

Lakeshore habitat restoration training for professionals

- 2.0** Welcome,
- 2.1** training introduction,
- 2.2** review of training objectives,
- 2.3** facility logistics, and
- 3.0** Attendee introductions



Patrick Goggin – Lakes Specialist
UW-Stevens Point / UW Extension Lakes/WI Lakes Partnership



Training description: this three-day course is designed for those who perform and/or oversee lakeshore habitat restoration projects on inland lakes with lower energy sites. This interactive learning experience will aid you in approaches and methodologies that are immediately applicable to your lakeshore habitat restoration projects. Participants will receive a comprehensive set of presentation notes, supporting handouts and on-line materials, and other references for your use back home in your practice.

Who should attend? Planners; landscapers; engineers; consultants; contractors and suppliers; erosion control specialists; state property land managers; municipal park staff; developers/builders; county staff in land and water conservation / zoning departments; tribal partners; state lake coordinators, regulators and water resource management specialists in lake country; lake educators and researchers; among others.



2.2 review of training objectives

Training sessions will help participants to:

- Review basic ideas, concepts, and characteristics related to lakeshore ecology such as soils, natural communities, and zones of habitat;
- Reconsider past and current research trends related to lakeshores, view links to current water quality and lakeshore health status, and receive an update on the findings of the 10-year *Wisconsin Lakeshore Restoration Project* including some essential lessons learned;
- Gain insight into the common best management practices employed in lakeshore habitat restorations including bioengineering techniques and approaches;
- Receive guiding principles for effective site design and installation, project maintenance and long-term care, and project monitoring;
- Get in tune with Wisconsin Department of Natural Resources (WDNR) lake grants and Department of Agriculture, Trade, and Consumer Protection (DATCP) cost-sharing available to partially fund lakeshore habitat restoration work;
- Examine the usual contents of a sound lakeshore habitat restoration plan and see example timelines for the project planning process;
- Gain a better understanding for state regulations, standards, and policies important to completing well-thought out and compliant lakeshore habitat restorations;
- Learn about how and why we utilize native plants in lakeshore habitat restoration projects;
- Hear a business profile from a Green Industry partner and a government profile from a local county partner engaged in lakeshore habitat restoration projects;
- Bolster local economies around Wisconsin through increased Green Industry work on lakeshore habitat restoration projects;
- Build a peer support network and cadre of lakeshore health enthusiasts and professionals you can partner with on lakeshore habitat restoration work in the future;
- Become more effective and valuable at your job by learning and interacting with our diverse audience and course speakers; and
- Discover several tips and constructive ideas for working effectively with private landowners, agency staff, and green industry professionals as a coordinated team in designing and implementing lakeshore habitat restoration projects.

2.2 review of training objectives

Certification of completion:

- Certification requires participation in one of the two-day classroom instruction sessions and attendance at the one-day written exam / field day session.
- Those who successfully complete the course, exam, and field component will be issued a credential certificate of completion and be listed on the UW-Extension Lakes web site indicating they have successfully completed the training.



Certification of completion:

- Certification requires participation in one of the two-day classroom instruction sessions and attendance at the one-day written exam / field day session.
- Those who successfully complete the course, exam, and field component will be issued a credential certificate of completion and be listed on the UW-Extension Lakes web site indicating they have successfully completed the training.



