



## **Andrew J. Bohne, LEED AP**

### **Ecological Designer / Planner**

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#### **Summary**

Mr. Bohne is an Ecological Designer / Planner at New England Environmental, Inc. (NEE) having over eleven years experience working at multi-disciplinary Landscape Architecture firms, directing, managing, and supporting a variety of project types and scales throughout the country. Mr. Bohne is currently the firm's Ecological Designer & Planner and is involved in many aspects of the projects NEE conducts, from the initial site assessment through design and implementation of project solutions.

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#### **Areas of Expertise**

- Ecological Planning and Design
- Sustainable/Low Impact Development Design
- Commercial Landscape Architecture
- GIS/CAD/GPS Planning and Mapping
- Stream and River Assessment and Natural Channel Design
- Development Feasibility Study
- Environmental Impact Analysis
- Wetland Restoration, Mitigation, and Replication Design
- Stormwater Design and Management Plans
- Erosion Control Design
- Bioengineering Design
- Construction Administration

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#### **Education**

B.S. Landscape Architecture & Regional Planning – University of Massachusetts at Amherst - Amherst, MA, 1999.

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#### **Experience**

##### **New England Environmental, Inc.**

**2005-present**

At NEE, Mr. Bohne manages and oversees the design of all ecological restoration projects conducted. He provides innovative and alternative site sustainability and stormwater management approaches for restoration projects as well as undisturbed sites. His project work ranges from small scale design, (single family home rain garden) to large scale (300 acre mixed-use development consisting of 10 bio-basin stormwater system, parking island rain gardens, residential bio-swales and rain gardens, open space trail networks, wetland restoration, mitigation, and replication, natural channel design, and wildlife habitat enhancement areas) He is experienced in commercial/residential landscape architecture, environmental impact site analysis on proposed development projects, environmental planning and feasibility studies, stream and river assessment and restoration, erosion control plans, stormwater impact and low impact development designs seamlessly blending the proposed work with the native environment. He has an extensive knowledge and base in CAD/GIS/GPS planning and graphic capabilities, using all aspects of the applications making a project extremely accurate and graphically readable for all public meeting and presentations. He is responsible for design and mapping plans associated with all permits and projects NEE completes in accordance with the Massachusetts Wetlands Protection Act. He also completes plans and mapping associated with Commonwealth of Massachusetts 401 Water Quality Certification applications, Chapter 91, Construction General Permits for stormwater and permits for the Army Corp of Engineers (Programmatic General Permit).



**DTJ Design, Inc.****2002-2004****Landscape Architect/Planner – Project Manager / Job Captain**

At DTJ Design, Mr. Bohne had multiple responsibilities on projects including project management, designer, and document production. Mr. Bohne worked on a diversity of projects such as Resort Master Planning, Vacation Estates, Environmental Planning and Impact Analysis, Corporate Campus, Institutional Facilities, Community Planning, Open Space Master Plans, Community Clubhouse Design.

- Responsible for managing, designing, and preparing all documents associated with projects from concepts to construction documents.
- Managed large parcel feasibility studies incorporating environmental impact analysis for open space master plan communities.
- Responsible for mountain resort community master plan. Site analysis including, protection of view shed and corridors, natural resource protection and enhancement, community connections and greenway planning, using a cost matrix for the premiums that lots would get depending on the lots view, proximity to amenities, and exposure.

**Hughes, Good, O’Leary & Ryan****1999-2002****Associate Landscape Architect / Planner**

At HGOR Mr. Bohne was a team member working on site schematic design, master planning, zoning and tree protection plans, design development plans, hardscape and landscape cost estimating, contract documents (layout, grading and drainage, lighting, landscape design, detail and specifications), contract administration (bidding, contractor coordination, RFI’s, site visit documentation, punch lists, and certificate of substantial completion) and marketing booklets. Mr. Bohne was also involved in a series of site models to be used for design and marketing purposes.

**Professional Training/Education**

- River Morphology & Applications – Rosgen - Wildland Hydrology, 2008
- Applied Fluvial Geomorphology – Rosgen - Pilot View, 2007
- Photoshop Horizons – New Horizons Learning Center, 2003
- K&S AutoCAD 2000 & 2004 - 2001-2002 & 2003-2004
- Mike Lin Graphic Workshop –Mike Lin Design, 1999

**Affiliations/ Memberships**

- American Planning Association
- Society of Ecological Restoration
- American Society of Landscape Architects

**Publications**

Andrew Bohne and Mickey Marcus. 2008. Bank Stabilization techniques on Large Rivers. In 9<sup>th</sup> biennial river Management Society Symposium, Portland, Maine.

**Teaching**

Exploring Sustainability in Residential Garden Design  
 University of Massachusetts, Amherst  
 Department of Landscape Architecture and Regional Planning  
 LDARC 497D Spring 2010  
 Co-Teacher Brock Cutting, Dodson Associates, Ltd

