



4-COUNTY Cooperative Weed Management Area

4-County CWMA Mapping & Data Committee Meeting (Teleconference)

Wednesday, February 10th, 2021 8:30am-9:50am

Attendees: Troy Abercrombie (WIN), Justin Cooley (CSWCD), Courtney Gattuso (CSWCD), Laura Guderyahn (PPRD), Jeffrey Lee (M&D Vice-Chair), Lucas Nipp (EMSWCD), Tyler Pedersen (M&D Chair/TSWCD), Lindsey Wise (PSU)

8:30 Convene/Welcome/Introductions **All**

8:35 Review [2021 Committee Work Plan](#) changes and finalize/approve **Tyler Pedersen, All**

- Tyler highlighted M&D Committee's major projects from 2020.
- Tyler pulled up the updated 2021 Work Plan document and outlined the general activities and brought up the major changes (e.g., developing the data collection template, submitting poster abstract to UERC 2022, and sharing region-wide stories via ESRI StoryMaps).
- Meeting attendees were glad to see the outreach objectives.
 - They suggested seeking partnering organizations' outreach staff to reach wider networks, increase participation, and improve work capacity.

8:50 Review updates to [Standardized Data Fields spreadsheet](#) and new comments **Jeffrey Lee**

- Jeffrey gave an update on the data standardization spreadsheet and project progress.
 - Showed recent changes, including splitting the data fields list into survey group and control group.
 - Shared next steps for the project (e.g., fill in remaining blank cells, update standards document, and start developing template).
 - Anticipated template to roll out in Nov./Dec. 2021; we will use ODA WeedMapper's survey template and iMapInvasives' control template as a starting point.
- Justin suggested including fields (or a footnote) for additional weather data required for other types of applications.
- Lindsey shared that CWMA data is not being uploaded to GBIF; even though it is a good data aggregator and analysis platform, its standards do not capture the amount of detail we desire.

9:05 Demo Priority Map ArcGIS Online/ArcGIS Collector form **Tyler Pedersen, Troy Abercrombie**

- Tyler and Troy showed the realtime integrative and collaborative nature of the online and mobile platforms; this will cut steps in the submitting, formatting, and uploading processes and allow for easier tracking of site treatments over time.
 - Troy created a data point on ArcGIS Collector (using the ODA WeedMapper template), after which Tyler showed how the data point was immediately displayed on the ArcGIS Online CWMA Priority Map.

- Shared that data fields can be added to the template; in the future, we want to add dropdowns and other features to improve data collection use.
- Acknowledged some challenges with giving editing permissions to those with ArcGIS public accounts.
- Troy mentioned that many organizations may see ArcGIS pricing as a barrier. However, in his experience, the subscription costs have been minimal for non-profits and were often covered by Oregon State Weed Board grant funding.
- Troy suggested that we gather information about our partners' ArcGIS account types and names.
- Tyler shared that ESRI will no longer support ArcGIS Collector and will be phasing it out in favor of ArcGIS Field Maps by December 2021.
 - ArcGIS Collector will not be phased out completely until 2023, so partners will still have time to migrate all their data/map layers to Field Maps.
 - ArcGIS Field Maps brings a familiar user experience so the onboarding process should be quick, requiring no licensing changes.
 - ArcGIS Field Maps will also include a smart forms feature to improve form data entry and field deployments. The smart forms are built upon existing, published web feature layers and the form you create is stored in your map rather than as a separate item (vs. form-centric solutions like Survey123).
 - For more information, see the ["Migrate to ArcGIS Field Maps" blog post](#) and [ArcGIS Field Maps Migration Guide](#).
 - Lucas shared that East Multnomah SWCD has started the transition and pointed out Field Maps' useful markup mode (for sketching lines and areas) and location tracking capability (requires purchasing and assigning an add-on ArcGIS Tracker license to each ArcGIS account).
 - Clackamas SWCD will also start using ArcGIS Field Maps this field season and will be holding a training for contractors in March 2021.
 - Troy suggested that the committee collect their "tricks of the trade" for their experiences in migrating over to ArcGIS Field Maps; perhaps host a meeting/workshop.

