counsel to businesses, start-ups, municipalities, utilities, organizations and individuals in a wide range of environmental and energy matters, helping clients successfully navigate regulatory and legal challenges. Mr. Frank is a former Secretary of the Wisconsin Department of Natural Resources (DNR) and Assistant Attorney General with the Wisconsin Department of Justice (DOJ). During his tenure as DNR Secretary from 2007 through 2010, he oversaw the DNR's regulatory and permitting programs, including air and water quality, waste and recycling, wetlands, groundwater, environmental clean-ups and brownfields restoration. Mr. Frank worked closely with businesses and communities on sustainability initiatives such as the Green Tier program and the Green Tier Legacy Communities Charter. He also worked closely on environmental and natural resource issues with officials in the Environmental Protection Agency, other federal agencies, states across the country, and Wisconsin tribal and local governments. Murphy Desmond has offices in Madison, Appleton, Janesville and Dodgeville.

Webinar Information

Log into Webinar 8:00 - 8:30 am CST	Break 11:45 am - 12:45 pm CST
Morning Session 8:30 - 11:45 am CST	Afternoon Session 12:45 - 4:40 pm CST

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\$289 for individual registration
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Recordings of this webinar are available for purchase. 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 Learning

Mapping, Managing, and Regulating Floodplains
- Tues, Dec 15, 2020 | 11:00 am - 3:00 pm CST
- Wed, Dec 16, 2020 | 11:00 am - 2:30 pm CST

Reading, Interpreting and Writing Land Descriptions Workshop
- Thur, Dec 17, 2020 | 9:00 am - 4:00 pm CST

Preventing and Addressing Construction Defects and Failures
- Mon, Dec 21, 2020 | 8:30 am - 5:00 pm CST

Special Inspections under the International Building Code Chapter 17
- Mon, Dec 28, 2020 | 9:00 am - 4:30 pm CST

Residential and Small Commercial International Energy Conservation Code
- Tues, Dec 29, 2020 | 9:30 am - 4:30 pm CST

For more information and other online learning opportunities visit:
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Continuing Education Credit Information

This webinar is open to the public. It is approved by the Wisconsin Board of Bar Examiners for 8.0 CLE hours, including no EPR hours, for attorneys.

This webinar offers 6.5 PDHs, including 1.0 ethics hour, to Wisconsin engineers to whom the subject matter is professionally relevant. Educators and courses are not subject to preapproval in Wisconsin.

Wisconsin engineers with continuing education requirements in other states will be able to able the hours from this seminar, in most cases. Refer to specific state rules to determine eligibility.

The Association of State Floodplain Managers has approved this webinar for 6.5 CECs for certified floodplain managers.

This webinar extends a continuing education opportunity to Wisconsin geologists and hydrologists. Continuing education is not required at this time in Wisconsin.

Completion certificates will be awarded to participants who complete this event, respond to prompts, and earn a passing score (80%) on the quiz that follows the presentation (multiple attempts allowed).

Registration

Wisconsin Water Laws and Regulations
Live, Interactive Webinar - Thursday, January 21, 2021

How to Register	Registrant Information Name: _____ Company/Firm: _____ Address: _____ City: _____ State: _____ Zip _____ Occupation: _____ Email: _____ Phone: _____ Additional Registrants: Name: _____ Occupation: _____ Email: _____ Phone: _____ Name: _____ Occupation: _____ Email: _____ Phone: _____ Email address is required for credit card receipt, program changes, and notification of upcoming seminars and products. Your email will not be sold or transferred. () I need special accommodations. Please contact me.
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Fax: 715-835-6066	Code:
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 webinar. Single Registrant - \$289.00 . Three or more registrants from the same company registering at the same time - \$199.00 each. () I am not attending. Please send me the webinar recording: ☐ Streamable MP4 Video/PDF Manual for \$299.00 . ☐ USB Video/PDF Manual for \$299.00 .
Checks: Make payable to HalfMoon Education Inc. Credit Card: <i>Mastercard, Visa, American Express, or Discover</i> Credit Card Number: _____ Expiration Date: _____ CVV2 Code: _____ Cardholder Name: _____ Billing Address: _____ City: _____ State: _____ Zip: _____ Signature: _____ Email: _____