

List of Preparers

AKRF, INC.

Robert F. Conway, P.E.—EIS Project Manager; Construction Impacts

Masters, Civil Engineering. More than 30 years of experience in modeling pollutant fate for transportation projects and project management in NEPA Environmental Impact Statements.

Christopher M. Calvert, AICP—Deputy EIS Project Manager; Purpose and Need, Project Alternatives; Process, Agency Coordination, and Public Participation; Section 4(f) Evaluation

Masters, City Planning; Land Use and Land Development. More than 15 years of experience in planning, transportation analysis, and managing Environmental Impact Statements and Environmental Assessments.

Steven T. Gates—Deputy EIS Project Manager; Topography, Geology, and Soils; Other NEPA and SEQRA Considerations

Bachelors, Geography; Urban and Regional Development. Over 5 years of experience specializing in urban and environmental planning and management of Environmental Impact Statements.

Nanette Bourne—Community Character; Parklands and Recreational Resources

Masters, Urban and Regional Planning. More than 30 years of experience in environmental planning, municipal planning, impact analysis, and project management.

Sandra L. Collins—Water Resources; Essential Fish Habitat

Masters, Biology. More than 25 years of experience in managing and performing environmental impact analyses with specialization in natural resource assessments, and performing ecological studies for environmental, land use planning, and engineering projects.

Claudia Cooney—Visual and Aesthetic Resources; Historic and Cultural Resources

Masters, Historic Preservation. More than 15 years of experience with specialization in history, archaeology, and the analyses of urban design and aesthetics.

Lorianne DeFalco, AICP—Land Acquisition, Displacement, and Relocation; Environmental Justice

Masters, Environmental Technology. More than 10 years of experience with expertise in environmental planning and socioeconomic and environmental justice impact analyses.

**Tappan Zee Hudson River Crossing Project
Environmental Impact Statement**

Hillel Hammer—Air Quality; Energy and Climate Change

Masters, Environmental Engineering. More than 15 years of experience in air quality modeling, climate studies, and microclimate studies with expertise in urban air quality dispersion and chemical modeling, emissions modeling and analysis of both local and regional impacts, and climate and microclimate impacts in the built environment.

Fred Jacobs, Ph.D.—Ecology; Biological Assessment

Ph.D., Marine Science. More than 30 years of experience in environmental impact analyses and permitting with expertise in marine science, aquatic impact assessment, and fish ecology.

Justin M. Krebs—Ecology; Essential Fish Habitat; Biological Assessment

Ph.D. Candidate, Coastal Ecology. More than 13 years experience working in coastal systems with expertise in fish ecology, community dynamics and habitat use, and estuarine ecology.

Mei Mei Lee, AICP—Construction Impacts

Bachelors, Natural Resources. Over 15 years of experience in transportation planning, preparation of state and federal environmental permit applications, and Environmental Impacts Statements.

Ashley Ley, AICP—Community Character; Parklands and Recreational Resources

Masters, Urban Planning. Over 7 years of experience with expertise in municipal land use planning and zoning, visual impact assessments, urban design standards, and master planning.

Peter A. Liebowitz, AICP— Land Acquisition, Displacement, and Relocation; Socioeconomic Conditions; Environmental Justice; Indirect and Cumulative Effects

Masters, Urban Planning. Approximately 30 years of experience with expertise in Environmental Impact Statements and analyses of land use, transportation, socio-economic conditions, and public transportation facilities.

Jannine McColgan, P.E.—Water Resources

Bachelors, Civil Engineering. More than 18 years of engineering experience with expertise in water quality analyses, stormwater pollution prevention plans, and stormwater management design.

Molly McDonald, RPA—Section 106 Process Manager; Historic and Cultural Resources

Masters, Buildings Archaeology and Historic Preservation. Approximately 12 years of experience with expertise in history, archaeology, and analysis of urban design and aesthetic considerations.

Aubrey McMahon—Ecology

Masters, Environmental Policy. More than 10 years of experience with expertise in natural resources, including water quality, botany, and wetlands.

James N. Nash, AICP—Coastal Area Management

Masters, Environmental Studies. More than 22 years of experience with expertise in natural resource planning, wetlands, and stormwater management.

Elizabeth A. Nemeth—Ecology

Masters, Geosciences. More than 14 years of experience in environmental analyses and permitting with expertise in natural resources, water quality, and waterfront issues.

A. Michael Pappalardo, RPA—Historic and Cultural Resources

Bachelors, Anthropology. More than 20 years of experience in archaeology and cultural resource management as a professional archaeologist.

Stephen Rosen, Ph.D.—Noise and Vibration

Ph.D., Mechanical Engineering. More than 35 years of engineering experience specializing in environmental analysis and the management of large interdisciplinary environmental projects with expertise in air quality and noise analyses.

