



Listing of Approved Courses for Continuing Education Units For Iowa Certified Groundwater Professionals 2020

See GWP CEU Approval form on GWP Bulletin Board <https://www.iowadnr.gov/gwbb>

COURSE TITLE	LOCATION	DATE	CEUS
The Remediation Workshop: Insitu Next Generation	Dallas, TX https://enviroworkshops.com/workshop/2020-01-08-dallas-tx-2/	01/08/2020	5.5
91 st Annual IWWA Convention and Trade Show	Prairie Meadows Hotel and Conference Center, Altoona https://www.iwwa.org/water-well-education	01/30-31/2020	6.0
ITRC Managing PFAS Contamination at Your Site: Emerging Contaminants Summit	The Westin Westminster Westminster, CO https://www.itrcweb.org/Training/DownloadPfasAgenda/14	03/11/2020	3.5
2020 Annual Meeting Postponed In light of COVID-19 and the growing safety concerns for the public. If you have any questions, please contact us at itrc@itrcweb.org .	Postponed Minneapolis, MN https://myemail.constantcontact.com/ITRC-2020-Annual-Meeting-Postponed.html?soid=1133562077090&aid=UmaI64VzSrM	3/13/2020	
30 th Annual International Conference on Soil, Water, Energy, and Air	Double Tree by Hilton San Diego – Mission Valley San Diego, CA	03/16-19/2020	25.0
Due to the ongoing COVID-19 situation, the 32nd Annual Environmental and Ground Water Quality Conference scheduled for March 18-19, 2020 in Pierre has been cancelled. Details on the rescheduled date will be provided as they become available. 32nd Annual Environmental & Ground Water Quality Conference	Event Cancelled Ramkota Hotel Pierre, SD https://denr.sd.gov/GWQConference/	03/18-19/2020	
The Remediation Workshop	Denver, CO https://enviroworkshops.com/workshop/2020-03-18-denver-co/	03/18/2020	5.0
NEWMOA Northeast Conference on the Science of PFAS: Public Health & the Environment <i>Due to the coronavirus (COVID-19), event information may be out of date Confirm details with event organizers..</i>	Sheraton Framingham Hotel and Conference Center Framingham, MA	3/31-4/1/2020	

ASTM Phase 1 & Phase II Environmental Site Assessment Processes	<p>Changed to Virtual Event(s) Formally held in Portland, OR Formally held in Nashville, TN Formally held in Chicago, IL Formally held in ASTM HQ, PA Formally held in Las Vegas, NV Formally held in Columbus, OH</p> <p>https://www.astm.org/TRAIN/filtrexx40.cgi?-P+ID+47+traindetail frm#?utm_source=Email&utm_medium=Email&utm_content=&utm_campaign=</p>	<p>04/21-23/2020 05/19-21/2020 06/09-11/2020 07/14-16/2020 9/29-10/01/2020 11/17-19/2020</p>	<p>12.0 12.0 12.0 12.0 12.0 12.0</p>
ITRC PFAS Training Event - Postponed Due to Coronavirus	<p>Postponed Radisson Blue Minneapolis Minneapolis, MN 04/24/2020</p> <p>https://www.itrcweb.org/Training/Pfas</p>	<p>4/24/2020</p>	
Midwest Environmental Compliance Conference (MECC)	<p>Kansas City Convention Center, Kansas City, MO</p> <p>http://meccconference.com/</p>	<p>04/30/2020- 5/01/2020</p>	<p>6.0</p>
IGWA Virtual Spring Conference	<p>Virtual Conference Contact: claire.hruby@dnr.iowa.gov or kelly.evans@isginc.com</p>	<p>05/01/2020 05/08/2020 05/29/2020</p>	<p>.5 .5 1.5</p>
Midwestern States Environmental Consultants Association (MSECA) Quarterly Meeting	<p>Regions Tower Indianapolis, IN</p> <p>http://www.mseca.org/</p>	<p>05/07/2020</p>	<p>4.0</p>
<u>Ram Group</u> : Risk-Based Corrective Action (RBCA) course, offered on-line in May 5-8, 2020. See Groundwater Professional Bulletin Board for posting: Note: Registration form is on the third page of posting.	<p>Webinars: https://www.iowadnr.gov/gwbb</p>	<p>05/05-08/2020</p>	<p>12.0</p>
Two short recorded presentations on RBCA are offered by NEIWPCC	<p>http://neiwpcc.org/wp-content/uploads/2016/12/Introduction-to-RBCA.pdf</p>		<p>12.0</p>
<u>ASTM</u> : Risk-Based Corrective Action RBCA Applied at Petroleum Release Sites	<p>https://www.astm.org/TRAIN/filtrexx40.cgi?-P+ID+11+traindetail frm</p>		<p>12.0</p>
Midwest Geoscience: Modern Technologies and Emerging Techniques for Assessing Complex Hydrogeologic Systems in Fractured Bedrock	<p>Matric Solutions Calgary, Alberta</p> <p>https://www.midwestgeo.com/courses/bedrock2020.php</p>	<p>05/28-29/2020</p>	<p>16.0</p>
Battelle 2020 Chlorinated Conference: Six short courses from May 31-June 4, 2020: Managing PFAS Contamination at Your Site; Optimizing Injection Strategies and In Situ Remediation Performance; Effective Application of Multiple ITRC Guidance Documents to Hydrocarbon Sites; Implementing Advanced Site Characterization Tools; The Emerging Contaminant 1,2-Dioxane; Risk Communication, an Emerging Contaminants Focus	<p>Portland, OR</p> <p>https://www.battelle.org/newsroom/conferences/chlorinated-conference?gclid=EAIaIQobChMIInYG36o2q6AIVIP_jBx2lcQPuEAAAYASA_AEgLzIPD_BwE</p>	<p>5/31-6/04/2020</p>	<p>40.0</p>

