



Attachment 5

Professional Resumes

Kitty Hawk North Wind
Visual Impact Assessment

30 September 2022

tjd&a



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 (VIA)

OCEAN WIND, Offshore Southern New Jersey. VIA for a 1,100 MW offshore wind project locate 15-miles off the coast of New Jersey. Ørsted. (2018 - present)

NEW ENGLAND AQUA VENTUS, Off Monhegan Island, ME. VIA for a 12 MW floating wind pilot project to produce renewable energy off Maine's shore. The University of Maine and partners. (2017)

NEW ENGLAND CLEAN ENERGY CONNECT VIA for 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 from Hydro-Quebec to Maine and the rest of New England. Central Maine Power/Avangrid. (2020)

NORTHERN PASS TRANSMISSION PROJECT, Northern and Central NH. VIA for a 192-mile transmission line that will bring 1,090 MW of energy from Hydro-Quebec to New Hampshire and the rest of New England. Eversource. (2016)

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 (2013)

SPRUCE MOUNTAIN WIND PROJECT, Woodstock, ME. VIA for a 10-turbine wind project with a capacity of 20 MW. Patriot Renewables. (2012)

SADDLEBACK MOUNTAIN WIND PROJECT, Carthage, ME. VIA for a 12-turbine wind project with a capacity of 34 MW. Patriot Renewables. (2005)

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. (2006)

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. (2003)

PINNACLE WIND FARM AT NEWPAGE, Keyser, West Virginia. VIA and state permitting applications for a 23-turbine wind project with a capacity of 55 MW. US Wind Force / Edison Mission Energy. (1999)

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. (2005)

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. (1991)

PROFESSIONAL LICENSURE

Maine Licensed Landscape Architect #6

EDUCATION

BSLA State University of New York (1968)
Environmental Sciences and Forestry
Cum Laude

PROFESSIONAL EMPLOYMENT

Professional Experience : 53 Years

Total Years with Firm : 33 Years

Permanent Staff Member : Yes

Base Location : Yarmouth, ME

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.

Consultant for Visual Regulatory Development

MAINE GOVERNOR'S TASK FORCE ON WIND POWER DEVELOPMENT.
Consultant on aesthetics and visual resources to the Governor's Task Force. (2006)

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. (1990)

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.
(1987)

**ROUTE 27 SCENIC INVENTORY AND SCENIC BYWAY CORRIDOR
MANAGEMENT PLAN.** Long-term plan for Route 27 between Kingfield and
Canada. Maine Department of Transportation. (1985)

**PRELIMINARY FACILITIES AND INTERPRETIVE MEDIA PLAN,
KANCAMAGUS SCENIC BYWAY, White Mountain National Forest, New
Hampshire.** Demonstration forest, hiking trails, interpretive exhibits, overlooks,
outdoor amphitheater. (1985)

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. (2012)

CAPE WIND ENERGY PROJECT, Nantucket Sound, MA. Peer review of DEIS
prepared by Minerals Management Service. (2010)

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 architecture, and visual impact assessments. Her experience includes master planning, streetscape design, public outreach, recreational trail planning, residential site design, construction administration, and visualization studies. She is proficient in graphic rendering, written work, public presentations, and construction detailing. She uses AutoCAD, Adobe Creative Suite, SketchUp, Rhino, Arc GIS, and all Microsoft applications.

PROFESSIONAL LICENSURE

Maine Licensed Landscape Architect #4375

EDUCATION

MLA	University of Toronto (2013) Master of Landscape Architecture
BCD	Dalhousie University (2007) Bachelor of Community Design

PROFESSIONAL EMPLOYMENT

Professional Experience : 11 Years
Total Years with Firm : 8 Years
Permanent Staff Member : Yes
Base Location : Yarmouth, ME

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

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.

SELECTED PROJECT EXPERIENCE

OCEAN WIND, Offshore Southern New Jersey. Visual Impact Assessment for a 1,100 MW offshore wind project located 15-miles off the coast of New Jersey. Work included extensive fieldwork, coordination of nearly sixty photosimulations, mapping and analysis, and an extensive VIA Report. Served as project manager and co-author. (2018 - present)

NEW ENGLAND AQUA VENTUS, Offshore Monhegan Island, ME. Visual Impact Assessment for a 12 MW floating wind pilot project to produce renewable energy off Maine's coastline. The turbines included semi-submersible hulls designed by the University of Maine. Work included photosimulations, viewshed analysis mapping, and VIA report discussing the effects on Monhegan Island. Served as project manager and co-author. (2017)

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. (2014)

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 analysis 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. (2016)

