

2017-2018 Final Report for Door County AIS Education, Prevention & Planning

Grant: AEPP52117

Door County Soil & Water Conservation Department

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From March 2017 through calendar year 2018, WDNR funding was used to contract with The Nature Conservancy for the Door County Invasive Species Team (DCIST) Coordinator and partially funded limited term employees (LTEs) in the Door County Soil & Water Conservation Department (SWCD). This document outlines the activities and accomplishments of the coordinator and SWCD pertaining to aquatic invasive species education, community outreach, and inventory during the grant period.

The DCIST coordinator organized and held meetings with the members of the DCIST steering committee.

For each meeting, the coordinator drafted an agenda based on suggested topics that also included pertinent coordinator updates and new topics, updates on municipal ordinances, the Play, Clean, Go initiative, and conversations around the Door County Invasive Species Strategy. The agenda for each month and meeting notes were provided to the SWCD as electronic files. In 2017, DCIST welcomed new partners Josh Martinez (WDNR) and Bobbie Webster (UW-Green Bay) to our meetings. In 2018, we also invited partners from the County Parks Department (Wayne Spitka, Ben Nelson). For future participation a memorandum of understanding (MOU) is being considered to maintain participation.

On-the-water Education and Outreach by SWCD staff, and/or the DCIST Coordinator and/or a LTE

Coordinate AIS Bridge Snapshot Day.

In 2017 and 2018, a host site in Sturgeon Bay was offered through AIS Snapshot Day held by the River Alliance of Wisconsin held on August 5, 2017 and August 18, 2018. The coordinator made a listing of proposed monitoring sites including: Clark Lake at the East Town Line boat launch, Hibbards Creek at County Highway A, Hein's Creek at Highway 57, Whitefish Bay Creek at Clark Lake Road, Lily Bay County Park, Lily Bay Creek at County Highway T, Geisel Creek at Haberli Road, Big Creek at Michigan Street, Big Creek at Utah Street, Twin Harbor Creek at County Highway C, Clay Banks Creek at South Lake Michigan Drive, Larson Creek at Sand Bay Road, Stony Creek at County Highway J, Stony Creek at Rosewood Road, Robert La Salle County Park shoreline, Bear Creek at County Highway U, Bear Creek at South Shiloh Road, Sugar Creek County Park, Sugar Creek at County Highway K, and Sugar Creek at County Highway C. In 2018, TNC staff surveyed these sites during the winter months and narrowed them down to six of highest priority based on access, safety and likelihood of an invasive going undetected at that site. The training portion of both year's events was to be held at the Bayview Park Gazebo at 10 W. Larch Street in Sturgeon Bay.

Unfortunately, DCIST did not have any volunteers sign up in 2017 or 2018 through the River Alliance of Wisconsin, which is where all volunteers for this effort are directed to register. The DCIST advertised the opportunity locally through our newsletter, in a separate email to volunteers, on our Facebook page and through a release to local media well in advance of the event (including a save-the-date early in the field season). In 2018, The River Alliance of Wisconsin also pushed our Door County host site on their forums including Facebook and email because of lack of registration. The coordinator was still present at the site on the day of the event should any unregistered volunteers show up. When none arrived, the coordinator still participated in the event by sampling two sites that were identified for volunteers to visit.

After the event, the DCIST had conversations with staff of the River Alliance to talk about how we can make this event work for Door County. It is believed that one of the greatest obstacles is that this event

takes place on a busy summer weekend and for the better portion of a full day. Especially in 2018, there were many competing events and volunteer opportunities happening on the same day as Snapshot Day, including a large, multi-day annual event of the Door County Land Trust. Many of our volunteers also volunteer with the Land Trust. Prior to the 2018 event, it was asked if we could move the date slightly and still be part of the Snapshot Day outreach, however the River Alliance of Wisconsin requested that all sites host on the same day.