Missouri Waste Control Coalition: 2020 Environmental Conference	Margaritaville Lake Resort, Ozark Beach, MO http://www.mowastecoalition.org/event-3510528	7/12-14/2020	8.0
Midwest Geoscience: Taking the Mystery Out of the Subsurface 2.0	Webinar https://midwestgeo.com/packages/tmos-2/tmos-2020.php?item=PKG-0100	8/01/2020	8.0
Midwest Geoscience: Aquifer Testing for Improved Hydrogeologic Site Characterization Featuring AQTESOLV and the In-Situ Level TROLL	In-Situ, Inc. Headquarters Fort Collins, CO https://www.midwestgeo.com/courses/aquifer2020-ftcollins.php	09/22-24/2020	24.0
27 th National Tanks Conference. NEIWPCC will notify prospective presenters about the status of their submissions in the coming months.	Wyndham Grand Pittsburg, PA https://neiwpc.org/our-programs/underground-storage-tanks/national-tanks-conference/	09/22/24/2020	24.0
Remediation Technologies Symposium (RemTech 2020)	Fairmont Banff Springs Canada https://www.clocate.com/conference/remediation-technologies-symposium-remtech/8946/	10/14-16/2020	24.0
RAILTEC Railroad Environmental Conference	University of Illinois Urbana-Champaign, IL https://rrec.railtec.illinois.edu/	10/27-28/2020	8
IGWA Virtual Fall Conference	Virtual Conference https://mail.google.com/mail/u/0/?tab=rm&ogbl#search/2020+virtual+IGWA+Spring+conference/WhctKJWJGcLxhMIDJLTxGDsGLWppTrSzWpQVprwmNvSxzflfzcNTZdQClnzbkZhZLnGsXCl?projector=1&messagePartId=0.1	12/10/2020	3.0

~~The DNR's status on Internet seminars or audio/video classes for Groundwater Professional CEUs is as follows:

"The DNR will consider these as valid CEUs if they pertain to the cleanup and assessment of leaking underground storage tanks in Iowa, and if there is a test associated with the material presented. Verification of participation in the seminar would be provided by successfully passing the test. DNR will need a training outline submitted for each course to determine how many credits will be awarded."

