



VIA Appendix F

Resumes for Visual Resource Professionals

Ocean Wind Visual Impact Assessment Report

1 March 2021



TERRENCE J. DEWAN FASLA

PRINCIPAL

Terry DeWan has over 45 years of professional experience in landscape architecture, visual resource assessment, site planning, design guidelines and community development. His experience includes work with communities, state agencies, private developers, utility companies, and the forest products industry in New England. He has written numerous studies on visual impacts, community planning, recreation planning, water access and highway corridor redevelopment.

SELECTED PROJECT EXPERIENCE

Visual Impact Assessments

NEW ENGLAND AQUA VENTUS, Off Monhegan Island, ME. Visual Impact Assessment (VIA) for a 12 MW floating wind pilot project to produce renewable energy off Maine's shore. The project includes two 6 MW turbines on semi-submersible hulls designed by the University of Maine and partners.

NORTHERN PASS TRANSMISSION PROJECT, Northern and Central NH. VIA for a 192-mile transmission line to bring 1,090 MW of energy from Hydro-Quebec to NH and the rest of New England. Eversource.

BULL HILL AND HANCOCK WIND PROJECTS, Hancock County, ME. VIA for adjacent wind projects with a total of 37 turbines with a capacity of 89 MW. Blue Sky East LLC

SPRUCE MOUNTAIN WIND PROJECT, Woodstock, ME. VIA for a 10-turbine wind project with a capacity of 20 MW. Patriot Renewables.

SADDLEBACK MOUNTAIN WIND PROJECT, Carthage, ME. VIA for a 12-turbine wind project with a capacity of 34 MW. Patriot Renewables.

MAINE POWER RELIABILITY PROGRAM. VIA for 352 miles of new 115 kV and 345 kV transmission line corridor system upgrades in 82 Maine towns, for Central Maine Power.

STETSON I & II WIND PROJECT, Washington County, ME. VIAs for two adjacent projects with a total of 55 turbines with a capacity of 82 MW. Evergreen Wind V, LLC.

PINNACLE WIND FARM AT NEWPAGE, Keyser, West Virginia. Visual impact assessment in support of state permitting applications for a 23-turbine wind project with a capacity of 55 MW. US Wind Force / Edison Mission Energy.

MAINE GOVERNOR'S TASK FORCE ON WIND POWER DEVELOPMENT. Consultant on aesthetics and visual resources to the Governor's Task Force.

MAINE DEP / VISUAL ASSESSMENT RULES. Consultant to DEP in the formulation of Chapter 315 Regulations: Assessing and Mitigating Impacts to Existing Scenic and Aesthetic Uses. Served on DEP Task Force for the development of the rules.

HUDSON LANDING, Kingston, NY. A review of the VIA and Development Guidelines for a 1,750-unit community on the Hudson River. Redesign of the site to incorporate sustainable development principles in recognition of its proximity to Scenic Areas of Statewide Significance. Hudson River Heritage.

PROFESSIONAL LICENSURE

Maine Licensed Landscape Architect #6

EDUCATION

BSLA State University of New York
Environmental Sciences and Forestry
Cum Laude

PROFESSIONAL EMPLOYMENT

1988 - present Terrence J DeWan & Associates
Landscape Architects & Planners
Yarmouth, ME

1977 - 1988 Mitchell-DeWan Associates
Landscape Architects & Planners
Portland, ME

1976 - 1977 Center for Natural Areas
South Gardiner, Maine

1973 - 1976 Moriece and Gary of Maine
Portland, ME

1971 - 1973 The Architects Workshop
Philadelphia, PA

1970 - 1971 Peter G. Rolland and Associates
Rye, NY

PROFESSIONAL AFFILIATIONS

Maine State Board for Licensure of Architects,
Landscape Architects and Interior Designers

American Society of Landscape Architects

Boston Society of Landscape Architects

American Planning Association

Maine Association of Planners

Council of Landscape Architects Registration
Boards

Royal River Conservation Trust, Board of
Directors

AWARDS AND EXHIBITIONS

Fellow, American Society of Landscape Architects

Council of Landscape Architects Registration Boards. Presidents Awards.

