

# Agenda

## Returning Natural Areas to the Landscape

- Natural land systems before development
- Benefits of restoring natural areas
- What is ecological restoration?
- Micro and macro benefits of restoration
- Restoration on micro and macro scales
- Raising the issue of restoration with clients

G. Fleischer

## Site Evaluation and Project Design

- Setting restoration goals
- Project objectives
- Site assessment
- Removing sources of disturbance
- Restoring ecological processes
- Restoring soil and water
- Restoring vegetation
- Monitoring and maintenance

D. Biggs

## Implementing Ecological Rehabilitation Plans

- Permitting and regulation of restoration in New York
- Construction process
- Evaluation, review and troubleshooting

M. Parkes

## Monitoring and Management

- Monitoring criteria and techniques
- Long-term project management
- Troubleshooting ecological threats
- Outside-the-box management techniques

P. Marchael

## Restoration Project Case Studies

P. Marchael

**Restoring Natural Areas in New York**  
Live, Interactive Webinar - Monday, April 26, 2021

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## Learning Objectives

### You'll be able to:

**Identify** the benefits of restoring natural areas.

**Assess** project sites and set restoration goals.

**Implement** ecological rehabilitation plans.

**Create** plans for long-term project management and monitoring.

**Explore** real-world cases studies of landscape restoration projects.

## HalfMoon Education Online Learning

# Restoring Natural Areas in New York

Live, Interactive Webinar - Monday, April 26, 2021



**Examine** the benefits of returning natural areas to the landscape

**Learn** how to evaluate project sites and set restoration goals

**Comply** with New York's restoration regulations and permitting requirements

**Handle** long-term project management challenges

**Troubleshoot** ecological threats

### Continuing Education Credits

#### Professional Engineers

6.5 PDHs

#### Architects

6.5 HSW CE Hours

#### AIA

6.5 LU | HSW

#### Landscape Architects

6.5 HSW CE Hours

#### LA CES

6.5 HSW PDHs

#### NY Certified Arborists

5.5 ISA CEUs (more inside)

#### Certified Planners

CM | 6.5

### Can't Attend? Order the Webinar as a Self-Study Package!

Recordings of this webinar are available for purchase. See registration panel for more information and please refer to specific state licensing rules or certification requirements to determine if this learning method is eligible for continuing education credit.



# Faculty

**Greg Fleischer, PWS Founder and Principal of Capital Environmental Consultants, Inc.**

Mr. Fleischer is the founder and principal of Capital Environmental Consultants, Inc. He is an environmental scientist and professional wetland scientist with more than 15 years of experience in the environmental consulting industry. Mr. Fleischer has conducted wetland and ecological investigations at properties throughout the five boroughs of New York City, Long Island, and the Lower and Mid-Hudson Valley. His areas of expertise include all aspects of federal, state, and local wetland analysis including freshwater and tidal delineation, specializing in comprehensive determinations for routine, atypical, and problem wetlands. Mr. Fleischer has extensive experience developing solutions and providing strategic advice for a wide range of clients and projects. He holds a BS degree in Biology from SUNY New Paltz and an MS degree in Environmental Science from Pace University.

**Daniel Biggs, RLA, ISA, CERP**

*Landscape Architect and Regional Manager for Weston & Sampson*

Mr. Biggs is a senior landscape architect and regional manager for Weston & Sampson in Albany, New York. A New York registered landscape architect, certified arborist, and certified ecological restoration practitioner, he has over 16 years of experience in all phases of planning, environmental permitting, landscape architecture and ecological design. His background includes leading multi-disciplinary teams on master planning, multi-use trails, parks, and ecological restoration projects. He led multi-disciplinary teams for the planning and design of wetlands, streams, shorelines, and ponds for a reclaimed quarry site. Mr. Biggs oversaw the ecological design and arboriculture assessment of existing natural resources to address the need for vegetation/species management along the Charles River in Massachusetts. He managed the construction of a 1.5 acre wetland restoration project, and has led the effort of designing several sustainable shorelines along the Hudson River. Mr. Biggs is particularly experienced in facilitating the stakeholder participation process and is passionate about incorporating public engagement as part of a creative, collaborative approach to planning and design.

**Michael Parkes, M.S. Principal and Chief Ecologist, Parkes Ecological LLC**

Mr. Parkes is a certified ecologist who serves as the chief ecologist/owner of a consulting firm founded in 2013. The firm's scope of services mirrors his expertise and interests: wetland and wildlife ecology, ecological design, land use regulation, and geographical information Systems (GIS). He has extensive experience working on contaminated sites. He has personally delineated over 100 wetlands in several states. These wetlands run the gamut of habitat types and regulatory scenarios. This has often led to the necessity of regulatory coordination and permitting. Parkes Ecological specializes in assisting engineers, landscape architects, and other professionals in developing compliance strategies, permits, and design documents that incorporate ecological design into the overall project design. This support is tailored to the client's existing capabilities and needs, often extending through construction and the monitoring frequently required with ecological projects.

