



4-COUNTY Cooperative Weed Management Area

4-County CWMA Mapping & Data Committee Meeting

Wednesday, July 14th, 2021, 8:30am-9:50am

Teleconference

Attendees: Tyler Pedersen (TSWCD), Jeffrey Lee (BES), Laura Guderyahn (PPRD), Michelle Delepine (WMSWCD), Courtney Gattuso (CSWCD), Lindsey Wise (PSU)

8:30 Convene/Welcome/Introductions

8:35 Standardized data collection template progress update/discussion Tyler Pedersen, All

- Tyler has been entering domains and codes into the survey and control geodatabases on ArcPro. There's an issue with not being able to edit the order of the domains and they are arranged alphabetically.
 - AGOL may be a better way to reorganize the domains and codes with the drag and drop feature.
- Species list for dropdown: just ODA and WSDA lists (137 species on ODA list and 150 species on WSDA list)? Or the whole CWMA list (500+ species)?
 - No comment from the group at this time, but we should reach a consensus before the Technical Committee updates the list next year
- Should treatment effectiveness data be included? Or only treatment data?
 - TSWCD collects data on treatment effectiveness. iMapInvasives has some fields describing treatment effectiveness and Lindsey will share those dropdown fields.
- How is the transition to Field Maps going?
 - CSWCD has transitioned to Field Maps from Fulcrum, and their contractors are up and running. There are a few bugs/drawbacks with the app (e.g., randomly closing, requiring you to log in again, limited cell phone service makes it tough to log back in, fast battery drain), but there are workarounds (e.g., downloading offline maps prior to heading out to field site, using airplane mode, using GNSS/GPS receivers) and overall it's been working really well.
 - TSWCD will be transitioning to Field Maps from Collector next year.
- **NEXT STEPS:**
 - Tyler will continue working on the template domains and feature classes; it would be useful to see how it integrates into other platforms and whether domains can be reordered from there; Jeffrey will continue learning to use ArcGIS Pro from online tutorials and help develop/troubleshoot.
 - The group is interested in the possibility of recruiting a PCC GIS student to help with template development. Tyler will look into it.

- WIN has purchased a one-year subscription of AGOL for the CWMA. We don't have the login credentials yet, but Courtney will share that once she gets it.
- Tyler and Jeffrey received AGOL usernames from 7 individuals for access to the CWMA Priority Weed Coordination map, from which they will be able to contribute and share data on with partnering organizations.
 - Access to the map requires the user to have an AGOL organizational account as well as completed and signed user agreement form(s). Instructions for obtaining access are found on the [Priority Weed Coordination webpage](#).
 - USFS-MHNF and PSU have both signed and submitted their data agreement forms.
- **NEXT STEPS:**
 - Tyler and Jeffrey will send out another data sharing contest reminder next week; observations reported via AGOL will directly serve as contest entries.

- We have received 6 reports of oblong spurge since our last meeting.
 - 4 in Multnomah County, 1 in Washington County, and 1 in Clackamas County.
- 1 report of hoary cress (*Lepidium draba*) at Leach Botanical Garden. Best to ID with seedpods. This observation is unconfirmed.
 - Look-alikes:
 - Hairy whitetop (*L. appelianum*): *L. draba* has a heart-shaped, broad, flat seedpod, while *L. appelianum* has a small, purplish, globe-shaped pod
 - Other hoary cresses: *L. sativum*, *L. latifolium*, *L. spinescens*, *L. spinosum* and *L. aucheri* have a racemose inflorescence, simple or paniculate. *L. draba* and *L. appelianum* have corymbose, flowering racemes.
- 1 report of small balsam (*Impatiens parviflora*).
- 1 report of Japanese hedge parsley (*Torilis japonica*) made by Jeffrey. Jeffrey noted that this report may indeed be *T. arvensis* since it has a compound umbel with 2 bracts (he counted the umbellet bractlets by accident).
 - *T. japonica*: Base of compound umbel with 5-6 bracts; dried fruit with strong forward-curved bristles with hooked tips
 - *T. arvensis*: Base of compound umbel with 0-3 bracts; dried fruit with ~straight to slightly forward-curved bristles without hooked tips # bracts for sp. ID varies across references...
- Trying to get more participation from folks during the 2021 data sharing contest
 - New prizes! Awarding for the top 3 in priority weeds and call for data categories. Prizes are as follows for Call-for-data weeds: (1) Flora of Oregon Volume 1, (2) iNaturalist hat, and (3) 3-in-1 phone camera lens kit. Prizes are as follows for Priority weeds: (1) custom caricature by Jon Wagner (EMSWCD), (2) "Botany in a Day" plant guide book, and (3) two PlayCleanGo handheld boot brushes.
 - Participants can share observations using one of the three methods:
 - Email your geodatabase to Tyler at tyler.pedersen@tualatinswcd.org.
 - Use Google Form to copy and paste URLs of your weed reports from your preferred online platform [Data Sharing Contest Entry 2021 – 4-County Cooperative Weed Management Area \(4countycwma.org\)](#).

- Submit reports (priority species) to the CWMAs AGOL Priority Map layer (must share AGOL organizational username first).
- **NEXT STEPS:**
 - Courtney will purchase the prizes for the committee when Jeffrey or Tyler emails her weblinks to order. She also has lots of PlayCleanGo gear that she can donate for future committee prizes as well.
 - Jeffrey will ask Dom Maze for species ID confirmation for the *L. draba* observation.

9:45 Upcoming free mapping and data live webinars + recordings

Jeffrey Lee

- ESRI User Conference (July 12-15)
 - Info & Registration: <https://www.esri.com/en-us/about/events/uc/overview>
 - <https://community.esri.com/t5/user-conference-documents/environment-and-natural-resources-sessions-and-activities-uc21/ta-p/1065372>
- iMapInvasives User Feedback Survey
 - <https://forms.zohopublic.com/shelleycooke/form/iMapInvasivesUsabilitySurvey/formperma/gmy6NwLYdU2RguwLxHD7MfgK8XCIPleLrwyfgqjNfA>
 - There is a time out feature on the survey to be aware of if doing it on your phone.
 - In the future, Jeffrey and Tyler can help spread the word and email iMap surveys to the Committee and CWMA listserv
- Recordings:
 - Diving into the latest GIS Capabilities for Environment & Natural Resources
 - <https://youtu.be/E0dWxyglP5Y>
 - Monitoring Critical Resources and Facilities with GIS for Natural Resources Agencies
 - https://youtu.be/Y1f6jg2V_UQ
 - Using ArcGIS to Improve Critical Fish and Wildlife Workflows
 - <https://youtu.be/uYYDh9-MUIo>
- ArcGIS StoryMap of Noxious Weeds in Washington Co.
 - Tyler shared the StoryMap project that two PCC GIS students created for TSWCD.
 - Included maps of the historic flood trajectories (to identify areas where flooding may impact weed seed movement and dispersal), EDRR identification and look-alikes, and distribution data (using kernel density) between treatment years.

9:50 End – Thank you for participating!

Next Mapping & Data Committee Meeting

September 8th, 2021; 8:30-9:50am (Remote teleconference meeting)