Boston Society of Landscape Architects Excellence Award for Outstanding Professional Practitioner.

Boston Society of Landscape Architects Merit Award for Planning: From the River to the Bay: a Parks, Recreation and Open Space Plan for Brunswick, Maine.

American Society of Landscape Architects Merit Awards for Communications:
Los Angeles River Greenway.
Chattahoochee River Greenway, Atlanta GA

Maine Association of Planners
Scenic Assessment Handbook
Scenic Inventory of Penobscot Bay
A Guide to Livable Design
Portland Shoreway Access Plan

SELECTED PUBLICATIONS

Design Guidelines, Salem, NH. Adopted by Planning Board March 2010.

Scenic Assessment Handbook. Maine State Planning Office. 2008.

Royal River Corridor Study. Town of Yarmouth, Maine. With Stantec. 2008.

A Vision for the Moosehead Lake Region. Natural Resources Council of Maine. 2006.

Kittery Design Handbook. Kittery Planning Board. 2004

The Great American Neighborhood, A Guide to Livable Design. ME SPO. 2004.

Scenic Inventory, Mainland Sites of Penobscot Bay. Maine State Planning Office. 1990.

Scenic Assessment, Lincolnville, Maine.

ST. LAWRENCE CEMENT, Hudson, NY. Led a team of visual and cultural specialists to evaluate potential scenic impacts from a proposed cement plant for groups concerned about the future of nearby historic Hudson Valley communities. Project was ultimately rejected by the NY Department of State. Scenic Hudson and Friends of Olana.

DOWNEAST LNG, Robbinston, ME. VIA for LNG terminal on the shores of Passamaquoddy Bay. Project would have included an LNG storage tank, an import/export pier, and various shorefront facilities. Downeast LNG, Inc.

BANGOR HYDRO-ELECTRIC. SECOND 345 KV TIE LINE. VIA for a new 345 kV transmission line along the Stud Mill Road from Orrington, ME to New Brunswick, Canada.

Scenic Inventories + Conservation Plans

FISH RIVER LAKES CONCEPT PLAN, Northern Arrostook County, ME.

A long-range conservation and limited development plan for 50,000 Ac of woodlands in Northern Maine. Irving Woodlands.

SCENIC INVENTORIES: MAINLAND SITES OF PENOBSCOT BAY, ISLESBORO, VINALHAVEN, NORTH HAVEN, Maine State Planning Office

ROUTE 27 SCENIC INVENTORY AND SCENIC BYWAY CORRIDOR MANAGEMENT PLAN. Long-term plan for Route 27 between Kingfield and Canada. Maine Department of Transportation.

PRELIMINARY FACILITIES AND INTERPRETIVE MEDIA PLAN, KANCAMAGUS SCENIC BYWAY, White Mountain National Forest, New Hampshire. Demonstration forest, hiking trails, interpretive exhibits, overlooks, outdoor amphitheater.

Peer Reviews

ARGONNE NATIONAL LABORATORY

Best Management Practices for Reducing Visual Impacts of Renewable Energy Facilities on BLM-Administered Lands
National Park Service Visual Impact Assessment Guidance Document.

CAPE WIND ENERGY PROJECT, Nantucket Sound, MA. Peer review of DEIS prepared by Minerals Management Service.

Selected Presentations

THE MAINE WIND ENERGY ACT IN A TIME OF CHANGE. Visual Resource Stewardship Conference, Argonne National Laboratory, Lemont IL November 2017

THE MAINE WIND ENERGY ACT, VISUAL ASSESSMENT PROCEDURES FOR GRID SCALE WIND PROJECTS, National Association of Environmental Professional Meeting, Portland, OR 2012

SOCIAL ACCEPTANCE OF WIND ENERGY- ADDRESSING VISUAL IMPACT IN SKEPTICAL COMMUNITIES. ASLA Annual Meeting San Diego, CA. 2011.