Chad L. Seewagen, Ph.D.—Ecology

Ph.D., Biology. Approximately 10 years of experience with expertise in wildlife conservation, vertebrate biology, and behavioral characteristics of and impacts to birds.

Marcus Simons—Hazardous Waste and Contaminated Materials

Masters, Mathematics/Engineering/Management Studies and Engineering and Public Policy. More than 20 years of experience with expertise in assessment of hazardous materials and contaminated sites.

Donald R. Tone, Jr., P.E.—Transportation

Bachelors, Civil Engineering. More than 17 years of experience with expertise in traffic engineering and analysis of traffic and transportation conditions.

Jocelyn Torio—Socioeconomic Conditions

Masters, City Planning. Approximately 8 years of experience with specialization in analysis of socioeconomic conditions and market studies.

AECOM

Michele L. Besson—Historic and Cultural Resources

Bachelors, Anthropology and Archaeology. More than 11 years of experience in cultural resource management and archaeological surveys.

Christopher Cotter—Project Planner

Masters, Public Administration. More than 22 years of experience in project management and project planning.

**Tappan Zee Hudson River Crossing Project
Environmental Impact Statement**

William Crowell—Transportation

Ph.D., Economics. More than 30 years of experience in economics, transportation, and Environmental Impact Statements.

Robert Forstner—Water Resources; Ecology

Masters, Civil/Environmental Engineering. More than 11 years of experience in environmental planning and permitting, water resources, and site investigation.

Lisa Ives—EIS Coordinator

Masters, Geography; Environmental Studies. More than 21 years of experience in transportation and environmental planning, NEPA documents, and project/program management.

Glenn Kartalis—Project Manager

Bachelors, Civil Engineering. More than 24 years of experience in civil engineering and program management.

Kevin Koning—Water Resources; Ecology

Masters, Civil Engineering. More than 4 years of experience in hydraulic and water quality modeling.

James Mansky—Water Resources; Ecology

Masters, Botany and Zoology. More than 25 years of experience in alternatives analysis, environmental resource studies, wetland mitigation design, and permit applications.

Mark Moese, Ph.D.—Water Resources; Ecology

Ph.D., Environmental Toxicology. More than 29 years of experience in NEPA documentation in temperate and tropical environments, natural resource inventories, endangered species surveys, and dredging impacts analysis.

Caren Morgan—Project Planner

Masters, Urban Planning. More than 2 years in environmental planning and NEPA document preparation.

Allison Rachleff—Historic and Cultural Resources

Masters, Historic Preservation Planning. More than 16 years of experience in Section 106 historic architectural resources surveys and impacts, NEPA and Section 4(f) analyses.

Nancy A. Stehling—Historic and Cultural Resources

Masters, Public Archaeology. More than 30 years of experience in the field of archaeology including field survey, testing, excavation, and laboratory processing and analysis.

John Szeligowski—Water Resources; Ecology

Masters, Nuclear Engineering. More than 25 years of experience managing and planning complex environmental and transportation projects and NEPA documents.

Alan Tabatchnick—Historic and Cultural Resources

Masters, Historic Preservation Planning. More than 22 years of experience in cultural resources and Section 106 evaluation, Section 4(f) evaluation, and NEPA document preparation.

LeAnn Waletzko, AICP—Project Planner

Masters, City and Regional Planning. More than 11 years of experience in environmental planning and NEPA document preparation.

Fang Yang—Air Quality and Noise and Vibration

Masters, Atmospheric Science. More than 22 years of experience in air quality, noise, and energy.

ARUP

Mark Roche, C. Eng., MICE—Project Engineer

Masters, Structural Engineering. More than 22 years of experience in single span footbridges to city-scale infrastructure design/build contracts, post-tensioned segmental, arch and cable-stayed bridges, and traditional bridge forms.

Hemal Patel, C. Eng., MICE—Project Engineer

Masters, Civil Engineering with Construction Management. More than 10 years of experience in highway design and civil engineering design related to highway and bridge schemes.

Derya Thompson, C. Eng., MStructE—Project Planner

Bachelors, Civil Engineering. More than 20 years of experience in project management, design, and construction of major transportation projects.

Natasha Ridler—Project Planner

Masters, Environmental Planning. More than 7 years of planning experience encompassing the preparation of strategic land use and transport feasibility studies, streetscape improvement plans, sustainability and urban design guidelines and master plans.

HOWARD/STEIN-HUDSON ASSOCIATES

Arnold Bloch, Ph.D.—Public Involvement Specialist

PhD., Transportation Planning and Engineering. More than 36 years of transportation planning experience in the private, public, and academic sectors, with particular expertise in public involvement in transportation projects, programs, and policies.

**Tappan Zee Hudson River Crossing Project
Environmental Impact Statement**

George Paschalis—Public Involvement Specialist

Bachelors, Architecture. More than 15 years of community development, government relations and transportation planning experience, with a focus on providing National Environmental Policy Act (NEPA) community outreach services for State and Federal Agencies.