After discussions with staff there after the event, it was agreed that we could possibly have a different date than other sites next year, possibly a weekday, or a weekend that would not have so many competing activities for those living here. The River Alliance staff expressed that we were not the only host site that had this occur over the past few years, and they are also working with those sites to make Snapshot Day work for them. In addition, the River Alliance also informed the DCIST that Door County and the Lake Michigan shoreline counties are a priority for them to conduct outreach and education in. They stated that they had attended events in Door County previously in 2018 and intended to do more in the future. Open lines of communication will continue with the River Alliance, both regarding Snapshot Day and other opportunities which DCIST could partner with them on. The DCIST retains all the supplies, specimens and signage for the Snapshot Day event and will look into Door County to host a site again if funding allows for the following year.

Clean Boats Clean Waters

In 2017, the coordinator presented a one-hour Clean Boats, Clean Waters training for the SWCD LTE's and informed sea grant and other stakeholders about their whereabouts while conducting CBCW activities (to avoid overlap at launches). In addition, the coordinator also trained three LTE's at The Ridges Sanctuary to conduct Clean Boats, Clean Waters surveys at launches in 2017. In 2018, a large training for ten partner staff and volunteers was conducted at The Ridges Sanctuary. This two-hour training included information on AIS in Door County and the CBCW program and boat inspection steps. The coordinator compiled new Clean Boats, Clean Waters handbooks and materials for all participants that were trained.

In 2017 and 2018, the DCIST organized Door County's participation in two statewide AIS watercraft inspection events, the "Drain Campaign" weekend June 9th – 11th and the "Landing Blitz" weekend of June 30th – July 4th. The SWCD LTEs participated in the Drain Campaign and the Landing Blitz weekend. In Door County, a total of 68 boats were inspected and 146 persons contacted with AIS prevention messages during Landing Blitz weekend (23 hours of effort) in 2017. In 2018, 68 boats were inspected with 114 persons contacted over 40 hours of effort. Including the two efforts more than 400 hours of CBCW were conducted by SWCD LTE staff throughout Door County boat landings. All boater contacts, hours, and locations were updated in the SWIMS database



Photo: 2018 was Door County's year of water, designated by the Door County Community Foundation, and the official mascot was 'Dewy the Raindrop'. Dewy was present for CBCW events at our most used launches.

AIS monitoring protocol/kits

DCIST members compiled and developed an AIS monitoring protocol for Door County in early 2018 along with training on how to utilize the kits. Kits included:

- Aquaview scope
- Double-sided rake
- Polarized sunglasses
- Hand scoop
- Pail with lid
- Hand lenses
- Clipboard with Door County AIS monitoring forms
- Ziploc bags (quart and gallon for specimens)
- Pens, towels, hand sanitizer
- WI AIS Early Detection Handbook
- Aquatic Plants of the Upper Midwest-Third Edition

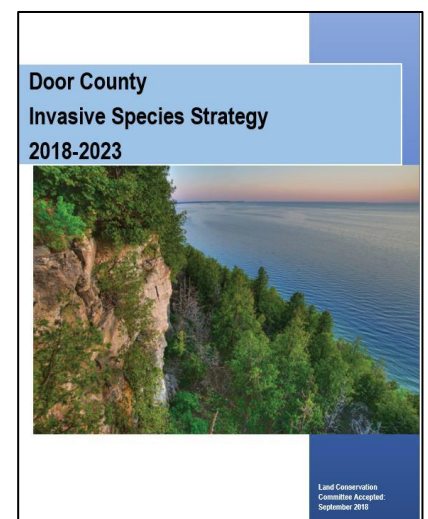
The AIS monitoring protocol (attached) was reviewed and approved by DNR. These kits will be used in 2019 by trained volunteers representing our three inland Lake Associations in the County.



Photo: contents of the monitoring kit (R) Monitoring protocol (L).

Finalize a new County-wide strategic plan for invasive species prevention and control work.

In 2016 DCIST and the Door County SWCD, began the process of developing a new comprehensive, updated invasive species plan for the Door Peninsula and the Door County Invasive Species Team. The first complete draft of the plan was finished in early 2018 and underwent several revisions in preparation for being presented to the Door County Land Conservation Committee (LCC). In September 2018 the completed plan was accepted by the LCC and is guidance as the County's invasive species strategy. The finished plan outlines the future of County and DCIST efforts and has clear desired outcomes for prevention, early detection and monitoring, control and management, and communications. The plan also identifies key partners or entities to carry out each strategy that will help us achieve our objectives. The completed plan is stored with the Door County SWCD and the coordinator have provided it to the public and partners through our DCIST webpage at www.doorinvasives.org.