SCENIC INVENTORY TRAINING. Washington and Hancock Counties, Maine State Planning Office. 2009.



JESSICA WAGNER KIMBALL

PLANNER | LANDSCAPE ARCHITECT

Jessica has a background in community planning, landscape architectural design, and visual impact assessments. Her experience includes visual impact assessments, visualization studies, master planning, design guideline development, recreational trail planning, and construction detailing.

Jessica is proficient with AutoCAD, Adobe Creative Suite, Google Earth Pro, SketchUp, Rhino, Arc GIS, and all Microsoft applications.

SELECTED PROJECT EXPERIENCE

NEW ENGLAND AQUA VENTUS, Off Monhegan Island, ME. Visual Impact Assessment (VIA) for a 12 MW floating wind pilot project to produce renewable energy off Maine's shore. The project will deploy two 6 MW turbines on semi-submersible hulls designed by the University of Maine. University of Maine and partners.

NORTHERN PASS TRANSMISSION PROJECT, Northern and Central NH. A Visual Impact Assessment for a 192-mile transmission line from Pittsburg NH to Deerfield NH. Work included over 70 photosimulations, viewshed mapping, extensive written analysis of the transmission line's visual impact on the surrounding landscape. Served as project manager and as an expert witness in support of this project.

ARGONAUT TALC MINE, Ludlow, VT A Visual Impact Assessment of quarry development was conducted to determine the aesthetic impacts on the surrounding landscape as the quarry evolved over time. The work modeled build out scenarios and graphically represented the build out in site specific photosimulations.

EAST BEACH WATER ACCESS DESIGN, Frankestown, NH. A concept design for an existing sand beach and boating area at Crotched Mountain Rehabilitation Center. The design was based on the development of a specialized access ramp to the beach, an accessible recreation area, and water access for students with physical disabilities. The landscape concepts will open up access to the beach for all students and residents.

LAWN ON D, Boston, MA* This 2.7-acre open space located next the BCEC is a flexible open space capable of hosting a wide range of programs and events. Work on this project included construction documentation and work with the lighting contractor to develop a unique and vibrant urban park space.

UT AUSTIN LANDSCAPE MASTER PLAN, Austin, TX* A Landscape Master Plan and Design Guidelines document was development for the University at Austin Campus. This work evaluated the opportunities and issues relating to landscape on the historic campus. The report guided various approaches to planting, circulation, security, and open space, furnishings, and sustainability across campus.

PARKS AND RECREATION MASTER PLAN, Bloomfield, CT* A master plan document for a community-wide parks system. The work included inventory analysis of existing park infrastructure, GIS mapping of the park system, community meetings, and recommendations for how to improve individual park spaces and strengthen the municipal park system as a whole.

58 FORE STREET, Portland, ME* A master plan for proposed mixed-use development at the location of the former Portland Company on Portland's waterfront. Master plan included new residential and commercial space, boating access, and waterfront public space. Work on this project included graphic representation and modelling of the proposed site improvements.

*denotes projects completed while at Sasaki Associates

PROFESSIONAL LICENSURE

Maine Licensed Landscape Architect #4375

EDUCATION

MLA University of Toronto
Master of Landscape Architecture

BCD Dalhousie University
Bachelor of Community Design

PROFESSIONAL EMPLOYMENT

2014 - present Terrence J Dewan & Associates
Landscape Architects & Planners
Yarmouth, ME

2013 - 2014 Sasaki Associates
Landscape Architects
Watertown, MA

2007 - 2010 Town of Old Orchard Beach
Town Planning
Old Orchard Beach, ME

2007 - 2010 Member of Eastern Trail
Management District
Vice President (2009-2010)

Spring 2007 Ekistics Planning and Design
Planning Intern
Dartmouth, Nova Scotia

AWARDS AND EXHIBITIONS

2013 Waterfront Visions 2050
Masters thesis on sea level rise
adaptation exhibit at Portland
Society for Architecture
Symposium, Portland, ME

2013 American Society of Landscape
Architects Merit Award

2012 Site models published in
work: Amoroso, Nadia ed.
Representing Landscapes: A
Visual Collection of Landscape
Architectural Drawings. New
York: Routledge, 2012.