ITRC webinars: only open the trainings 2 months ahead. All the URLs will be linked to the ITRC page as they open <https://itrcweb.org/>

See Documentation for GWP CEUs for Internet webinars on Groundwater Professional Bulletin Board:

<https://www.iowadnr.gov/gwbb>

COURSE TITLE	LOCATION	UNITS
ITRC Connecting the Science to Managing LNAPL Sites a 3 Part Series - Part 1: Understanding LNAPL Behavior in the Subsurface	Webinar 1/09/2020 https://clu-in.org/conf/itrc/LNAPL-3_010920/	2.25

ITRC Integrated DNAPL Site Characterization	Webinar 1/14/2020 https://clu-in.org/conf/itrc/IDSC_011420/	2.25
ITRC An Overview of the Fundamentals of Sequence Stratigraphy and its Application to Developing Robust Conceptual Site Models and Remedial Strategies	Webinar 1/15/2020 https://clu-in.org/conf/tio/DCHWS4_011520/	2.0
ITRC Connecting the Science to Managing LNAPL Sites a 3 Part Series - Part 2: LNAPL Conceptual Site Models and the LNAPL Decision Process	Webinar 1/16/2020 https://clu-in.org/conf/itrc/LNAPL-3_011620/	2.25
ITRC Bioavailability of Contaminants in Soil: Considerations for Human Health Risk Assessment	Webinar 1/23/2020 & 5/19/20 & 10/15/20 https://www.itrcweb.org/Training/ListEvents?TopicID=54&SubTopicID=56	2.25
ITRC Connecting the Science to Managing LNAPL Sites a 3 Part Series - Part 3: Using LNAPL Science, the LCSM, and LNAPL Goals to Select an LNAPL Remedial Technology	Webinar 1/30/2020 https://clu-in.org/conf/itrc/LNAPL-3_013020/	2.25
ITRC Remediation Management of Complex Sites	Webinar 2/11/2020 https://clu-in.org/conf/itrc/rmcs/	2.25
ITRC Investigation, Design, Construction, and Optimization of a Large-Scale Combined In Situ Thermal Treatment and Enhanced Bioremediation Remedy	Webinar 2/12/2020 https://clu-in.org/conf/tio/DCHWS5_021220/	2.25
ITRC Characterization and Remediation in Fractured Rock	Webinar 2/13/2020 https://clu-in.org/conf/itrc/FracRx/	2.25
ITRC Petroleum Vapor Intrusion: Fundamentals of Screening, Investigation, and Management	Webinar 2/20/2020 https://www.itrcweb.org/Training/ListEvents?TopicID=28&SubTopicID=48	2.25
ITRC Issues and Options in Human Health Risk Assessment – A Resource When Alternatives to Default Parameters and Scenarios are Proposed	Webinar 2/27/2020 https://www.itrcweb.org/Training/ListEvents?TopicID=24&SubTopicID=33	2.25
ITRC Groundwater Statistics for Environmental Project Managers	Webinar 3/5/2020 https://clu-in.org/conf/itrc/GSMC/	2.25
Midwest GeoSciences High Resolution Packer Testing: for Reliable Estimates of Transmissivity in Fractured Rock Boreholes	Webinar 3/11/2020 https://www.midwestgeo.com/webinars/packertest-03112020.php	1.5
ITRC Long-term Contaminant Management Using Institutional Controls	Webinar 3/17/2020 https://www.itrcweb.org/Team/Public?teamID=63	2.25