Advise the public of the County's Early Detection & Rapid Response Plan for aquatic species that may materialize in Door County.

In 2017, the DCIST partners and landowners groups were provided with handouts on early detection species that were identified in Door County including tall manna grass (more commonly referred to by its scientific name, *Glyceria maxima*) and flowering rush. *Glyceria maxima* was identified in southern Door County on a site visit with a property owner. The finding was reported via the Great Lakes Early Detection Network (GLEDN) and to SWCD staff at the time it was identified. Flowering rush was identified near Sturgeon Bay by staff from the Wisconsin DNR. It was removed at the time of the finding. Flowering rush is not listed as prohibited, however it is also a species that had not yet been found in Door County. As such, both *Glyceria maxima* and flowering rush materials were distributed to partner organizations and local lake associations with discussions following about identification and addressing potential infestations (i.e. chain-of-command).

In 2018, two new species were found in Door County one of which is jumping worms and the other is terrestrial. Jumping worms were reported via email by a landowner in Baileys Harbor and confirmed by the UW-Extension. UW-Extension notified the Wisconsin DNR per the WDNR's rapid response framework, which DCIST also follows according to our EDRR plan. Both findings were communicated with partners and then volunteers and landowners. A presentation specifically on the 2017 and 2018 findings of EDRR species in Door County was provided at the October 5, 2018 DCIST Annual Meeting at Crossroads, along with a training on GLEDN reporting and mapping via GPS units.

DCIST continues to incorporate GLEDN reporting into training sessions and outreach events, including a brief training presentation on GLEDN and mapping with GPS units that was given at five DCIST events in 2018. DCIST developed and provides a handout on reporting via the GLEDN app at all events, and there is now a landing spot for this information on our new webpage at <https://doorinvasives.org/report-invasives>. The goal is to have more landowners and citizen reporting invasive species findings through the smartphone app. The potential for early detection species being reported increases with continued training and use as well. DCIST has also better defined our early detection and response planning through the completion of the Door County Invasive Species Strategy that is described further in this report.



Photos: DCIST participation in a starry stonewort field day hosted by Michelle Nault of the WDNR in Sturgeon Bay.

Raising Awareness through Tool Development, Media Outlets, one on one outreach and local municipalities by SWCD staff, and/or the DCIST Coordinator and/or a LTE

Educational efforts continued throughout the County in 2017 and 2018, again focused primarily on Phragmites, with targeted public meetings and attendance at various Town or City meetings. Invitations to DCIST-organized meetings were sent to applicable, priority groups that included community organizations, property owners' associations, lake associations, private landowners, businesses, and municipalities.



Photo: SWCD presentation on how to use a handheld GPS unit, as well as the GLEDN app., for inventorying invasive species.

In several occasions during this contract period, DCIST was invited to speak to other natural resources professionals about the emerging municipality and landowner model to maintain Phragmites efforts into the future

The following educational presentations for public or professionals were conducted in 2017-2018:

March 1, 2017– Wisconsin Wetlands Conference – Presented “Engaging Municipalities and Citizens in the Battle against Phragmites” DCIST gave a 30-minute presentation on the ongoing municipality work to other natural resource professionals during the conference.

May 26, 2017 – Festival of Nature Field Trip - “Slow the Spread: Invasive Species of Ridges, Swales, and Embayment Lakes” The DCIST coordinator led an invasive species focused hike at the Shivering Sands State Natural Area as part of the Door County Festival of Nature. The hike discussed Door County’s wetland invasive species, how to identify and manage them, how they impact our unique ecosystems, and how they move from one location to the next. There were a total of four participants on this field trip.

May 27, 2017 – Festival of Nature Field Trip – “Headwaters of the Mink River”

The DCIST coordinator led this hike in northern Door County and included information about invasive species identification and management of invasive species seen on the hike. Participants also learned a bit about what DCIST does county-wide to protect unique habitats from invasive species. A total of 25 participants attended this field trip.

June 30, 2017 – Training on Phragmites identification/mapping and the use of the Great Lakes Early Detection Network for volunteers in Jacksonport and Sevastopol at the Jacksonport Town Hall. A total of 12 volunteers were in attendance.

