

Fall IAN Workshop 2023

Confluence of Conservation



Carroll County Conservation
Wed. - Friday, November 1st-3rd, 2023

Swan Lake Conservation Education Center
22676 Swan Lake Drive
Carroll, Iowa 51401

Wednesday, Nov. 1st, 2023 – Offsite and Extended Learning Sessions

Option 1: History of Carroll County

Cost: \$20 Time: 1:00 - 4:00 pm Category: I

Tour of the Manning Hausbarn, Blacksmithing, and Tour of Templeton Rye Distillery
(\$20 for tour, blacksmithing cost, etc.)

Meet at Manning Hausbarn 12196 311th St, Manning, IA 51455

Lunch Suggestions: Level B, Cliffs Place, Debs Café



Option 2: ISU Extension Grant Writing Workshop

Cost: \$40 Time: 1:00-4:00 pm Category: IV

At Swan Lake State Park Wapiti Room

Lunch Suggestions: Bordenaro's Meat Market, Brother's on Main, Jalisco

Option 3: Save Our Streams (Water Quality Monitoring) Training

Cost: FREE Time: 1:00-4:00 pm Category: V

Izaak Walton League, Heather Wilson and the Raccoon River Watershed Association

Location TBD Meet at 1pm



Option 4: Iowa State Extensions & Outreach:

Monarchs, Native Bees and more Curriculum Training

Cost: FREE Time: 1:00-4:00 pm Category: II & V

22676 Swan Lake State Park (Bison Room)



Participants can register online at . . .

www.mycountyparks.com/Org-Event/77/Fall-IAN-Workshop-2023-Carroll-County.aspx

Thursday, November 2nd, 2023 -

Sessions at the Swan Lake Conservation Education Center

8:00 - 9:00 am Registration at the Nature Center

Exhibitor Exploration: Graddy's, Eskimo, IWINR, Smudge Soaps, Toploft Clothing, Artist Naomi Friend, and more

9:00 am Welcome, Announcements & Introductions

9:15 am Global Coffee taste testing by Rural Route Roaster

9:45 - 10:45 am General Session

Monarch Conservation Consortium—Saving the Monarch

Presenter: Dr. John Pleasants, Adjunct Associate Professor in the Ecology, Evolution and Organismal Biology Department at Iowa State University

Category: I **Room:** Bison/Wapiti Room

Sharing the interesting biology of the monarch butterfly, tell why its numbers have gone down, and describe some conservation actions that can be taken.



10:45 – 11:00 am Break

11:00 – 11:45 pm Concurrent Sessions

Novel Partnerships to Facilitate Conservation Outcomes

Presenters: Professor Keith Summerville, Levitt Professor of Environmental Science at Drake University Director Jay Ed Darling Institute

Category: III **Room:** Wapiti Room/Virtual

Introduce participants to resources within Drake University and the professional community.



Stem Connections

Presenter: Mary Trent, Northwest STEM Regional Manager Iowa Lakes Community College

Category: II **Room:** Bison Room

Connecting with STEM Resources in Iowa and how to connect them to conservation work.

Roundtable Discussion of Wilderness Trips

Presenter: Wilderness Committee

Category: II **Room:** Basement

The IAN Wilderness Committee invites naturalists who conduct wilderness/backpacking trips, or those who are interested to sit in and contribute to a wilderness trip roundtable discussion. The talk will be open and informal but topics that will be discussed can be anything and all things wilderness/backpacking trips. Trip costs, logistics, do's/don'ts, failures, and success stories.



11:50 – 1:20 pm Lunch & Business Meeting at the Nature Center

Hot Sandwich Meal—Choice of two Hamburgers, Brats, Fruit, Pasta & Cheesy Hashbrowns.

Gluten Free— Hamburgers or Brats without Buns, fruit, salad and chips

Herbivore—Salad, Fruit, Chips, Cheesy Hashbrowns

\$12/person

1:20 – 2:05 pm Concurrent Session

Bumble Bee Atlas: Regional collaboration to conserve pollinators using community science

Presenter: Sarah Nizzi, Farm Bill Pollinator Conservation Planner & NRCS Partner Biologist, Xerxes Society

Category: I & II

Room: Bison Room



Join Sarah Nizzi with the Xerxes Society to learn about the Xerxes Society's Bumble Bee Atlas program, as well as the up and coming Iowa bumble bee atlas launching in 2024. The atlas project is a community science effort focused on tracking and documenting bumble bee species and populations throughout the United States. The atlas provides an opportunity for people to actively participate in bumble bee conservation by collecting the data needed to conserve these important species.