ITRC Geospatial Analysis for Optimization at Environmental Sites	Webinar 3/19/2020 https://clu-in.org/conf/itrc/GRO/	2.25
ITRC Petroleum Vapor Intrusion: Fundamental of Screening, Investigation, and Management	Webinar 3/23/2021 https://clu-in.org/conf/itrc/PVI/	2.25
ITRC TPH Risk Evaluation at Petroleum-Contaminated Sites	Webinar 3/31/2020 https://clu-in.org/conf/itrc/TPHrisk/	2.25
ITRC Connecting the Science to Managing LNAPL Sites – Part 1: Understanding LNAPL Behavior in the Subsurface	Webinar 4/07/2020 https://clu-in.org/conf/itrc/LNAPL-3/	2.25
ITRC Connecting the Science to Managing LNAPL Sites – Part 2: LNAPL Conceptual Site Models and the LNAPL Decision Process	Webinar 4/14/2020 https://clu-in.org/conf/itrc/LNAPL-3/	2.25
Midwest GeoSciences Advances in Borehole Flow Meters: for Determining Water Yielding Fractures and Ground Water Flow in Bedrock	Webinar 04/16/2020 https://www.midwestgeo.com/webinars/borehole-04162020.php	1.5
Midwest GeoSciences Successful Slug Testing: Formations of Low Hydraulic Conductivity, High, and Everything in Between	Webinar 04/23/2020 https://www.midwestgeo.com/webinars/sludgetest-04232020.php	1.5
ITRC Connecting the Science to Managing LNAPL Sites – Part 3: Using LNAPL Science, the LCSM, and LNAPL Goals to Select an LNAPL Remedial Technology	Webinar 4/28/2020 https://clu-in.org/conf/itrc/LNAPL-3/	2.25
ITRC Bioavailability of Contaminants in Soil: Considerations for Human Health Risk Assessment	Webinar 5/19/2020 https://www.itrcweb.org/Training/ListEvents?TopicID=54&SubTopicID=56	2.25
ITRC Optimizing Injection Strategies and In Situ Remediation Performance	Webinar 5/21/2020 https://www.itrcweb.org/Team/Public?teamID=80	2.25
Iowa Groundwater Association Virtual Spring Conference	Webinar 5/29/2020	1.5
ITRC TPH Risk Evaluation at Petroleum-Contaminated Sites	Webinar 6/09/2020 https://clu-in.org/conf/itrc/TPHrisk/	2.25
ITRC Remediation Management of Complex Sites	Webinar 6/11/2020 https://clu-in.org/conf/itrc/rmcs/	2.25
ITRC Integrated DNAPL Site Characterization	Webinar 8/20/2020 https://www.itrcweb.org/Training/ListEvents?TopicID=5&SubTopicID=49	2.25

ITRC Characterization and Remediation in Fractured Rock	Webinar 8/25/2020 https://www.itrcweb.org/training/ListEvents?TopicID=58&SubTopicID=60	2.25
ITRC Optimizing Injection Strategies and In Situ Remediation Performance	Webinar 8/27/2020 https://www.itrcweb.org/Team/Public?teamID=80	2.25
ITRC Long-term Contaminant Management Using Institutional Controls	Webinar 9/03/2020 https://www.itrcweb.org/Team/Public?teamID=63	2.25
ITRC Connecting the Science to Managing LNAPL Sites Part 1: Understanding LNAPL Behavior in the Subsurface	Webinar 09/15/2020 https://clu-in.org/conf/itrc/LNAPL-3/	2.25
TPH Risk Evaluation at Petroleum-Contaminated Sites	Webinar 09/17/2020 https://clu-in.org/conf/itrc/TPHrisk/	2.25
ITRC Connecting the Science to Managing LNAPL Sites Part 2: LNAPL Conceptual Site Models and the LNAPL Decision Process	Webinar 09/22/2020 https://clu-in.org/conf/itrc/LNAPL-3/	2.25
Regenesis Land Science: Vapor Barrier Installation Best Practices: Why Quality Installation is a Critical Factor for Success	Webinar 9/22/2020 https://applauncher.gotowebinar.com/#webinarOver/3915637292937275663/en_US	1.0
ITRC Connecting the Science to Managing LNAPL Sites Part 3: Using LNAPL Science, the LCSM, and LNAPL Goals to Select an LNAPL Remedial Technology	Webinar 09/29/2020 https://www.itrcweb.org/Guidance/ListDocuments?topicID=53&subTopicID=55	2.25
ITRC Remediation Management of Complex Sites	Webinar 10/08/2020 https://www.itrcweb.org/Team/Public?teamID=64	2.25
Midwest Geosciences: Pumping Tests for Aquifer Evaluation; Part 1: Practical Design Guidelines to Get More from Your Test Data	Webinar 10/08/2020 https://www.midwestgeo.com/webinars/aquiferpumping-10082020.php	1.5
NEIWPCC: LUST Corrective Action Resources, Case Study, and a Discussion on Remedial Design Characterization and In-Situ Remedial Methods	Webinar 10/14/2020 https://attendee.gotowebinar.com/register/2249141603618194957	2.0
Midwest Geosciences: Pumping Tests for Aquifer Evaluation; Part 2, Step Drawdown Testing	Webinar 10/15/2020 https://www.midwestgeo.com/webinars/aquiferpumping-10152020.php	1.5
ITRC Bioavailability of Contaminants in Soil: Considerations for Human Health Risk Assessment	Webinar 10/15/2020 https://bcs-1.itrcweb.org/	2.25