July 8, 2017 – Featured speaker at Kangaroo Lake Association annual meeting at Baileys Harbor Town Hall. A good portion of this presentation focused on the status of Eurasian water-milfoil in Kangaroo Lake based on findings from research associated with an update occurring to the Lake’s management plan.

July 11, 2017 – Phragmites public meeting at the Liberty Grove Town Hall; Informational meeting on Phragmites efforts and ordinances, and what landowners can do on their own property. This meeting was offered to those included in a mailing sent out by SWCD. Meeting included 20-minute presentation by the DCIST coordinator. A total of five attendees were present.

July 11-13, 2017 – DCIST informational booth at Farm Technology Days held in Kewaunee County – DCIST had a booth that included information on common invasive plants within Northeast Wisconsin as well as early detection species to watch for. Display included live plant samples, information on local contacts and initiatives. In the program, attendees were invited to bring plant samples for identification. Over the course of the three-day event, DCIST staff and partners directly interacted with 130 landowners predominately from Door or Kewaunee counties. This does not include very brief

interactions and those who stopped by and grabbed information, but did not talk to those staffing the booth.



Photos: DCIST educational booth and landowner interaction at Farm Technology Days in Kewaunee County from July 11-13.

July 13, 2017 – Phragmites public meeting at the Sevastopol Town Hall; Informational meeting on Phragmites efforts and ordinances, and what landowners can do on their own property. This meeting was offered to those included in a mailing sent out by SWCD. Meeting included 20-minute presentation by the DCIST coordinator. A total of three people attended this meeting.

July 20, 2017 – Phragmites public meeting at the Egg Harbor Town Hall; Informational meeting on Phragmites efforts and ordinances, and what landowners can do on their own property. This meeting was offered to those included in a mailing sent out by SWCD. There were no attendees at this meeting.

August 9, 2017 – Phragmites public meeting at Baileys Harbor Town Hall; Informational meeting on Phragmites efforts and ordinances, and what landowners can do on their own property. This meeting was offered to those included in a mailing sent out by SWCD. Meeting included 20-minute presentation by the DCIST coordinator. A total of five attendees were present.

September 1, 2017 – Bayshore Blufflands Buckthorn Blast – This event was organized by the Door County Land Trust as a kickoff to their efforts to manage buckthorn. It included opening remarks from land trust staff, followed by a 35-minute presentation by the DCIST coordinator on the impacts of aquatic invasive species, the identification and management and some information about DCIST. The DCIST coordinator had many informational brochures and factsheets available at this event. Approximately 35 volunteers, members of the Bayshore Property Owners Association, and DCIST partners attended this event.

September 2nd, 2017– Europe Lake Association Annual Meeting featured speaker. Topics covered were predominately aquatic and wetland invasive species identification with plant samples, brochures, field guides and more available to attendees. Early detection species like starry stonewort were also addressed. The 45-minute presentation was well-received by the approximately 30 attendees to the meeting.

October 12, 2017- “Door County: Joining Together to Confront the Invasive Species Challenge” – invasive species forum for landowners held at Crossroads at Big Creek in Sturgeon Bay. Included invasive species related presentations by the DCIST coordinator, UW-Extension, Wisconsin DNR, Ridges Sanctuary, and Door County SWCD. Not including participating partners, 18 landowners and municipal representatives attended the meeting.



Photos: DCIST landowner forum, “Door County: Joining together to Confront the Invasive Species Challenge” held October 12 at Crossroads at Big Creek in Sturgeon Bay.

November 14, 2017- State of Lake Michigan Conference in Green Bay - Presented “Engaging Municipalities and Citizens in the Battle against Phragmites”

The DCIST coordinator gave a 20-minute presentation on the model for continuing Phragmites management and prevention through municipal ordinances. This conference was mainly attended by natural resource professionals.

April 28, 2018 – Invasive Species Day with the Town of Gibraltar A local private landowner hosted this workshop on their property near Fish Creek. The workshop included an overview of aquatic invasive species in Door County and a tutorial on how to map and report invasive species on smartphones using the GLEDN app. The workshop was from 10:00am-1:00pm and a total of **15 people attended**.

