

Fall IAN Workshop 2019

No Boundaries



Hamilton and Webster County Conservation
Wednesday - Friday, November 6 - 8, 2019
Briggs Woods Conference Center
2501 Briggs Woods Trail Webster City, IA 50595



Wednesday, Nov 6, 2019 – Offsite and Extended Learning Sessions

Option 1: Gypsum City OHV Park - A Closer Look at Iowa's Largest Off-Highway Vehicle Destination

Presenter: Matt Cosgrove, Webster CCB Director & Tasha Nielsen, Webster CCB Natural Resource/Trail Technician

Cost: FREE, max participation 20 **Time:** 1:30 - 4:30 pm **Category:** I & II

Meet at Briggs Woods Conference Center to car pool to Gypsum City OHV Park. Join Webster County Conservation staff for an inside look at Iowa's largest off-road destination. The session will include a brief discussion on the area's geology and mining history and how the industry has led to a variety of partnerships that developed this unique tourist attraction. Participants will be divided into smaller groups for tours of the newly completed campground, tiny houses and park trails. Participants will get to explore the OHV park via ATV, so bring long-pants, boots, long-sleeves and eye protection. We'll supply the helmets, machines and a good time!



Option 2: McMurry Hatchery Tour and Bell's Mill Park History and Gristmill Tour

Presenter: John Laird, Naturalist Hamilton CCB

Cost: FREE **Time:** 1:30 - 4:30 pm **Category:** I & II

Meet at Briggs Woods Conference Center to car pool to McMurray Hatchery in Webster City and go on a one hour tour of a chicken and rare bird hatchery that ships its hatchlings worldwide from here in central Iowa. Our tour will be led by Thomas R. Watkins who is the Vice President of Murray McMurray Hatchery. We will be able to tour areas of the facility not normally open to the public since the hatchery season has just ended. We will then caravan to Bell's Mill Park located on the Boone River by Stratford. Hamilton County Naturalist John Laird will lead a history tour of Bell's Mill Park. We will tour the pioneer school house, pioneer log cabin, gristmill kiosk, park grounds, gristmill site location, and mention the Bell's Mill Sorghum Mill location that is nearby.



Participants can register online at <https://www.mycountyparks.com/Org-Event/19/Fall-IAN-Hamilton-and-Webster-County-No-Boundries.aspx>

Wednesday, Nov 6, 2019 – Offsite and Extended Learning Sessions Continued...

Option 3: Self-Guided Geology Tour of Boone River Bike Trail

Presenter: On your own

Cost: FREE **Time:** 1:30- 4:30 pm **Category:** I & II

Meet at the front desk located in Webster City Custom Meats Lobby at the Brigg's Woods Conference Center. Self-guided handouts will be available including: *Geological History of the Boone River* by Deborah Quade of the Iowa Geological and Water Survey and *Boone River Bike Trail Maps*. As you travel the trail you can view geological sites along the way and discover the geological past of the Boone River Valley. You will find geological features such as: glacial till, glacial rocks, waterfalls, floodplains, and limestone outcrops. The cement bike trail trailhead is located at the entrance of Brigg's Woods Park and ends at Nokomis Park in Webster City, an 11.4 mile round trip. You will be walking or riding the trail on your own, so you decide how much to ride or walk. Bring your bike, bike helmet or good walking shoes, water, camera, or smart phone to take some autumn pictures. Enjoy the great Iowa outdoors.



Option 4: Pine Needle Basket Weaving

Presenter: Angi Reid, Education Director for Waterloo Center for the Art

Cost: \$20, (min of 8 max of 16) **Time:** 1:30-4:30 pm **Category:** I & II



Meet at the Hamilton County Conservation Office meeting room and explore this lovely art form by weaving a small basket using long leaf pine needles, native to the southern United States. The long leaf drops its needles every three years so the needles tell interesting stories themselves. To use them they must be soaked in water overnight. Historically sinew would have been used as a binding agent but waxed thread works well. This introductory class will provide participants with the knowledge to be able to teach an intro class themselves and participants will begin the construction of their own pine needle basket.