AMY BELL SEGAL RLA, ASLA

SENIOR ASSOCIATE | LANDSCAPE ARCHITECT

Amy's twenty six years of experience includes scenic resources and visual resource assessments, downtown master planning, urban design, recreation and trail planning, playspace design, urban agriculture, site planning for residential, commercial, and industrial properties, shoreland zoning permitting and construction management.

SELECTED PROJECT EXPERIENCE

NEW ENGLAND CLEAN ENERGY CONNECT Visual Impact Assessment of 145 miles of new HVDC Transmission line and associated upgrades, 16 miles of rebuilt 115 kV transmission line, and 26 miles of co-located 345 kV transmission line proposed to deliver electric generation from the Canadian Border through Maine to the New England Control Area for Central Maine Power / Avangrid,

ROXWIND, ROXWIND LLC, Roxbury, ME. Visual Impact Assessment for a four turbine wind project south of Record Hill.

NUMBER NINE WIND FARM, EDP RENEWABLES, Aroostook County, ME. Visual Impact Assessment for 129 turbine wind farm and 50 mile generator lead line.

BULL HILL AND HANCOCK WIND PROJECTS, Blue Sky East LLC, Hancock County, ME. Visual Impact Assessment for adjacent wind projects with total of 37 turbines.

SPRUCE MOUNTAIN WIND PROJECT, PATRIOT RENEWABLES, Woodstock, ME. Prepared Visual Impact Assessment for proposed 11 turbine wind project.

SADDLEBACK MOUNTAIN WIND PROJECT, PATRIOT RENEWABLES, Carthage, ME. Visual Impact Assessment for 12 turbine wind project.

MAINE POWER RELIABILITY PROGRAM. Visual Impact Assessment for 352 miles of new 115 kV and 345 kV transmission line corridor system upgrades in 82 Maine towns, for Central Maine Power.

LEMPSTER MOUNTAIN WIND POWER PROJECT, COMMUNITY ENERGY, Lempster, NH. Photosimulations for a 12 turbine wind project.

STETSON I & II WIND PROJECT, EVERGREEN WIND V, LLC, Washington County, ME. Visual Impact Assessment including 3D Modeling and photosimulations for a 38 turbine wind project.

JAMER MATERIALS, LTD. BAYSIDE, New Brunswick, Canada. Visual Assessment for proposed quarry expansion and conceptual design of Eco-Industrial Park.

RECORD HILL WIND PROJECT, Roxbury, ME. Visual Impact Assessment for a 22 turbine wind project submitted to MEDEP.

DOWNEAST LNG, Robbinston, ME. Visual Impact Assessment for LNG terminal submitted to Maine DEP for Downeast LNG, Inc.

METHUEN COMPRESSOR STATION, DUKE ENERGY, Methuen, MA. Created 3D Model and photosimulations to illustrate visibility of proposed project and possible buffering options.

PROFESSIONAL LICENSURE

Maine Licensed Landscape Architect #2265

CLARB Certified

EDUCATION

BSLA Cornell University
Denmark International Study Program

SPECIAL TRAINING

- MaineDOT LAP Certified
- MeDEP Low Impact Development Stormwater BMP training
- Courses in ADA standards, Complete Streets, Sustainable Sites (ASLA LEED equiv)
- National Park Service Scenic Inventory Methodology workshop, ATC Conference, Colby College, 2017

PROFESSIONAL EMPLOYMENT

1992 - present Terrence J Dewan & Associates
Landscape Architects & Planners
Yarmouth, ME

1990 Summer Roger Trancik, FASLA,
Ithaca, NY

1988 - 1992 Bell & Spina Architects
Camillus, NY

PROFESSIONAL ORGANIZATIONS

Parks Commission, City of Portland

Chairperson/Treasurer for the Maine Section of the American Society of Landscape Architects, 2002 - present

Consultant to Portland Trails Land Trust for the Schoolyard Greening Initiative, 1999 - present.