May 25, 2018 – Festival of Nature Field Trips The coordinator led both a morning and afternoon field trips to Baileys Harbor Boreal Forest and Wetlands and the eastern Mink River respectively. On both field trips invasive species and County efforts were addressed and discussed. Combined the two field trips had **40 people in attendance** with each trip being 2.5-hours in length.

May 21, 2018 – Training on Phragmites identification/mapping and the use of the Great Lakes Early Detection Network for volunteers in Sevastopol at the Sevastopol Town Hall. A total of 12 volunteers were in attendance

May 31, 2018 – Ramsar Wetlands and Invasive Species educational presentation this 1.25-hour presentation gave attendees an overview of what it means to be a Ramsar wetland, how the Door Peninsula Coastal Wetlands earned their designation, and what adjacent landowners can do to help in the battle against invasive species within these wetlands. A total of **14 people attended** this presentation.

June 1, 2018 – Clean Boats, Clean Waters Training hosted by DCIST at The Ridges Sanctuary This 2.5-hour training included information on local aquatic invasive species, how to conduct boat inspections, and what is expected of those volunteering to do Clean Boats, Clean Waters activities. A total of **10 participants** attended the training.

June 5, 2018 – Invasive Species Training Event for Seasonal Staff DCIST co-hosted a three-hour educational workshop for seasonal staff and interns working for conservation organizations on the Peninsula. The workshop covered common species identification and management and county ecology. A total of **37 partners and their seasonal staff were in attendance**.

June 6, 2018 – Training on Phragmites identification/mapping and the use of the Great Lakes Early Detection Network for volunteers in Liberty Grove at the Liberty Grove Town Hall. A total of 8 volunteers were in attendance

June 13, 2018 – Training on Phragmites identification/mapping and the use of the Great Lakes Early Detection Network for volunteers in Union at the Union Town Hall. A total of 5 volunteers were in attendance.

June 19, 2018 – Training on Phragmites identification/mapping and the use of the Great Lakes Early Detection Network for volunteers in Forestville at the Forestville Town Hall. A total of 11 volunteers were in attendance

June 22, 2018 – Buckthorn Blast Kick-off with the Door County Land Trust at the Bay Shore Blufflands As part of this event, the DCIST coordinated provided a 30-minute presentation on the identification and management of the riparian species. **Approximately 30 people attended this event**



Photos: DCIST participation at the kick-off event for the Bay Shore Blufflands Buckthorn Blast hosted by the Door County Land Trust.

June 22, 2018 – Phragmites Mapping Training at the Jacksonport Town Hall This 1-hour training gave volunteers a tutorial on using handheld GPS units and smartphone apps for reporting and mapping invasive Phragmites within Door County. A total of **7 people participated**.

June 29, 2018 – Fish Creek Park Inventory & Training with Volunteers Three volunteers from the Town of Gibraltar joined the DCIST coordinator in an inventory riparian and aquatic species within Fish Creek Park. During this two-hour inventory, volunteers were trained in the use of smartphone and handheld GPS units for mapping and reporting invasive plants.

July 7, 2018 – Kangaroo Lake Association Annual Meeting DCIST coordinator participated in the KLA annual meeting including having educational information available and talking with Association members about lake monitoring by volunteers using a kit designed and assembled by DCIST partners. The featured speaker also covered information on Eurasian water-milfoil within the lake and other aquatic invasive species. There was a total of **50 attendees** at this meeting.

July 9, 2018 – Phragmites Educational Meeting at the Forestville Town Hall This 1-hour meeting gave landowners and Town board members and overview of the invasive plants Phragmites. It also included a training on how to use handheld GPS units and smartphones to report and map invasive species. There was a total of **8 attendees**.

July 12, 2018 – Training on Phragmites identification/mapping and the use of the Great Lakes Early Detection Network for volunteers in Clay Banks at the Clay Banks Town Hall. A total of 5 volunteers were in attendance

July 14, 2018 – Educational Hike at Baileys Harbor Boreal Forest & Wetlands hosted by The Nature Conservancy. This educational hike featured information about this State Natural Area, the Ramsar wetland designation, and invasive species that threaten these important coastal habitats. There was a total of **25 participants** at the hike which lasted 2.5 hours.

