

Agenda

The Importance of Birds

- Birds and their ecosystems
- Standards and regulations that protect birds
- Birds in the built environment
- Avian vision and collisions

The Science of Bird-Building Collisions

- History: documentation and rescue
- Magnitude of collisions
- Temporal and spatial patterns
- Species patterns
- Architectural correlations with collisions frequency
- Artificial light impact on birds

Preventing Bird-Building Collisions

- Using bird biology and behavior to create materials that deter collisions
- Rating materials: what’s a threat factor and where do they come from?
- Bird-friendly glass: design, materials, examples
- External structures as collision deterrents
- Lights out
- Bird-friendly construction and landscaping: designs to avoid

Legislation, Codes, and Other Incentives

- History of legislation, LEED, GSA
- Existing legislation: commonalities
- Mandatory or not?
- Case studies – NYC LL15, Arlington

Landscaping for Birds Near Bird-friendly Buildings

- Green roofs
- Native plants: landscaping for wildlife

Bird and Wildlife-Friendly Design
Live, Interactive Webinar - Tuesday, June 25, 2024

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HalfMoon Education Inc.
PO Box 278
Altoona, WI 54720-0278



Learning Objectives

You’ll be able to:

- Consider*** the interaction between birds and the built environment.
- Discuss*** the science of bird-building collisions.
- Explore*** architectural correlations with the frequency of collisions.
- Examine*** strategies for reducing bird-building collisions.
- Consider*** the role of legislation, standards and other incentives.
- Get tips*** on landscaping for birds near bird-friendly buildings.

HalfMoon Education Inc.,
Your LIVE Education Leader Presents

Bird and Wildlife-Friendly Design

Live, Interactive Webinar - Tuesday, June 25, 2024



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| <i>Discuss</i> standards and regulations that protect birds | <i>Determine</i> artificial light impact on birds |
| <i>Explore</i> the science of bird-building collisions | <i>Learn</i> about bird and wildlife-friendly design legislation, codes, and other incentives |
| <i>Examine</i> bird-friendly construction and landscaping and discuss designs to avoid | <i>Consider</i> bird-friendly buildings with Green roofs and landscaping for wildlife |

Continuing Education Credits

- | | |
|--|---|
| <i>Professional Engineers</i>
6.0 PDHs | <i>Landscape Architects</i>
6.0 HSW CE Hours
6.0 LA CES HSW PDHs |
| <i>Architects</i>
6.0 HSW CE Hours
AIA 6.0 LU HSW | |

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Webinar Information

Online | Tuesday, June 25, 2024 | 9:00 am - 4:00 pm CDT

Log into Webinar: 8:30 - 9:00 am CDT

First Session: 9:00 - 11:00 am CDT

Break: 11:00 - 11:30 am CDT

Second Session: 11:30 am - 1:30 pm CDT

Break: 1:30 - 2:00 pm CDT

Third Session: 2:00 - 4:00 pm CDT

Tuition

\$339 for individual registration.

\$309 for two or more registrants from the same company at the same time.

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- Visit us online at www.halfmoonseminars.org
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Faculty

Kaitlyn Parkins

Glass Collisions Program Coordinator, American Bird Conservancy

Ms. Parkins has been working in wildlife conservation since 2008, holding research positions studying native plants, pollinators, migratory birds, and bats. She began birding to connect with nature in the city and was introduced to the world of urban bird conservation through an internship conducting window collision monitoring. As a member of the collisions team at American Bird Conservancy (ABC), Ms. Parkins focuses on addressing bird-window collisions through education, outreach, glass testing, and policy solutions. She holds an M.S. degree in Biology and an advanced certificate in Conservation Biology from Fordham University and a B.A. degree in Biology and Psychology from McDaniel College.

Aniko Totha

Bird Collision Glass Testing Program Coordinator , American Bird Conservancy

Ms. Totha manages the American Bird Conservancy's program to evaluate and rate bird-friendly materials. Prior to joining ABC, she spent ten years studying various bird species in the U.S. and as a keeper at the Wildlife Conservation Society's Bronx Zoo's Ornithology department. She received a bachelor's degree in Environmental Science at Ramapo College of New Jersey and her master's degree in Biology with Miami University of Ohio.

Bryan Lenz

Bird Collision Glass Testing Program Coordinator, American Bird Conservancy

Dr. Lenz has an M.Sc. in Primate Conservation from Oxford Brookes University and an M.A. degree and a Ph.D. degree in Physical (Biological) Anthropology from Tulane University where he studied the impact of cattle ranching on a community of primates in the central Amazon. As Glass Collision Program director, Dr. Lenz follows ABC's holistic approach to preventing collisions, working on research, design, legislation, building codes, education, outreach, glass testing, and marketing. The target audience is everyone: elected officials, private citizens, public employees, architects, corporations, universities, researchers, and anyone else who can influence the design of new buildings or the operation of existing buildings, including homes. As Bird City Network director, his goal is to take the effective Bird City model of community conservation and scale it up so that it saves birds and improves communities throughout the Western Hemisphere. Bird City is a "how to" for local activism that provides public recognition, connections, and advice for communities whose actions win them Bird City recognition.

Christine Sheppard, Ph.D

Senior Director, Glass Collisions Program, American Bird Conservancy

Ms. Sheppard has been director of American Bird Conservancy's Glass Collisions Program since its inception in 2009. She has led instrumental bird collision mitigation efforts including testing of materials, the publication Bird-friendly Building Design, LEED Pilot Credit 55: Bird Collision Deterrence, and consulting on related legislation throughout the US.

Credit Information

This webinar is open to the public and is designed to qualify for 6.0 PDHs for professional engineers, 6.0 HSW continuing education hours for licensed architects, and 6.0 HSW continuing education hours for landscape architects in all states that allow this learning method. Please refer to specific state rules to determine eligibility.

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The Landscape Architecture Continuing Education System has approved this course for 6.0 HSW PDHs. Only full participation is reportable to the LA CES.

Attendance will be monitored, and attendance certificates will be available after the webinar for those who attend the entire course and score a minimum 80% on the quiz that follows the course (multiple attempts allowed).

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6.0 HSW LUs (AIA) 6.0 HSW PDHs (LA CES)

Additional Learning

Botany Fundamentals

- Friday, June 7, 2024 | 9:00 am - 4:00 pm CDT

Obtaining Phase 1 and Phase 2 Environmental Site Assessments

- Monday, June 10, 2024 | 9:00 - 11:00 am CDT

Soils in Construction

- Tuesday, June 11, 2024 | 8:30 am - 5:00 pm CDT

Accessible Trail Design, Construction, and Operation

- Friday, June 14, 2024 | 9:00 am - 4:30 pm CDT

Federal Wetlands Science, Law, and Compliance Post-Sackett

- Friday, June 14, 2024 | 9:00 am - 4:20 pm CDT

Barrier-Free Requirements in Outdoor Spaces

- Monday, June 24, 2024 | 2:00 - 4:00 pm CDT

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