



Commonwealth of Massachusetts  
Executive Office of Energy & Environmental Affairs

## Department of Environmental Protection

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Secretary

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# WETLANDS, WETLAND REGULATIONS AND THE MASSACHUSETTS CONTINGENCY PLAN (MCP)

## Instructor Biographies

**Scott Morrison** is a Senior Environmental Scientist with EcoTec, Inc. Since joining EcoTec in 2000, Mr. Morrison's project experience includes wetland resource evaluation, delineation, and permitting at the local, state, and federal levels; wildlife habitat evaluation; pond and stream evaluation; vernal pool evaluation, monitoring, and certification; wetland replacement, replication, and restoration area design, construction, and monitoring; soil evaluations to determine infiltration rates and seasonal high groundwater elevations for detention basin construction; environmental sampling and analysis tasks, including soil and groundwater sample collection and handling; and expert testimony preparation. He has also conducted rare species habitat assessments. Prior to joining EcoTec, Inc. Mr. Morrison worked for the Massachusetts Department of Environmental Management (currently the Department of Conservation and Recreation) where he was involved with the monitoring and protection of endangered species and rare old growth forest. He was an active member of the Spencer Conservation Commission from 1998 to 2000.

**(For Field Work and Case Studies) Scott Jordan** is a Senior Environmental Scientist with EcoTec, Inc. Since joining EcoTec in 2000, Mr. Jordan's duties have included wetland resource evaluation and delineation; erosion and sediment control planning and monitoring, environmental monitoring, including water quality analysis, sediment analysis and wildlife habitat impact analysis; environmental permitting at local, state, and federal level; pond and stream evaluation; wildlife habitat evaluation, vernal pool evaluation; and wetland restoration and replication design and oversight. Prior to joining EcoTec, Mr. Jordan was the Senior Laboratory Technician for GeoComp Corporation where he performed numerous physical properties analysis of soils and geosynthetic materials in accordance with ASTM, and AASHTO specifications.

**Mia McDonald** is the Wetlands Circuit Rider for the Central Regional Office. Mia comes to MassDEP from her position as the Agent for the Towns of Northborough and Paxton. She also served on the Worcester Conservation Commission for approximately nine years. Mia graduated from WPI with a degree in environmental science which focused on environmental engineering and planning. She spent over a decade of her career in the private sector working on design, permitting and construction of drinking water and wastewater infrastructure.

**Paul McManus** is the President and owner of EcoTec, Inc., which he founded in 1990. He is a Professional Wetlands Scientist (PWS) certified by the International Society of Wetlands Scientists and presently serves as the New England Chapter President of SWS. He is also a MA Licensed Site Professional (LSP). Mr. McManus is a graduate of the College of the Holy Cross and received a Master of Science in Ecology from U.Mass Boston. Prior to the founding of EcoTec, Mr. McManus was employed as the Senior Scientist at Harborline Engineering Inc. of New Bedford, MA, served for several years as a project manager at the Gulf of Maine Research Center Inc. in Salem, MA and was an aquatic ecologist at the Massachusetts Division of Water Pollution Control. Mr. McManus has over 20 years of experience in wetland evaluation and delineation, lake and stream assessment, wildlife habitat evaluation, oil and hazardous materials assessment, remediation, and ecological risk assessment, as well as a variety of other types of environmental impact assessment. He has also presented workshops for the Massachusetts Association of Conservation Commissions (MACC), Massachusetts Continuing Legal Education (MCLE), and other organizations.

**(For Field Work and Case Studies) Dr. John P. Rockwood** joined EcoTec, Inc. as a Staff Scientist in October 1999. He was previously a Chief Environmental Scientist at Sanford Ecological Services, Inc. of Southborough, Massachusetts. Dr. Rockwood has maintained his Professional Wetland Scientist (PWS) certification since August 2002. In April 2020, he was made a Senior Professional Wetland Scientist (SPWS) by the SWSPCP.

His project experience includes wetland resource evaluation, delineation, and permitting at the local, state, and federal levels; wildlife habitat evaluation; pond and stream evaluation; vernal pool evaluation, certification, construction/replication, and monitoring; rare species habitat and impact assessment; wetland replacement, replication, and restoration area design, construction, and monitoring; invasive species removal and treatment protocols and monitoring; and expert testimony preparation. He has managed and participated in a wide variety of wetlands-related projects. He has assessed the potential impacts of stormwater runoff, landfill leachate, and/or hazardous waste disposal sites on rare vertebrate and/or invertebrate species, and has conducted and/or directed surveys, delineated actual habitat, conducted habitat evaluations, and/or developed mitigation strategies necessary to protect rare vertebrate, invertebrate, and plant species and their habitats from proposed development-related impacts.

Dr. Rockwood also has extensive experience in environmental site assessment related to possible oil and/or hazardous material contamination. He has conducted ecological risk assessments for a number of disposal sites. Dr. Rockwood has designed, conducted, and evaluated numerous surface water and groundwater monitoring programs. Dr. Rockwood is the co-author of a textbook on aquatic biology and is the principal author of three peer-reviewed research publications.

**Judith Schmitz** is the MassDEP Wetlands Section Chief for the Central Regional Office. Prior to working at MassDEP, Judy was the Conservation Agent for the Town of Middleton for three years. She also served for 12 years as a conservation commissioner for the town of Barre, including four years as their chair. Judy holds a B.S. in Civil Engineering with a concentration in Environmental Engineering from Duke University. Judy has had extensive experience consulting for municipalities and applicants and is knowledgeable in numerous wetland related topics, including wetlands delineation, wetlands replication & restoration, wildlife habitat analysis, pollution impact assessment, stormwater management & hydrology, erosion control monitoring, river determination, and vernal pool studies. She is also a certified Professional Wetland Scientist (PWS) from the Society of Wetland Scientists.

**Glenn Wood, Esq.** is a litigation, environmental, land use and zoning law attorney at Rubin and Rudman, LLP. Mr. Wood represents clients on land use regulation with particular concentration in facility and project siting, wetlands and coastal permitting, zoning and subdivision control, impact review and auditing, hazardous waste and brownfields redevelopment, solid waste and health issues, regulatory takings, tax abatements and environmental mediation. Mr. Wood manages a broad range of industrial, commercial, residential and municipal projects through local, state and Federal review processes. Mr. Wood also represents private sector clients, municipal commissions and boards and conservation organizations on issues related to land development, environmental permitting and planning. Mr. Wood is the former president and current Government Affairs Chairman of the Association of Massachusetts Wetlands Scientists (AMWS). Mr. Wood served as a member of the Ipswich Conservation Commission for thirteen years.