August 8, 2018 – Training on Phragmites identification/mapping and the use of the Great Lakes Early Detection Network for volunteers in Sturgeon Bay at the Sturgeon Bay Town Hall. A total of 14 volunteers were in attendance.

August 14, 2018 – Training of Clark Lake volunteers in use of Lake Monitoring kit provided by DCIST. Two volunteers were trained (approximately 1-hour training). It is likely that monitoring will begin in 2019 based on the volunteer availability this year.

August 16, 2018 – Fish Creek Park Wading Inventory with Volunteers Three volunteers from the Town of Gibraltar joined the DCIST coordinator in an inventory of aquatic invasive species within and along Fish Creek with Fish Creek Park. Mainly reed canary grass was identified, and the coordinator has worked with the Town of Gibraltar Parks and Lands Committee to discuss options for removal in the future.

August 17, 2018 – Gathering Ground Lecture on Washington Island the DCIST coordinator, with SWCD staff and UW-Extension, gave a brief lecture to a group of **25 participants** that are part of the Gathering Ground group on Washington Island. Topics included both riparian and aquatic invasive species and the role of DCIST in coordination and management in the County.

August 18, 2018- Washington Island Fair

DCIST had a booth that included information on common invasive plants within Northeast Wisconsin as well as early detection species to watch for. Display included information on local contacts and initiatives, and invasive plant identification and prevention. DCIST interacted with 62 attendees. This does not include very brief interactions and those who stopped by and grabbed information, but did not talk to those staffing the booth.



Photo: SWCD, and SWCD LTE staff, partnered with the UW Extension to share a booth at the Washington Island Fair.

August 25, 2018 – Half-mile Bridge Condominium Association Annual Meeting As part of the annual meeting, the DCIST coordinator hosted an Invasive species identification workshop and walk-through at the condominiums. **14 members.**

September 19, 2018 – Washington Island Invasive Species Presentation This 1-hour meeting gave attendees an overview of the invasive plants common to the island including proper management actions and prevention techniques. It also included a training on how to use handheld GPS units and smartphones to report and map invasive species. There was a total of **10 attendees.**

October 5, 2018 – DCIST Annual Meeting at Crossroads in Sturgeon Bay the DCIST annual featured Jennifer Redell with the Wisconsin DNR giving an update on White-nose syndrome in Wisconsin. It also featured four lightning presentations on new invasive species finds, the municipal cost-share program, GPS/GLEDN mapping, and the Baileys Harbor Phragmites project. There were **24 attendees** for this three-hour event.

October 16, 2018- Presentation at the Upper Midwest Invasive Species Conference “The Value of Including Municipalities in Your Invasive Species Discussion” DCIST gave a 30-minute presentation on the ongoing municipality work regarding Phragmites ordinance and cost-share program to other natural resource professionals during the conference.

2017-2018 Landowner one-on-one engagement - The DCIST coordinator conducted 40 site visits with landowners during the months of June-September with a total of 45 individuals participating in these visits. Additionally SWCD LTE's conducted 103 landowner visits to aid in the identification of *Phragmites australis* and provide one-on-one training sessions for the use of the Great Lakes Early Detection Network. In total, the area covered by these site visits was nearly 2,000-acres of land in Door County and included 6,103 feet of Door County shoreline.

During the public meetings, landowner visits, events, and workdays described in this report the coordinator made available brochures and informational factsheets. At a minimum, the coordinator provided the Door County Invasive Species brochure that describes what invasive plants are, why property owners should care, information on the equipment loan program, and who/what DCIST is, the as well as the "Keep a Lookout for Invasive Plants in Door County" brochure that pictures our top 15 invaders.

DCIST website and social media.

DCIST newsletters and other pertinent updates were posted to the new DCIST webpage by SWCD staff. The website includes an interactive calendar of events and a reporting page through which five reports have been submitted since the launching of the webpage in month year. The website has recently been updated with the DCIST strategic plan, Volunteer of the Year Awardee, and newsletters. The webpage can be viewed at www.doorinvasives.org. Response from DCIST volunteers and landowners has been positive regarding the "look" and content of our new webpage.