Special Wednesday Night Activity Starts at 5 pm

Meet at Camp WaNoKi for supper and relaxation! After the meal, participate in throwing atlatls, tomahawks, and knives, hiking, share development plans, and brainstorm new ideas with other creative naturalists. Or just sit around the fire....

Meal of sandwiches and fixings from Bloomers gourmet coffee shop \$9.00.



Thursday, November 7th, 2019 - Sessions at the Briggs Woods Conference Center

6:00 - 10:00 am Breakfast at hotel or on own

8:00 - 8:30 am Registration

8:30 - 9:00 am Welcome, Announcements, & Introductions - Van Diest Supply Meeting RM A

9:00 - 10:30 am General Session

Importance of Karst Interp for Water Quality Issues

Presenter: Bob Storlie, Assistant Park Manager MN DNR

Category: I & II **Room:** Van Diest Supply Meeting Rm A

In the land of 10,000 lakes, Fillmore County where Mystery Cave is located, has no lakes! Instead, we have over 10,000 sinkholes and at least 400 known caves. At over 13 miles long, Mystery Cave is one of the most significant karst features in the upper Midwest. During this program you will learn about the various karst features and why Mystery Cave is so unique!



10:30 – 11:00 am Break (snack & drinks provided)

11:00 – 12:00 pm Concurrent Sessions

1. Personal Safety and Self Defense

Presenters: Chase Magers & Leah Magers, Owners, Magers Martial Arts

Category: III **Room:** Van Diest Supply Meeting Rm A

This will be a hands-on self defense class with real world practical techniques and an emphasis on awareness. We have a few simple techniques we are going to demonstrate then pair up and practice with each other while the instructors supervise.

2. School of the Wild: From Iowa City to Iowa Cities

Presenter: Dave Conrads, Associate Director for Outdoor Recreation and Education, U of I Recreational Services

Category: I & II **Room:** The Prairie Room Rm C

We will discuss why, and HOW, we went from half day and/or full-day field trips for local schools, to weeklong experiences for the entire Iowa City School District, 21 elementary schools, at the Macbride Nature Recreation Area. We will also look at how we are now working with other school districts and counties to bring this accredited school to their own local parks and wildlife areas. Finally, we'll envision what it might look like for every Iowa upper elementary student to participate in a weeklong environmental education experience in their own local park or wildlife area.



3. Naturalist Program Swap

Presenter: Christina Roelofs, Naturalist Shelby CCB/IDNR & Cari Nicely, Naturalist Henry CCB

Category: II **Room:** Dean & Adele Bowden Meeting Rm B

Would you like to get ideas of what other naturalists are doing with their programming? Naturalist program swaps are a great way of getting new ideas from your peers. Bring your environmental education programs, including a digital format, to share at a round table discussion. At the end of the session, a short demonstration will be given on how to access the IAN Gmail account, so digital formats can be acquired and shared.

12:00 – 1:00 pm Lunch - Taco Bar including Lentils for a vegetarian option \$10.00 - Van Diest Supply Meeting RM A

1:00 – 3:00 pm Concurrent Session

1. New Project WILD - Field Investigations, Authentic Data and STEM

Presenters: Barb Gigar, Training Specialist IDNR & Linette Bernard, ICEC

Category: II **Room:** The Prairie Room Rm C

Interactive, hands-on session to dive into the revised Project WILD book including field investigations using a STEM-based approach with ways to incorporate authentic data. This will include discussion about how to integrate resources without overwhelming educators or students.

2. Solar Panels of Little Wall Lake Education Tour

Presenter: Brian Lammers, Hamilton CCB Director

Category: I **Room:** Dean & Adele Bowden Meeting Rm B

Little Wall Lake is the first county park in Iowa to utilize solar energy to offset 100% of the electrical needs. See and learn about the 360 panels of the array used to meet this goal.