AWARDS AND DISTINCTIONS

American Society of Landscape Architects
Merit Award for Communications
Los Angeles River Study.

American Society of Landscape Architects
Merit Award for Communications
Chattahoochee River Greenway, Atlanta, GA.

National Association for Interpretation
Interpretive Media Award
Great Bay National Estuarine Research Reserve,
Sandy Point, NH.

PRESENTATIONS

Co-Presenter, Using Photoshop as a Design Tool,
ASLA, Portland, OR 1998

Co-presenter at LABASH, Creating Visualizations
with Computers, University of West Virginia, 1998

Co-Presenter, Creating Visualizations with
Computers, AEC Conference, Philadelphia, 1997

BLACK NUBBLE WIND PROJECT, Redington Township, ME. Visual Impact Assessment and photosimulations of proposed 18 wind turbines as seen from various viewpoints, including the Appalachian Trail, for Maine Mountain Power.

RICHMOND COMPRESSOR STATION, MARITIMES AND NORTHEAST PIPELINE, Richmond, ME. Photosimulations and buffer plan for the Pitts Center Road compressor station.

BYPASS VISUALIZATIONS, Wiscasset, ME. MEDOT. Photosimulations of proposed Route One bypass options. Images used for evaluation of options, public meetings, and website.

BATH IRON WORKS, NAVAL SECURITY PLANNING, Bath, ME. New security access, fencing and parking lot improvements.

BATH IRON WORKS, LAND LEVEL TRANSFER FACILITY, Bath, ME. Visual Impact Assessment and photosimulations for BIW's new shipbuilding facility on the Kennebec River.

WASHINGTON STREET PLANTINGS, Bath, ME. Bath Iron Works was required for LLTF permitting with City and State to develop site specific buffer and enhancement plan for Washington Street.

DRAGON PRODUCTS, Thomaston, ME. A landscape enhancement plan for a one-mile stretch of coastal Route One adjacent to a large open pit mine.

SADDLEBACK MOUNTAIN, Rangeley, ME. National Park Service. Photosimulations of ski area expansion plans to show potential impact on Appalachian Trail.

NEW ENGLAND WIND ENERGY STATION, Boundary Mountains, ME. Kennetech Windpower, Livermore, CA. Visual Impact Assessment and photosimulations for an industrial scale wind energy facility planned for 250,000 acres in western Maine.

LIQUEFIED NATURAL GAS FACILITY, Wells, ME. Visual impact assessment and photosimulations of a proposed LNG tank in rural Wells.

VISUAL RESOURCE ASSESSMENT, RT. 27 Carrabassett Valley, ME, MEDOT. Visual resource assessment and improvements to one of Maine's Scenic Byways.

HALLOWELL INTERPRETIVE TURNOUT, MEDOT. Lead design team in production of construction documents for the first turnout to be installed along the Kennebec Chaudière Corridor. Site includes interpretive panels, railing, seating and paving, and landscaping.

KANCAMAGUS SCENIC BYWAY, WHITE MOUNTAIN NATIONAL FOREST, Conway to Lincoln, NH. Preliminary Facilities and Interpretive Media Plan. Redesigning Cleveland Digitally, Cleveland, OH. Site planning and computer illustrations for a former mill site in Cleveland. Presented at the 1995 Annual Meeting of ASLA.

LOS ANGELES RIVER STUDY, Los Angeles, CA. A study of aesthetic treatments for the 50-mile concrete channel lining the Los Angeles River. Illustrations of murals, parks, walkways, and gardens. Presented at the Computer Design Charrette at the 1996 ASLA Annual Meeting.

STILES ROAD QUARRY EXPANSION, O&G INDUSTRIES, Woodbury, CT. Photosimulations showing the visual impact of a major quarry expansion adjacent to an historic New England village.