

NEW!—On-Line Registration Now Available: <https://square.link/u/KlwWUPUb> or use QR code on front of brochure.

Mail in Registration

Series 7, Course 4, 10/23 & 24, 2026

Name _____

Address _____

City/ST/ZIP _____

Club/District _____

Phone _____

Email _____

Fees

- ☐ **\$80 Both Days (Program Only)**
- ☐ **\$50 One Day** ☐ **Oct 23** ☐ **Oct 24**
- ☐ **\$14 Oct 23 Lunch**
- ☐ **\$14 Oct 24 Lunch**
- ☐ **\$5 Exam Fee—if studying to be an ES Consultant**
- ☐ **\$5 Refresher Fee - Current ES Consultants**
- ☐ **\$10 Late fee if postmarked after 10/9/2026**

Total \$ _____ Check # _____

Please make check payable to WGCF Environmental School and send to :

Gretchen Vest, Registrar

704 Spring Drive,

West Bend, WI 53095

Registration Deadline: 10/9/2026

NO REFUNDS AFTER 10/9/2026

Contact Information

WGCF Environmental School Chair: Karen Merlau
16428 Bethel Rd, Elkhart Lake, WI 53020
kmerlau@tds.net 920-838-1277

Environmental School Registrar: Gretchen Vest
704 Spring Drive, West Bend, WI 53095
262-338-6645 gretchenvest@aol.com

WGCF President: Joe Powelka
5361 Betlach Rd, Sun Prairie, WI 53590
oneplus@chorus.net 608-206-4238

Recommended Reading

- **The National Gardener**—free publication on NGC website.
<https://www.gardenclub.org/national-gardener>
- **Bringing Nature Home;** Doug Tallamy
- **Living in the Environment;** G.Tyler Miller Jr. (any edition) Read glossary & index for vocabulary
 - ⇒ 11th Ed, ch 8, 10, 11, 13, 17, 20, 27, 28
 - ⇒ 12th Ed, ch 1, 4, 7, 13, 15, 19, 20, 24, 26, 27, 28
 - ⇒ 13th Ed, ch 1, 4, 7, 14, 19, 24, Appendixes 1, 2, 3 and glossary
 - ⇒ 14th Ed, ch 1, 4, 7, 8, 14, 15, 19, 22, 26, 27, Appendixes 2 & 5 and glossary
 - ⇒ 15th Ed, ch 1, 6, 12, 14, 21, Supplements 4 & 5, and glossary
 - ⇒ 16th Ed, ch 1, 3, 4, 6, 7, 8, 9, 11, 13, 20, 22, 23, 24, 25, Supplements 3, 4, 7, 8, 9, 11, 12 and glossary
 - ⇒ 17th Ed, ch 1, 8, 11, 13, 24 and glossary
 - ⇒ 19th Ed. Ch 8, 11, 13, 20, 22, 23, 24

Required Vocabulary:

Aquaculture, Economic System, Polychlorinated Biphenyls (PCBS), Bacteria, Estuary, Riparian Zones, Clean Water Act 1977, Groundwater, Surface Water, Commercial Extinction, Infiltration, Water Pollution Control Acts 1972, 1978, Coral Reefs, Inland Wetlands, Watershed, Cultural Eutrophication, Leaching, Wild And Scenic Rivers Act 1968, Drainage Basin, Non-Point Source Pollution

Wisconsin Garden Club Federation

Presents

The Living Earth

Environmental School,

Series 7, Course 4

Water and Related Issues



October 23 & 24, 2026
Maywood Environmental
Park
3615 Mueller Rd
Sheboygan, WI 53083

Environmental School, Series 7, Course 4

Friday, October 23, 2026

7:45 - 8:15	Registration
8:15 - 8:30	Welcome & Introductions
8:30 - 9:30	Wildlife—Aquatic Animals— Seilheimer
9:30—10:30	Living a Dual Life: Water and Land—Raddatz
10:30 - 10:45	Break
10:45 - 11:45	Wetlands—DeZwarte
11:45 - 12:30	Lunch
12:30—Travel	to Sheboygan County Marsh
1:30—3:30	Field Trip— Sheboygan County Marsh—DeZwarte