3. Paddling Sports & Safety Instruction 101

Presenter: Darrin Siefken, Owner, Crawdaddy Outdoors

Category: II **Room:** Van Diest Supply Meeting Rm A

Canoe and Kayaking Sports have become very popular with the public and as a result naturalists find themselves presenting more paddling sports programming. Darrin Siefken of CrawDaddy Outdoors will be leading this two hour session at the Brigg's Woods Park Beach Area located across the road and just in the park entrance from the Conference Center. You will need to drive or car pool yourself and others to the Brigg's Woods Park Beach parking lot and walk to the beach for this program. Darrin will go over the basics of paddling sports instruction and safety



instruction issues that we need to keep in mind for leading programs dealing with canoes and kayaks. Instruction will include watercraft and gear, paddle strokes, safety concerns, self and assisted recovery, trip leading as well as teaching progression. This Paddling Sports and Safety Instruction Session is a good refresher for naturalists who include kayaking and canoeing as part of their public programming. Canoes, kayaks, paddles, and life jackets will be provided at no cost by CrawDaddy Outdoors and Hamilton County Conservation. There is a limited number of canoes and kayaks so be willing to share. If time allows people will be able to paddle on their own in Brigg's Woods Lake and enjoy the beauty of Brigg's Woods Lake and Park.

3:00 – 3:30 pm Break & IAN Group Picture (snack & coffee provided, pop for sale in lobby)

No outside snacks allowed. Snacks will be provided by the conference center.

3:30 – 4:30 pm Concurrent Session

1. Interpreting Native Cultures: Best Practices for Incorporating Indigenous Cultural History into Environmental Education

Presenter: Chérie Haury-Artz, Archaeology Technician, Education Specialist

Category: II

Room: Van Diest Supply Meeting Rm A



Naturalist educators are in a unique position to promote heritage learning and preservation through environmental education. The environment embraces social and cultural, as well as physical, environments. Native American cultures introduce participants to the need to preserve and protect our shared cultural heritage and emphasize respect, responsibility, caring and citizenship. We must listen to Native Americans and be sensitive to cultural differences and recognize how they would like to be represented. Based on advice from our Native American partners, this presentation will outline best practices for incorporating indigenous cultural history into environmental education.

2. Together, We Can Make a Difference – Reducing Lead Poisoning in Wildlife

Presenter: Ed Britton, Wildlife Refuge Manager, Upper Mississippi River National Wildlife and Fish Refuge

Category: I

Room: Dean & Adele Bowden Meeting Rm B

Ed began studying the effects of lead poisoning in bald eagles in the Midwest in 2011. In 2014, he co-authored the scientific publication “Bald Eagle Lead Exposure in the Upper Midwest” that documented lead poisoning as a major cause of mortality in bald eagles in the Midwest and that lead ammunition fragments contained in deer gut piles is a primary lead exposure pathway. As a result of this study, Regional and National guidelines were established and an educational outreach program was implemented to reduce lead poisoning in wildlife. Ed will share his experience and help others plan a future for the conservation of our national symbol as well as other wildlife. There will be a round table discussion afterwards on what we as county conservation boards can do in relation to this issue.

3. We Can Have Both with Regenerative Farming

Presenter: Suzan Erem, Executive Director, Sustainable Iowa Land Trust

Category: I

Room: The Prairie Room Rm C

It doesn't have to be nature vs. agriculture. Regenerative food farming can be Iowa's future if we want it to be. Using sample soil and topographical maps from Iowa, presenters will discuss and then illustrate Iowa's potential for nature-friendly food production that mitigates climate change, reduces soil erosion and ultimately helps clean our water and air. After presentations from experts, workshop attendees will each be given a sample aerial farm photo and the opportunity to map out livestock, perennial and annual crops, than discuss their reasons for why they placed certain crops where, as time allows.



