

Contact Information and Short Biographies of the Presenters

USEPA Region 10 Workshop: Groundwater/Surface Water Interactions and Evaluating Impacts of Contaminated Groundwater Discharges: Tools, Ecological Risk, and Case Studies.

Co-convener



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Dr. Brewster Conant Jr. is an adjunct professor in the Department of Earth and Environmental Sciences at the University of Waterloo and has over 30 years of experience in hydrogeology and environmental consulting. He received a B.Sc. in Geology-Physics/Mathematics from Brown University in 1984, and received a M.Sc. and Ph.D. in Earth Sciences at the University of Waterloo in 1991 and 2001, respectively. His main area of expertise and interest is in interactions at the groundwater/surface water interface and the examination of flow, transport, and fate of contaminants passing through it. He has developed innovative field methods, instrumentation, and numerical techniques for assessing groundwater/surface-water interactions using temperature-as-a-tracer and infrared thermography.

Co-convener



Janette Knittel

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Janette Knittel is an environmental scientist with the U.S. Environmental Protection Agency. She has been with EPA for 11 years and currently serves as a RCRA corrective action project manager with EPA's Region 10 office, in Seattle, WA, in the RCRA Corrective Action, Permits, and PCBs Section. Prior to joining the EPA Janette worked in the environmental consulting industry for 13 years as a hydrogeologist and project manager.

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Timothy Maley is a Hydrogeologist with the U.S. EPA Office of Laboratory Services and Applied Science Division. He currently is working in EPA's Region 10 office in Seattle since 2017 when he transferred from EPA's Region 5 office in Chicago where he performed both technical support for the Science and Quality Assurance Section and as an RPM on several CERCLA Sites. Prior to his EPA tenure, he has worked as a government contractor and consultant for various environmental consulting firms for over 30 years. Tim earned a B.S. in geology in 1982 from Illinois State University in Normal, Illinois and an Environmental Geosciences Certificate (graduate studies) from Northern Illinois University in 1995.



Martin A. Briggs, Ph.D.

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Although his specialty is in understanding and quantifying surface water-groundwater exchange processes, Martin Briggs works on a wide range of hydrological issues in his position as research hydrologist with the Hydrogeophysics Branch at the U.S. Geological Survey. The Branch supports state Water Science Centers when hydrogeophysical tools and training are required, and the staff collaborates with academic institutions on pioneering water research. One of its central missions is training and method development, so Martin travels around the country giving workshops and field testing new methodology. Martin has specifically contributed advancements in the application of heat tracing methodology and integrating fine-scale electrical geophysics at the groundwater/surface water interface. Much of his current research involves defining the physical hydrogeological template that controls niche aquatic habitat and beneficial biogeochemical processes in a time of baseline change. Whether working on a remote atoll or mountain side, or in streams adjacent to the University of Connecticut, Martin is excited to continue to contribute to evolving body of hydrogeological understanding being generated by scientists worldwide.

Martin earned a B.S. in geology from the University of Massachusetts, Amherst, in 2002; his M.S. from the Hydrologic Sciences and Engineering Program at the Colorado School of Mines in 2009; and he was awarded his Ph.D. in 2012 from Syracuse University.



Bruce Duncan, Ph.D.

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Dr. Bruce Duncan is an ecotoxicologist with over thirty years' experience in all aspects of ecological risk assessment. From 1984 to 2010, Bruce was a Senior Ecologist at the US Environmental Protection Agency, where he conducted ecological risk assessments and acted at times as a unit manager of risk assessors, modelers, and hydrogeologists. From 2010 to 2012, he provided climate science support to EPA Region 10. From 2012 to 2018, he was the regional science liaison to EPA's Office of Research and Development working with senior management in ORD's Six National Program Offices. Until 2009 he also served as a Deputy Unit Dive Officer conducting impact assessments, evaluating contaminated

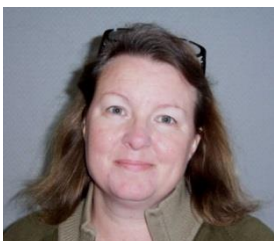
sediment effects, and characterizing groundwater-surface water connections. He led the dive team in developing approaches that included in situ testing, deploying SPMEs (Solid Phase Micro Extraction - coated carbon fibers) to evaluate bioavailability, and installing seepage meters and mini-piezometers. He co-lead EPA's national effort to develop GW-SW technical guidance. He is currently providing support on ecological risk assessments in the areas of design, analysis, use of new methods, negotiation, and training. He received his PhD in Zoology/Marine Ecology from the University of North Carolina, Chapel Hill.



René Fuentes P.E., P.HG.

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René Fuentes is an Environmental Scientist (Hydrogeologist/Engineer) with the U.S. Environmental Protection Agency in the Office of Environmental Assessment (previously with Office of Drinking Water). He has worked in EPA's Region 10 office in Seattle (from 1983 to 2019) and EPA's Region 9 office in San Francisco (from 1980 to 1983) in the Water, Superfund, & RCRA Offices. His experience includes work on sites as technical support for characterization and remediation. Special field projects include numerous groundwater/surface water interaction sites, water supply contamination characterization and remediation, and groundwater contaminated sites such as the Yakima Valley Dairies nitrates site. Prior to joining EPA he was at the U.S. Geological Survey, Illinois District (1976-1980) where he was a hydrologist working on strip mine reclamation with sludge (monitoring water) and HEC-1 modeling.



Tamara Ohl

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Tamara Ohl is an environmental scientist with the U.S. Environmental Protection Agency. She has been with EPA for over 25 years, applying her experience in RCRA regulatory and policy decisions, and managing corrective action projects. She currently serves as a corrective action project manager with EPA's Region 5 office, in Chicago, IL.



Ted Repasky

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Ted Repasky is a hydrogeologist for U.S. Environmental Protection Agency in the Risk Evaluation Branch of the Laboratory Services and Applied Science Division. Ted comes to EPA with over thirty years of professional experience in the fields of hydrogeology, geophysics, and geology. His previous job was with EnergySolutions working on the Department of Energy Hanford site overseeing field sampling

teams, geophysical log interpretation and mapping, and proposal development. Prior to that, he worked with the Confederated Tribes of the Umatilla Indian Reservation and the Yakama Nation as a project manager and as a hydrogeologist, geophysicist, and geologist. Ted has been working on high-profile Superfund, RCRA, and drinking water projects with EPA including sites with PFAS contamination, mines and mine waste contamination, and sites contaminated within the hyporheic zone.



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Jonathan Williams works as a Remedial Project Manager (RPM) in EPA’s Seattle Regional Office which serves Alaska and the Pacific Northwest states. His RPM work at EPA has included sites where contaminated groundwater discharges to surface water. Previous EPA experience has included the Underground Injection Control (UIC) and Sole Source Aquifer programs. Jonathan was raised in Portland, Oregon. He has B.S. and M.S. degrees in geology, is a licensed hydrogeologist, and a member of EPA’s Ground Water Forum.