9:30 Discuss 2021 Call-for-Data species and Data Sharing Contest update

Jeffrey Lee

- Jeffrey showed updated 2020 Call-for-Data species distribution maps (accessible from the webpage; mapped by [weed occurrence year](#) and [data submission year](#)).
- Shared updated [2021 Call-for-Data flyer](#) and species list: Small-flowered jewelweed (*Impatiens parviflora*), Balfour's balsam (*Impatiens balfourii*), Japanese hedgeparsley (*Torilis japonica*), and Puncturevine (*Tribulus terrestris*).
 - Oblong spurge (*Euphorbia oblongata*) was removed (already listed Class A for ODA, WSDA, and CWMA; also on CWMA's Priority Weeds List).
 - Small-flowered jewelweed was added for 2021; it is quickly spreading along Johnson Creek and has been an exceptionally problematic weed in European countries.
 - Troy asked about the status of evergreen bugloss (*Pentaglottis sempervirens*); this was a Call-for-Data species in 2016; since it continues to spread, this is a species to keep an eye on.
- Introduced plans to develop a relatively quick assessment-based method for selecting and evaluating Call-for-Data species (i.e., incorporate literature/research, field observations, weed data analyses, and professional judgement).

- Justin recommended looking at risk assessments used in Oregon and Washington, to ensure consistency of our work with their review processes.
- Gave an update on plans for the 2021 Data Sharing Contest (e.g., contest rules will be similar as in 2020, we will develop outreach cards, and we are currently brainstorming prize ideas).
 - Troy suggested an Alexa

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

- See last page for list of M&D learning opportunities.

9:50 Adjourn – Thank you for participating! **All**

Next Mapping & Data Committee Meeting

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

Remote teleconference meeting

Upcoming FREE Mapping & Data Learning Opportunities

LIVE WEBINARS – Mark your calendars!

- iMapInvasives' "Live Q&A Panel: Have Your Questions Answered About iMapInvasives"
 - **Date:** Thursday, February 18, 2021 (10:00am-11:15am PST)
 - **Info & Registration:** <https://www.inaturalist.org/projects/oregon-imapinvasives/journal/45742-feb-18th-imapinvasives-webinar-q-a-invitation>
- Columbia Gorge CWMA's "2021 Invasive Species & Exotic Pest Workshop"
 - **Date:** Thursday, February 25, 2021 (10:00am-3:15pm PST)
 - **Info & Registration:** <https://columbiagorgecwma.org/2021-isepworkshop/> (ODA and WSDA CE credits pending)

RECORDED WEBINARS

- Esri's **MOOC (Massive Open Online Course) Program** (certificate awarded upon completion):
 - "[Cartography](#)" (6 Weeks, February 3-March 17, 2021) — Online registration **closes February 14, 2021**; Esri provides free access to ArcGIS Pro and ArcGIS Online for use during the course
 - "[Do-It-Yourself Geo Apps](#)" (4 Weeks, March 31-April 28, 2021) — Online registration **closes April 7, 2021**; Esri provides free access to ArcGIS Online, ArcGIS Dashboards, ArcGIS Experience Builder, ArcGIS StoryMaps, ArcGIS Survey123, ArcGIS AppStudio Desktop Edition, and ArcGIS AppStudio Player for use during the course
 - "[The Location Advantage](#)" (6 Weeks, April 14-May 26, 2021) — Online registration **closes April 28, 2021**; Esri provides free access to ArcGIS Online and ArcGIS Business Analyst Web App software during the course
 - "[Going Places with Spatial Analysis](#)" (6 Weeks) — Currently no upcoming sessions, **but waitlist available**; Esri provides free access to ArcGIS Online for use during the course
 - "[Spatial Data Science: The New Frontier in Analytics](#)" (6 Weeks) — Currently no upcoming sessions, **but waitlist available**; Esri provides free access to ArcGIS Pro, ArcGIS Online, ArcGIS Notebooks, ArcGIS Spatial Analyst, and ArcGIS Image Analyst software during the course
- NatureServe's "Biodiversity Without Boundaries" webinar series (recorded):
 - **All recordings:** <https://www.natureserve.org/connect/events/virtual-bwb>
 - **Recommendations:**
 - "[Introducing iMapInvasives: A robust agency solution for managing invasive species including presence and not-detected data, treatments, and infestation management](#)" (password: 6y?S+D36)
 - "[Advances in habitat suitability modeling and range-mapping to support conservation decisions](#)" (password: 5M^*68\$5)
 - "[Lightning Updates from Around the Network: Invasive species treatment prioritization model](#)" (video section 00:17:00-00:30:00) (password: 7y=gO63H)
 - "[Data Needs for Decision-makers](#)" (password: 1Q?#*?3N)