Graduate Fellowships

Presenter: Teresa Root, Naturalist and Fellow Coordinator of Dodge Nature Center

Category: II & IV **Room:** Wapiti Room—Virtual

Come and learn about how Dodge Nature Center created its Graduate Fellowship program to partner with recent graduates to meet their organizational goals and expand the professional development of those who participate.

Native Bee Challenge

Presenter: Lynne Cambell, Education Extension Specialist III, Iowa State Extension & Outreach

Category: I & II **Room:** Basement

Come learn about a great resource you can bring to schools to learn all about native bees, why they are important, how you can help them and so much more.

2:05 – 2:50 pm Concurrent Session

Music and Programming

Presenter: Heather Hucka (Cerro Gordo Co Conservation) & Lewis Major (Polk Co. Conservation)

Category: II & III **Room:** Bison Room

Come watch and learn some tried and tested interpretive tools. Hear music and songs created to connect an audience to their experience. Whether you already use music in your programming or want to begin but don't know how, this session will have a little for everyone. Music has always been a part of nature. Using music to teach about nature allows your participants to connect with you and your topic on a different level. Use songs to teach topics from dirt to rocks to habitats and nature play. Learn tricks and tips when incorporating music into your programming and how you can change songs to meet your specific needs. Enjoy some creative songs or bring your program's music to share. Either way this informal session is sure to entertain and delivered to inspire.



Community Science for Clean Water

Presenter: Heather Wilson, Midwest Save Our Stream Coordinator, Izaak Walton League of America

Category: II **Room:** Wapiti Room

Community science programs invite everyone to be a scientist! Learn how your audience can get involved with community science programs coordinated by the Izaak Walton League of America's Clean Water Team, including Save our Streams, Nitrate Watch and more.

The Power of Using Student Questions to Support Student Learning

Presenter: Jolie Pelds, Director of Innovative STEM Teaching Science Center of Iowa

Category: II& III **Room:** Wapiti Room

Curiosity and wonder are the driving force in authentic learning. Join the Science Center of Iowa to learn more about using questions and prompts that encourage youth to be the drivers of their own learning. Participants will explore questioning strategies that can be used with various curriculums and activities. Learn how to use phenomena and provocations to get youth asking their own questions to begin the learning process.

2:50 – 3:20 pm Break & IAN Group Picture

3:20 – 5:20 pm Concurrent Session

Connecting Educational Resources

Presenter: Dr. Marcy Hahn, Former Director of Master of Arts in Teacher Program & Association Professor of Teacher Education Simpson College, Gus Elliott, Hunters Education & Shooting Sports for the Iowa Dept. of Natural Resources, Sandy Kluver, Instructional Mentor Carroll Middle School

Category: II & III **Room:** Bison/Wapiti Room

Experts in the field of education will help us understand in hands-on interactive ways how to align naturalist programming with the intel from an education and curriculum Background. We will start together as a big group. Then break out into smaller sessions as we work through tips, tricks, lingo, and lesson plans for elementary, middle, and high-school. We will rotate so everyone has a chance to learn for each grade level. Then we will all join up back together to tie up what we learned and how to carry it into our work.

5:20-5:50 pm General Session

Holistic Health Restorative Yoga Session

Presenter:

Category: III **Room:** Bison & Wapiti Room

After a long day, and lots of great learning we will together all learn how to refocus ourselves to head into the nights activities

6:00 pm Dinner at the East Shelter

Pork Loin Lightly BBQ'd, Broaster Chicken, Garlic Mashed Potatoes, Caesar, Macaroni Salad, Coleslaw, Corn, Green Beans.

Gluten Free— Pork Loin Lightly BBQ'd, Mashed Potatoes, Corn, Coleslaw, Green Beans

Herbivore— Broccoli Alfredo \$14/person

7:00 pm Water Rocks the Musical with Ames Children's Choir

Following Dinner— Trivia at the East Shelter

Deer Ridge Cabin open for music and socialization



Don't forget about the

- Freebie Table
- Snacks

Participants can register online at . . .

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Friday, March 10th, 2023 - Sessions at the Prairie Woods Nature Center

8:30 - 9:30 am General Session

Connecting to Higher Level Education

Presenter: Gus Elliott, *Hunter Education and Shooting Sports for the Iowa Department of Natural Resources*
Chris Like, *Science Program Consultant for the Iowa Department of Education*

Category: Room: Bison/Wapiti Room

Continue on from our session Thursday afternoon and learn how to use the work of Chris Like and Gus Elliott to connect your resources to those of higher education.