4:30 – 5:30 pm IAN Business Meeting - Van Diest Supply Meeting Rm A

5:30 pm – Dinner / Silent Auction to Follow Carnivore - Herb crusted pork loin or

Vegetarian - Penne & grape tomato pasta, sides include: green beans almandine, red mashed potatoes with chives, mixed green salad, roll, lemonade, tea or water. \$14.00

Friday, November 8th, 2019 - Sessions at the Briggs Woods Conference Center

6:00 - 10:00 am Breakfast at hotel or on own

8:30 – 9:30 am Concurrent Session

1. Celebrating Lifelong Learning through Arts and Natural Resources

Presenter: Maureen Seamonds, Artist/Educator

Category: II **Room:** The Prairie Room Rm C

We encourage learners of all ages to come play with us in the beautiful Boone River Valley where the prairie meets the forest. We create team building and stress reduction in nature workshops with an artistic slant designed specifically for your group. Make that reunion, convention, retreat, or any day more effective, fun, and memorable by working with us to create a special event or by joining in one of the many workshops offered throughout the area. We invite artists from throughout the Midwest to provide high quality, possibly life-changing experiences and revel in the joy of seeing creative expression flourish in beautiful, outdoor environments such as our own Briggs Woods Park and cabins.



2. NGSS-Aligned Lessons and Storylines

Presenters: Hope Brown, Leadership and Learning Consultant, Prairie Lakes AEA and Rod Riessen, retired physical education instructor, Fort Dodge Senior High

Category: II **Room:** Van Diest Supply Meeting Rm A

How does PE coupled with NGSS look to a school board? How can your AEA science consultant help with integrating NGSS into a wide diversity of classes? In this session the presenters will discuss how NGSS can be used for non-formal education, as well as how to create storylines that naturalists could easily integrate into their programs. They will also share the implementation process of a high school outdoor recreation class; the obstacles, outcomes, and potential for other schools to implement a similar course.

3. Helping the Public with Wildlife Concerns AND Wildlife Education Partnerships

Presenter: Marlene Ehresmann, Executive Director, Iowa Wildlife Center

Category: II **Room:** Dean & Adele Bowden Meeting Rm B

We all get those wildlife calls. Do we all know what to say or ask the caller? Marlene will share her lifelong knowledge and experiences to help naturalists deal with challenging wildlife concerns. She and her team have also developed a great publication of telephone tips that CCBs may want to utilize. Marlene will also address strategies for agencies like CCBs to partner with local wildlife rehabilitators and understand how that may fall under your agency's mission.



9:30 – 10:30 am Concurrent Session

1. Revitalizing the Master Conservationist Program in Iowa

Presenter: Adam Janke, Assistant Professor, Extension Wildlife Specialist, Dept. Natural Resource Ecology and Management at ISU

Category: II **Room:** The Prairie Room Rm C

The Master Conservationist Program is working to continue its tradition of creating graduates that "Plant the Seeds of Conservation" in Iowa through intensive educational curricula and intimate networking opportunities with local conservation leaders and citizen champions. This session will discuss how the newly redesigned program is being delivered across the state through collaborations between County Conservation, Iowa State University Extension and Outreach, the Iowa DNR and other conservation leaders and how IAN members can support the effort in their communities and statewide.



9:30 – 10:30 am Concurrent Session... continued

2. How to Start a Waste Reduction Awareness Program (WRAP)

Presenters: Andrew Phelps & Nikki Dunbar, Assistant Naturalists, Polk CCB

Category: II **Room:** Van Diest Supply Meeting Rm A

Have you ever thought about reducing the amount of food waste that is thrown away at your nature center during field trips, programs, events etc.? This presentation will focus on how Polk County Conservation used a REAP CEP grant to start a composting project and how easy it can be to get one started at your own nature center.



3. River Rascals: Connecting kids and rivers

Presenter: Robin Fortney, former coordinator, Central Iowa Paddlers

Category: II **Room:** Dean & Adele Bowden Meeting Rm B

Why connect kids and rivers? Moving water can be a source of both fascination and fear for adults and children alike. This program will offer ways to increase awareness of river values and issues, introduce new competencies, allow freedom for play on river time and expand the natural curiosity and creativity of children, while addressing safety and liability concerns. If we do not instill an awareness and love of rivers and their care in our children, who will care for Iowa's rivers in the years to come?