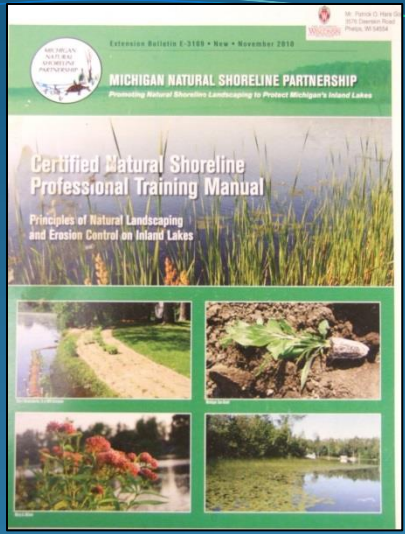
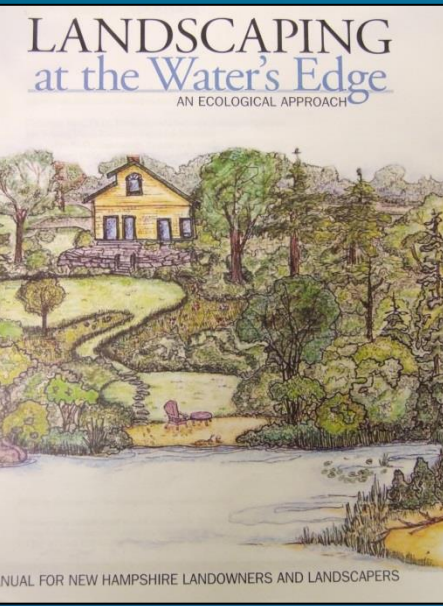
Amy Thorstenson
Carrie Webb
Chris Hamerla
Christopher Arnold
Dave Sadenwasser
David Blumer
Derek Kavanaugh
Drew Zelle
Eric Seidl
Greg Kroeplien
James Janet
Jeanne Scherer
Jill Bedford
John Meredith
Josh Saykally
Kaycie Stushek
Kenneth Thiele
Rob Walker
Lisa Burns
Stacy Dehne

Lisa Burns
Lisa Griffin
Lisa Reas
Maggie Zoellner
Mark Sesing
Mark Verhagen
Matt Kirkman
Melissa Keenan
Netzer Melissa
Nikki Truymen
Pamela Toshner
Paul Skawinski
Peter Ziegler
Randy Thompson
Renee Pulver
Richard Brefeld
Scott Van Egeren
Shelly Thomsen
Steve Fleming
Ted Johnson
Tim O'Leary

2.3 facility logistics
2.3 attendee introductions

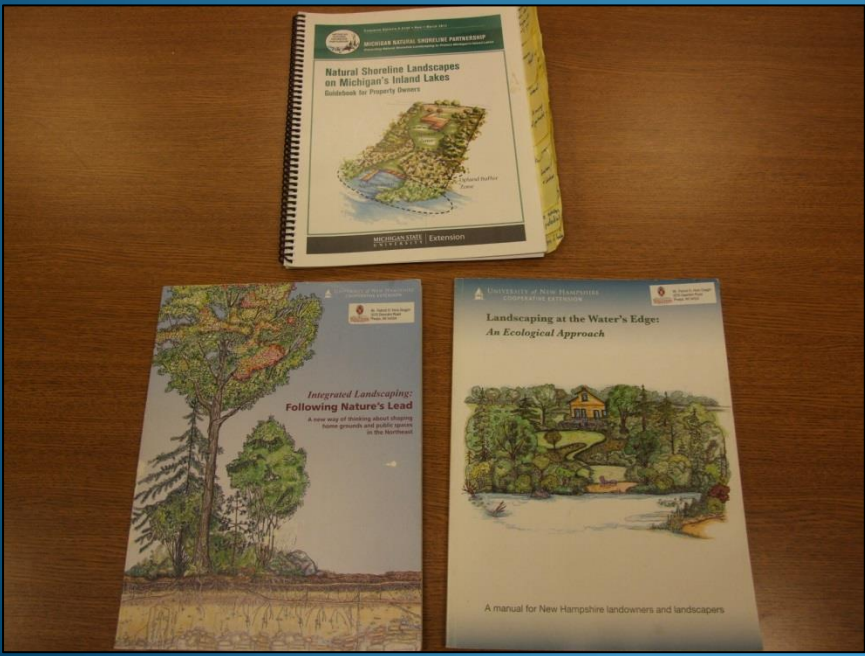
Heidel House Resort & Spa
643 Illinois Avenue • Green
Lake, Wisconsin / 54941