In 2017, with the approval of staff from the Door County SWCD, the coordinator launched the DCIST Facebook page at www.facebook.com/dcist and generated a code of conduct for the page (visible under the notes section of the page). The coordinator worked to update the Facebook page periodically with invasive species articles, links, and pictures relevant to Door County. Engagement through Facebook continued in 2018. The page currently has 115 likes and 116 followers.

The DCIST newsletter was sent out four times in 2017 (January, May, July, and September) and five times in 2018 (January, March, May, August, October) to keep the 700+ local and regional people on our mailing list informed not only about our volunteer opportunities, but also about local events and actions, statewide invasive species happenings, and relevant activities at a regional scale with the goal of generating further interest in the natural environment and invasive species management. Electronic copies of each of these newsletters have been provided to the Soil and Water Conservation Department. The DCIST coordinator and TNC staff also generated several factsheets to provide to private landowners, community organizations and other stakeholders about what?

Additional activities:

While the Soil and Water Department coordinated much of the county-wide efforts and planning for *Phragmites australis* (e.g. sending out letters offering one-on-one identification guidance and reporting guidance), the efforts were supported through public education, landowner follow-up, and mapping efforts. When applicable, these activities, as well as the public meetings previously described, were used as opportunities to distribute information on identification, monitoring, for aquatic invasive species relevant to Door County.

- April 20-21, 2017 – Spring AIS Coordinators & CISMA meetings at Mead State Wildlife Area

- May 11, 2017 (and ongoing) – Participation in stakeholders meeting for the Fish Creek Restoration Plan as a representative of DCIST. Provided input into what DCIST could provide when it comes to trainings and identification of invasive species in Fish Creek.
- May 31, 2017 – Invasive species training for seasonal staff throughout Door County that included presentation by Mark Renz. Total in attendance was 10.
- June 22, 2017 – Participation in starry stonewort workshop held by the Wisconsin DNR in Door County. Goal of the workshop was to educate WDNR and regional staff (e.g. USFWS) who may be working on Lake Michigan or other large lakes to identify starry stonewort. The workshop also discussed the WDNR’s approach to inventorying and monitoring for this species.
- September 9, 2017 – Clark Lake Phragmites volunteer outreach with the Clark Lake Advancement Association.
- November 1-2, 2017 – Participation in Fall AIS Coordinators Meeting at the University of Wisconsin – Steven’s Point.
- November 14, 2017 – “Invasive species in Northeast Wisconsin” - presentation at a Kiwanis Club meeting.
- April 6-7, 2018 – Participated in Spring AIS Coordinator & CISMA Meeting in Eau Claire, WI
- May 16, 2018 – Ice Age Trail/Ahnapee Trail Phragmites inventory
- July 17, 2018 – Ice Age Trail/Ahnapee Trail Phragmites inventory
- July 24, 2018 – Clay Banks Phragmites inventory with SWCD staff
- August 10, 2018 – Sugar Creek invasive species and erosion inventory
- August 23, 2018 – Japanese knotweed identification workshop on County E in Baileys Harbor
- August 24, 2018 – Clark Lake Phragmites identification and proper management to volunteers of Clark Lake Association



Photos: Clark Lake Association volunteer assessing Phragmites on a private property near the lake in September 2018 (left) and Phragmites rhizome growing out of deep water in Lake Michigan off of Detroit Island photographed in August 2018 (right).

- September 8, 2018 – Clark Lake Phragmites-Fest with CLAA volunteers
- October 11, 2018 – Presentation at Stone Harbor for the Wisconsin Land Information Association annual conference. Presentation was on using spatial data to prioritize and implement invasive species efforts
- October 15-18, 2018 – Attendance at the Upper Midwest Invasive Species Conference in Rochester, MN
- October 23, 2018 – Autumn olive identification workshop with TNC staff and volunteers in Ellison Bay



Photos: August 7, 2018 (L) DCIST Volunteer being interviewed by WBAY for the GPS unit loan program and use of GLEDN App for Phragmites inventory. (C) WBAY Drone on landing pad. (R) WBAY drone recording Phragmites patch.

<https://www.wbay.com/content/news/Door-County-using-technology-to-track-down-invasive-weeds-490293941.html>