10:30 – 11:00 am Break (coffee provided)

11:00 – 12:00 pm Concurrent Session

1. Bee Health Research in Iowa Soybeans and Prairies

Presenter: Randall Paul Cass, Extension Entomologist, Honey Bees and Native Bees

Category: I & II **Room:** Dean & Adele Bowden Meeting Rm B

The Iowa landscape can be a challenging place for bees to thrive. Did you know that there are over 300 species of bees in Iowa? The bee research currently being conducted at Iowa State focuses on monitoring the major stressors that contribute to bee decline and developing recommendations for best practices for beekeepers, farmers, and landowners to promote bee health.



2. Food Allergy Awareness

Presenters: Bobbi Donovan, Naturalist & Billy Provost, Iowa State Student

Category: IV **Room:** The Prairie Room Rm C

Having participants with food allergies at programs is becoming more and more common. Learn how to keep these kids and adults safe at your programs. Billy Provost has life-threatening food allergies to dairy, peanuts, and tree nuts. He has agreed to come share his experiences growing up with these allergies. He also has experienced anaphylaxis and can share what allergic reactions feels like for him. Bobbi who has cared for someone with allergies, will share experiences and tips.



3. On the Spectrum...Programming with Autism--Part II

Presenter: Coletta Jaeger, school psychologist and member of Challenging Behavior Autism Team, Prairie Lakes AEA and Geri Winge, School to Work Coordinator, Eagle Grove Schools and Webster County Conservation Board

Category: II & III **Room:** Van Diest Supply Meeting Rm A

This session will consist of a general overview of Autism. Participants will learn about sensory issues and how to prevent behaviors related to sensory needs of individuals with Autism. Participants will also have a better understanding of how visual supports can help with transitions and communicate expectations.

12:00 pm Lunch / Depart - Lunch: Assorted deli meats, cheeses, breads, lettuce, tomato and condiments to build your own sandwich. Served with cookie, coleslaw and potato chips. Lemonade, water and tea. \$11.00