OPEN SPACE PLAN, South Portland, ME. A municipal open space plan designed to strengthen the network of open space in the City. The plan identifies and prioritizes areas worthy of conservation and includes strategies for expanding and preserving open space within the City. Served as project manager, plan author, and coordination of volunteer municipal committee. (2019)

RIVERSIDE CEMETERY CREMATION GARDEN, Yarmouth, ME. A cremation garden in an existing cemetery designed includes a variety in-ground burial styles and a stone columbarium wall with integrated niche system. Garden includes a loop trail, integrated seating, planting design, and boulder placement. Work included concept design, construction documentation, permitting, and construction administration. (2020)

UT AUSTIN LANDSCAPE MASTER PLAN, Austin, TX* A Landscape Master Plan and Design Guidelines document was developed 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. (2014)

*denotes projects completed while at Sasaki Associates



STEPHEN P. THOMPSON

LANDSCAPE ARCHITECT

Steve's work experience includes scenic resource and visual impact assessments, downtown master planning, conservation land planning, and site planning for residential and commercial properties. Steve is a lead staff member for photographing and collecting data in the field, and assists in the production of visualizations renderings, construction documents, and ArcGIS mapping.

SELECTED PROJECT EXPERIENCE

OCEAN WIND, Offshore Southern New Jersey. Visual Impact Assessment for a 1,100 MW offshore wind project locate 15-miles off the coast of New Jersey. *Tasks included fieldwork planning and the production of maps and visualizations.* (2018 - present)

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 Grid for Central Maine Power / Avangrid. *Tasks included leading fieldwork, and the production of maps and visualizations.* (2020)

WEAVER WIND, WEAVER WIND, LLC, Eastbrook & Osborn, ME. Visual Impact Assessment for a 22-turbine, 72.6 MW wind project. *Tasks included leading fieldwork, and the production of maps and visualizations.* (2018)

ROXWIND, ROXWIND LLC, Roxbury, ME. Visual Impact Assessment for a four turbine wind project south of Record Hill. *Tasks included leading fieldwork, and the production of maps and visualizations.* (2017)

NORTHERN PASS TRANSMISSION PROJECT, NH. A Visual Impact Assessment for a 192-mile transmission line from Pittsburg NH to Deerfield NH. Work included over 70 photosimulations, viewshed mapping, and extensive written analysis of the transmission line's visual impact on the surrounding landscape. *Tasks included fieldwork, and the production of maps and visualizations.* (2016)

ROUTE ONE CORRIDOR ENHANCEMENTS, Falmouth, ME . Site plan and construction documents for streetscape improvements to Falmouth's Route One business district. *Tasks included production of planting plans and other construction documents.* (2015)

NUMBER NINE WIND FARM, EDP RENEWABLES, Aroostook County, ME. Visual Impact Assessment for 129 turbine wind farm and 50 mile generator lead line. *Tasks included fieldwork, and the production of maps and visualizations.* (2015)

FISH RIVER LAKES CONCEPT PLAN IRVING WOODLANDS, Aroostook County, ME. ArcGIS mapping and graphics for a proposed Concept Plan on 51,000 acres of woodland surrounding the Fish River Chain of Lakes (Long, Mud, Cross and Square Lakes) in northern Aroostook County. Over 40 maps and other various graphics were prepared as part of the application to the Land Use Planning Commission. *Tasks included fieldwork and mapping.* (2019)

ARGONAUT TALC MINE, Ludlow, VT. A Visual Impact Assessment of the quarry development & expansion. *Tasks included developing 3-D build out scenarios in SketchUp, as well as graphically representing proposed development in visualizations.* (2014)

NATIONAL GRID SOLAR PROJECTS, Massachusetts. Acted as 'Owner's Landscape Architect' peer reviewer. *Tasks included developing screening plans for installations for four community solar installations.* (2016)

PROFESSIONAL LICENSURE

Maine Licensed Landscape Architect #4773

FAA Licensed Drone Pilot

CLARB Certified

EDUCATION

BLA University of Rhode Island (2013)
Bachelor of Landscape Architecture
Summa Cum Laude

PROFESSIONAL EMPLOYMENT

Professional Experience : 7 Years
Total Years with Firm : 7 Years
Permanent Staff Member : Yes
Base Location : Yarmouth, ME

2013 - present TJD&A (formerly Terrence J. Dewan & Associates)
Landscape Architects & Planners
Yarmouth, ME

Summer 2013 Parterre Garden Services
Fine Gardening
Cambridge, MA

AWARDS

2013 American Planning Association
Award for Outstanding
Student Project