Lakeshore habitat restoration training for professionals:
 principles and practices of lake-friendly landscaping, low impact development, water quality conservation and erosion control of low energy sites on inland Wisconsin lakes
 Wednesday, August 27th and Thursday, August 28th, 2014 at Heidel House Resort and Spa, Green Lake

Draft training manual



Training facilitator:

Wisconsin Lakes Partnership
Patrick Goggin
 Lake Specialist
 patrick.goggin@wisc.edu 715-365-8413
 www.wlpp.org 715-365-4018

College of Natural Resources
 University of Wisconsin - Stevens Point
 800 Barron Street
 Stevens Point, WI 54481-3000
Extension LAKES

Workshop Co-sponsors:



< <http://www.uwsp.edu/cnr-ap/UWEXLakes/Pages/programs/training/habitatrestorationAgenda.aspx> >

The screenshot shows a web browser window with the URL www.uwsp.edu/cnr-ap/UWEXLakes/Pages/programs/training/habitatrestorationAgenda.aspx. The page header includes the University of Wisconsin Stevens Point logo and navigation links. The main content area is titled "Lakeshore habitat restoration training for professionals" and provides details about the training event, including dates and location. A sidebar on the left contains a navigation menu for UW-Extension Lakes. The main content area includes a "Training Agenda" section for Day 1, which is presented as a table with time slots and corresponding topics and resource numbers.

University of Wisconsin Stevens Point
 Giving | Directory | Site Index | myPoint | D2L | Web Email

UW-Extension Lakes
 College of Natural Resources

Lakeshore habitat restoration training for professionals
 principles and practices of lake-friendly landscaping, low impact development, water quality conservation and erosion control of low energy sites on inland Wisconsin lakes

Wednesday, August 27th & Thursday, August 28th, 2014 at Heidel House Resort & Spa, Green Lake

[Training Description](#) [Online Registration](#)

Training Agenda

Day 1

| | |
|-------------------------|--|
| 8:00 a.m. – 8:30 a.m. | 1.0 Registration and Sign-in |
| 8:30 a.m. – 9:00 a.m. | 2.0 Welcome, 2.1 training introduction, 2.2 review of training objectives, 2.3 facility logistics, and 3.0 Attendee introductions - <i>Patrick Goggin, lake specialist-UW-Extension Lakes / WLP</i> |
| 9:00 a.m. – 9:15 a.m. | 4.0 Lakeshore habitat restoration training manual and 4.1 web resources review / discussion |
| 9:15 a.m. – 10:00 a.m. | 5.0 Lakes and their land-water connection, 5.1 characteristics and benefits of intact lakeshores, 5.2 challenges created from unsound lakeshore development, and 5.3 the economics of water |
| 10:00 a.m. – 10:30 a.m. | BREAK |
| 10:30 a.m. – 11:15 a.m. | 5.4 Restoration ecology basics and getting to solutions, 6.0 Defining lakeshore habitat restoration, 6.1 project overview video, 6.2 state standards and biology technical note review, and 7.0 Discussion of landowner backgrounds and how to work effectively with your customers |
| 11:15 a.m. – 12:15 a.m. | 8.0 Designing lakeshore habitat restoration projects – steps 1-5 [includes 9.0 Understanding lakeshore soil basics, 9.1 ribbon test how-to, 9.2 collecting soil samples, 9.3 county resources, and 9.4 on-line resources] |
| 12:15 p.m. – 1:15 p.m. | LUNCH |
| 1:15 p.m. – 2:15 p.m. | 15.0 Designing lakeshore habitat restoration projects – steps 6-10 [includes 15.1 installations, 15.2 project instructions, 15.3 construction notes, and 22.0 long-term care and maintenance suggestions and site monitoring of your lakeshore habitat restoration project] |