Professional Development Category

Category I -Knowledge of Natural Resources

Category II -Program Development and Educational Skills

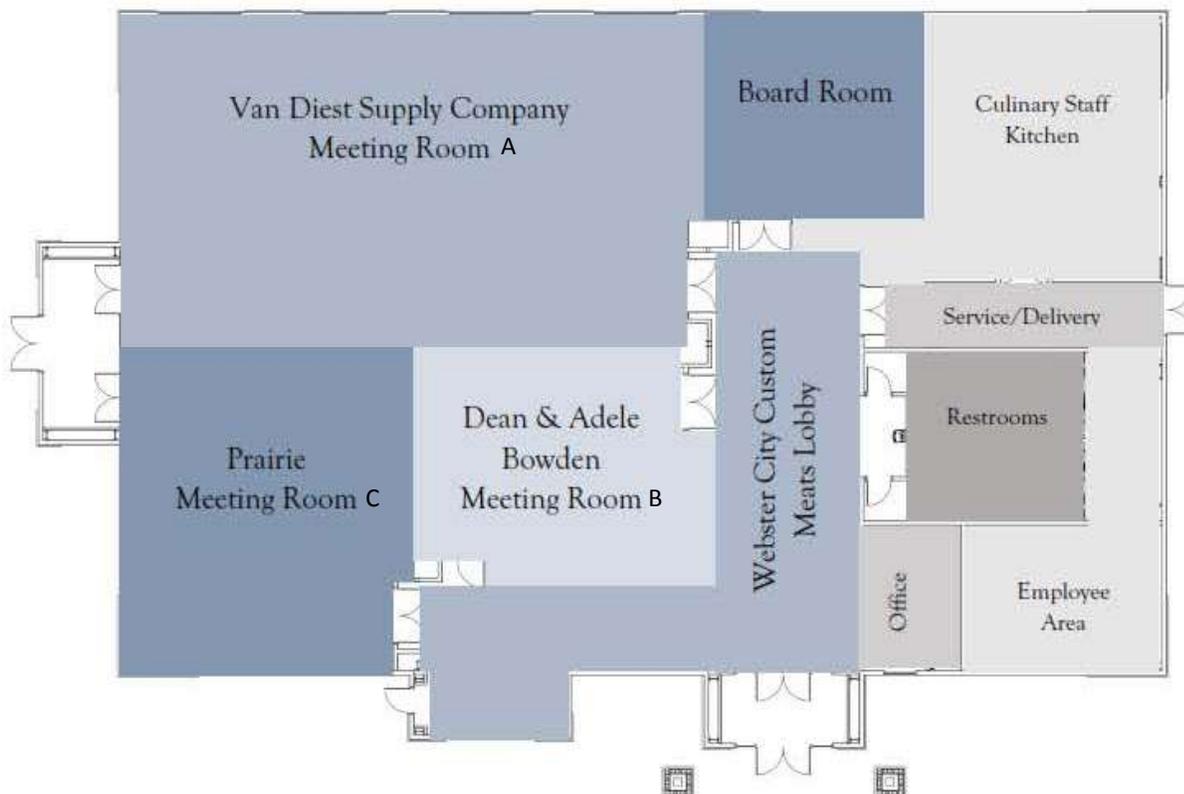
Category III -Communication Skills

Category IV -Administrative Skills

Category V -Other Certification/Training

The Professional Development Program is designed to recognize IAN Naturalists that attend workshops and educational opportunities on a regular basis to make themselves better at their profession. Certificates are awarded annually to naturalists completing the required continuing education.

The first five categories are based on the major areas of the Professional Standards for Interpretive Naturalist as defined by the Iowa Association of Naturalists. Professional Service is the sixth category. The applicant must earn 20 contact hours per year. Ways to earn these hours include attending seminars, correspondence courses, workshops, regular college courses and independent study. Independent study must be documented with a brief written explanation. Applicants should show how the knowledge gained was used in their work and how it relates to the Professional Standards. Each independent study project is worth one hour. A maximum of four hours may be applied to any of the first four categories.



Questions????

Emily Herring - eherring@marshallcountytia.gov Office 641-752-5490 or Cell 515-290-5187

John Laird - Office 515-832-9570 or Cell 515-297- 0423

Karen Hansen - Office 515-576-4258 or Cell 515-571-3587

Lodging in Webster City

AmericInn

411 Closz Drive Webster City, IA 50595
515-832-3999

Room Rate: 1 King Bed \$75 per night, 2 Queen Beds \$78 per night ***
Continental Breakfast Included

To book a room call the Webster City AmericInn and mention that you want a room that is blocked for "The Iowa Association of Naturalists". 40 rooms are available for the Fall IAN Workshop on Wednesday November 6 and Thursday November 7, 2019.

Super 8

305 Closz Drive Webster City, IA 50595
515-218-2289

Room Rate: 1 King Bed \$82 per night, 2 Queen Beds \$80 per night
Continental Breakfast Included

No Rooms have been blocked at Super 8 for the event.

Both Hotels are located at the intersection of new highway 20 and highway 17 at the Webster City Exit on the south side of the intersection. The Brigg's Woods Conference Center is located just about 2-3 miles south of this location off of highway 17 at 2501 Brigg's Woods Trail just south of Webster City.

Alternate Lodging at Briggs Woods Park

Modern and primitive cabins are available on <https://www.mycountyparks.com/County/Hamilton.aspx> but must be reserved 5 days in advance. Please read the descriptions to learn more about each facility.

Camping Rate \$12 (Off Season), Self-Registration at Campgrounds Registration Kiosk

The water will be shut off but electrical will still be available at the pedestals. Shower houses will be closed for the season.

*****New legislation requires that all hotel/motel taxes be paid by government agencies**

Food provided by the conference center will be served on glass dinner wear, so you will not need to provide a table service.