ITRC Issues and Options in Human Health Risk Assessment – A Resource When Alternatives to Default Parameters and Scenarios are	Webinar 10/20/2020 https://clu-in.org/conf/itrc/risk3/	2.25
Midwest Geosciences: Pumping Tests for Aquifer Evaluation; Part 3, Foundations of Pumping Test Interpretation; 1. The Theis Model	Webinar 10/22/2020 https://www.midwestgeo.com/webinars/aquiferpumping-10222020.php	1.5
ITRC Petroleum Vapor Intrusion: Fundamentals of Screening, Investigation, and Management	Webinar 10/22/2020 https://www.itrcweb.org/Training/ListEvents?TopicID=28&SubTopicID=48	2.25
Midwest Geosciences: Pumping Tests for Aquifer Evaluation; Part 4, Foundations of Pumping Test Interpretation; 2. Interpretation of Pumping Tests in Real Aquifers	Webinar 10/29/2020 https://www.midwestgeo.com/webinars/aquiferpumping-10292020.php	1.5
Regenesis-Proven Methods for Saving Time and Money	Webinar 10/29/2020 https://www2.regenesis.com/matt-burns-webinar-2020	1.0
Petroleum Hydrocarbon Remediation, Site Data Management and Performance Monitoring Strategies	Webinar: 11/04&05/2020 https://www.remediationseminar.com/events/online	2.5 each day
Midwest Geosciences: Pumping Tests for Aquifer Evaluation; Part 5, Recovery Analysis Strategies and Techniques	Webinar 11/05/2020 https://www.midwestgeo.com/webinars/aquiferpumping-11052020.php	1.5
ITRC Groundwater Statistics for Environmental Project Managers	Webinar 11/05/2020 https://www.itrcweb.org/Training/ListEvents?TopicID=48&SubTopicID=45	2.25
Midwest Geosciences: Pumping Tests for Aquifer Evaluation; Part 6, Advances in Transducer Technologies and Techniques	Webinar 11/12/2020 https://www.midwestgeo.com/webinars/aquiferpumping-11122020.php	1.5
Midwest Geosciences Group- Slug Testing Strategies for Challenging Conditions	Webinar 11/17/2020 https://midwestgeo.com/webinars/register-webinar.php?f=includes/register-slugtesting-11172020.php	1.0
ITRC Geospatial Analysis for Optimization at Environmental Sites	Webinar 11/17/2020 https://www.itrcweb.org/Training/ListEvents?TopicID=48&SubTopicID=45	2.25
ITRC Optimizing Injection Strategies and In Situ Remediation Performance	Webinar 12/01/2020 https://www.itrcweb.org/Team/Public?teamID=80	2.25
ITRC TPH Risk Evaluation at Petroleum-Contaminated Sites	Webinar 12/08/2020 https://www.itrcweb.org/Team/Public?teamID=76	2.25
ITRC Characterization and Remediation in Fractured Rock	Webinar 12/10/2020 https://www.itrcweb.org/Guidance/ListDocuments?topicID=58&subTopicID=60	2.25

Regenesis: A State Regulator's Perspective on PFAS in Minnesota	Webinar 12/15/2020 https://www2.regenesis.com/ginny-yingling-2020	1.0
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(CEU Approved courses 2020 bsg)

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