9:30 – 9:45 am Break

9:45 – 10:45 am Concurrent Sessions

Integrating community art into Naturalist programming

Presenter: Jennifer Drinkwater, Murals Extension Community Art Specialist & Associate Professor
Department of Art and Visual Culture College of Design, Iowa State University

Category: II & III **Room:** Bison/Wapiti Room

Come learn about all the resources available to help bring art into your community through nature programming on both large and small scales!

NASA Earth Science Resources

Presenters: Dr. Sarah D. Bang NASA Marshall Space Flight Center Earth Science Branch (ST-11)

Category: I & II **Room:** Wapiti Room

The earth and its phenomena affect every aspect of our daily lives. NASA satellite earth observation platforms make it possible for earth scientists to develop detection algorithms, improve prediction, and understand the climatologies of earth phenomena even in places where traditional observations are inconsistent or unavailable, and use these observations to monitor our changing Earth system. NASA is committed to making its data open and accessible to the public. Learn how to access NASA's earth observation data for your community and around the world, and ways to engage your community to learn more about understanding and conserving our dynamic home planet.

Wild and Wacky Naturalist Stories

Presenters: Tony Vorwald, Jackson Co Conservation & Cassandra (Alfstad) Barbosa, Montgomery Co Conservation

Category: III **Room:** Basement

Come one come all to the first ever live episode and recording of your favorite Iowa based naturalist podcast the Crossing Streams Podcast, hosted by Critter Cass and Tallgrass Tony. The topic of this live episode is "Your Naturalist Stories." In this episode we will treat the session like the Moth Radio Hour where interested naturalists will have the opportunity to tell a story that happened to them at some point in their Naturalist Career. These stories can be funny, inspiring, scary, heartbreaking, heart warming as long as it is the storytellers story to share. This live session will be recorded. If you are interested in telling a story to the audience please contact Tony Vorwald at tvorwald@jacksoncounty.iowa.gov



Questions????

Heidi Reams- hreams@floydcoia.org

641-756-3490 or cell 641-220-0074

10:45 – 11:45 am Concurrent Session

Bow Workshop

Presenter: John Haberl Carroll Co. Conservation NASP & Hunters Education
Volunteer & Former Bow Shop Owner

Category: II **Room:** Bison Room

Do you have a set of Gensis Bows in your county and you just aren't quite sure how to fix them or maintain them? Here is a great hands-on learning opportunity to learn some simple tips and tricks for common bow problems and to keep them running smoothly.



Environmental Education Permits

Presenters: Karmin Klingenberg, Program planner for the Iowa Dept of Natural Resources

Category: IV **Room:** Wapiti Room

Come learn all about the permitting process with the Iowa DNR. All the ins and out of what you need to know for artifacts and live animals!

Hide Tanning

Presenters: Cassandra (Alfstad) Barbosa Montgomery Co. Conservation

Category: II **Room:** Basement

You might be wondering, how do you do a 4 day tanning workshop in a nicely carpeted nature center? Come find out the logistics of where to get fur, how to keep things clean, during this two week program.

12:00 pm Lunch / Depart -

Subway Boxed Lunches 6" sub plus cookie and chips \$7.50/person



Lodging

Carrollton Inn

1730 US Highway 71 N

Carroll, Iowa 51401

712-792-5600

Room Rate: \$115 /night



To book a room call and mention that you want a room that is blocked for "Carroll County Conservation Fall IAN" 40 rooms are available for the Fall IAN Workshop on Wednesday, November 1st, and Thursday, November 2nd, 2023. Reservations MUST be made by Oct. 1st to guarantee government pricing.

Alternate Lodging

Bison View Cabin

Sleeps 8 comfortably. There are three bedrooms, two with queen size beds and one bedroom with two twin size beds along with a full couch sleeper in the living room. Two full bathrooms will also be located in the Bison View cabin. The Kitchen is equipped with all the basic cookware, dinnerware, silverware, and cooking utensils. \$110 per night. Call 712-792-4612 to reserve.

Deer Ridge Cabin

Sleeps 10 comfortably. It has two bedrooms on the main level with queen size beds, a bathroom, kitchen, living room, and the gathering room. In the lower level of the cabin there is a room with four twin size beds and a full-size bed along with another bathroom. \$125 per night. Call 712-792-4612 to reserve.