**Pennington Marchael Landscape Contractor and Principal with Pennington Grey**

With ten years of experience in fine gardening, project management, and ecological restoration, Mr. Marchael has become a leader in natural areas and meadow management. He is a landscape contractor based in Brooklyn and Bedford Hills, New York. Throughout his career he has cultivated a deep understanding of horticulture and ecology which he uses to execute successfully vibrant landscapes. Mr. Marchael has over ten years of experience in project management, landscape construction, and maintenance. In those ten years he has installed and maintained meadows from Virginia to Northern New York with a total of over three hundred acres installed and many more maintained and monitored. Previously working with Larry Weaner Landscape Associates, Eastern Land Management, JW Townsend and other firms. His present focus is growing Pennington Grey, a landscape contracting firm, where he aspires to train a new generation of land managers that will lead the landscape industry away from traditional practices and towards a more sustainable and dynamic approach.

# Webinar Information

Log into Webinar 8:00 - 8:30 am EDT	Break 11:45 am - 12:15 pm EDT
Morning Session 8:30 - 11:45 am EDT	Afternoon Session 12:15 - 4:00 pm EDT

## Tuition

**\$289** for individual registration  
**\$199** for three or more registrants from the same company at the same time.

**Included with your registration:** PDF seminar manual.

## How to Register

- Visit us online at [www.halfmoonseminars.org](http://www.halfmoonseminars.org)
- Mail-in or fax the attached form to 715-835-6066
- Call customer service at 715-835-5900

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**Cancellations:** Cancel at least 48 hours before the start of the webinar, and receive a full tuition refund, minus a \$39 service charge for each registrant. Cancellations within 48 hours will receive a credit toward another webinar or the self-study package. You may also authorize another person to take your place.

## Continuing Education Credit Information

This webinar offers 6.5 PDHs to New York professional engineers and 6.0 HSW continuing education hours to New York architects. It offers 6.5 HSW continuing education hours to New York landscape architects.

HalfMoon Education is deemed an approved continuing education sponsor for New York engineers, architects, and landscape architects via its registration with the American Institute of Architects Continuing Education System (Regulations of the Commissioner §68.14(i)(2) and §69.6(i)(2), §79-1.5(i)(2)).

This course has been approved by the American Institute of Architects Continuing Education System for 6.5 LU|HSW (Sponsor No. J885). The Landscape Architect Continuing Education System has approved it for 6.0 HSW PDHs.

The International Society of Arboriculture (new York) has approved this event for the following CEUs: 5.5 Certified Arborist, Municipal Specialist; Tree Climber Specialist, Aerial Lift Specialist; 2.75 BCMA Science, BCMA Practice.

This course is approved by the American Planner Association AICP for CM | 6.5 for Certified Planners (9212769).

Completion certificates will be awarded to participants who complete this event, respond to prompts, and earn a passing score (80%) on the quiz that follows the presentation (multiple attempts allowed).

# Additional Learning

## Urban Planning and Design for Electric Bikes and Scooters

- Mon, Mar 22, 2021 | 9:30 am - 4:30 pm CDT

## Considerations for Acquiring and Developing Brownfields Properties in the US

- Tues, Mar 23, 2021 | 1:00 - 4:00 pm CDT

## Ethical Issues in Land Access and Development

- Wed, Mar 24, 2021 | 10:00 - 11:00 am CDT

## Threats to Trees

- Fri, Mar 26, 2021 | 9:00 am - 4:30 pm CDT

## Fire-Resistant Landscapes and Construction

- Tues, Mar 30, 2021 | 10:00 am - 5:00 pm CDT

## Prairie Restoration

- Wed, Mar 31, 2021 | 9:30 am - 4:30 pm CDT

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# Registration

## Restoring Natural Areas in New York

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How to Register		Registrant Information
<b>Online:</b> <a href="http://www.halfmoonseminars.org">www.halfmoonseminars.org</a>		Name: _____ Company/Firm: _____ Address: _____ City: _____ State: _____ Zip: _____ Occupation: _____ Email: _____ Phone: _____
<b>Phone:</b> 715-835-5900	<b>Code:</b>	<b>Additional Registrants:</b> Name: _____ Occupation: _____ Email: _____ Phone: _____ Name: _____ Occupation: _____ Email: _____ Phone: _____
<b>Fax:</b> 715-835-6066		
<b>Mail:</b> HalfMoon Education Inc., PO Box 278, Altoona, WI 54720-0278		
<b>Complete the entire form.</b> Attach duplicates if necessary.		Email address is required for credit card receipt, program changes, and notification of upcoming seminars and products. Your email will not be sold or transferred.
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Tuition
( ) <b>I will be attending the live webinar.</b> Single Registrant - <b>\$289.00</b> . Three or more registrants from the same company registering at the same time - <b>\$199.00</b> each.
( ) <b>I am not attending.</b> Please send me the webinar recording: <input type="checkbox"/> Streamable MP4 Video/PDF Manual for <b>\$299.00</b> . <input type="checkbox"/> USB Video/PDF Manual for <b>\$299.00</b> .
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