Saturday, October 24, 2026

8:00 - 9:00	Ecology—Pickhardt
9:00—10:00	Plants - Aquatic Plants— Seilheimer
10:00 - 10:15	Break
10:15—11:15	Environmental Science— Sustainability—Kabrhel
11:15 - 12:15	Youth Programs in Environmental Education—Hafertepe
12:15—12:45	Lunch
12:45—1:45	Earth Stewardship—Effective Citi- zenship—Van Akkeren
1:45—2:00	Break (Optional)
2:00 - 2:15	Review (Optional)
2:15 - 4:00	Exam - open book & open notes (Optional)

***NOTE:** There are no exam questions on the field trip or reading recommendations.

Website

You may learn more about the Environmental School at <https://www.gardenclub.org/environmental-school>

Presenters

Sarah DeZwarte is the Director of Education at YMCA Camp Y Koda. She holds a BS in Biology and a MS in Education and Community Engagement. She teaches nature based education for all ages.

Maggie Hafertepe teaches science at George D. Warriner High School in Sheboygan. She holds a B.S. in Biology and an M.S. in Science Education from the University of Southern Mississippi. Maggie and WHS students spend two days each week studying environmental science, collecting stream monitoring data for Water Action Volunteers, and completing projects at Maywood.

James Kabrhel is a Professor of Chemistry at UW-Green Bay. He holds a Ph.D in Organic Chemistry from the University of Minnesota. Beyond teaching traditional chemistry, he has developed courses on sustainability and scientific literacy. He tackles the issues of pseudoscience and scientific misinformation.

Paul Pickhardt is a Professor of Biology at Lakeland University. He holds a Ph.D. in biology from Dartmouth College and a bachelor’s degree from UW-Madison. In addition to his teaching duties, he volunteers on Maywood’s Executive and Advisory boards and has served as the President of Ellwood H. May Environmental Park.

Janet Raddatz grew up in rural Green Bay, WI where she was able to catch frogs, turtles, leeches, and small fish, bring them home and watch them grow. Every Spring brought new adventures in nearby aquatic environments. Her interest in nature continued and she received her B.S. in Biology. Janet’s work path involved very small creatures – bacteria, yeasts and molds of the food industry. She participated in the WI Herpetological Atlas Project and is cited with documenting the existence of two species of frogs not previously identified in Sheboygan County. She became a Master Naturalist in 2015 and participates in many citizen science projects and co-leads a weekly Discovery Bird Walk at Kohler-Andrae State Park.

Titus Seilheimer is a Fisheries Specialist with Wisconsin Sea Grant at UW-Madison. He holds a Ph.D. in Biology from McMaster University.

James Van Akkeren is a member of Resilient Sheboygan County. He serves as Chairperson for the Maywood Property Stewardship Committee. He holds a B.S. in Social Work from UW-Milwaukee and a J.D degree from UW-Madison.

Field Trip

We will visit the Sheboygan County Marsh Wildlife Area. It lies in northwestern Sheboygan County, just one mile west and north of Elkhart Lake. The area historically known as Sheboygan Marsh includes over 14,000 acres of land and surface water. It contains the largest restored wetland in the Wisconsin watersheds of Lakes, Michigan, and Superior. The Sheboygan Marsh provides habitat for many different wildlife species. **Address: 7039 County Rd SR, Elkhart Lake**

Become an Environmental Consultant

- Belong to garden club affiliated with WGCF and National Garden Club, Inc.
- Earn a passing grade of 70% on all exams in all four courses.
- Complete all four courses and submit consultant accreditation application

Non-Garden Club Member Students

- May attend all courses & take exams
- Receive a certificate of completion upon attending all four courses
- May receive consultant status, as noted above, upon joining a NGC garden club within one year of course completion

Refresher Credits

Refresher credits for consultants and master consultants are required within five years of obtaining consultant status. A course may be taken for credit one time per calendar year.