

# Drought monitoring partnerships project



First Nations  
Fisheries Council  
of British Columbia

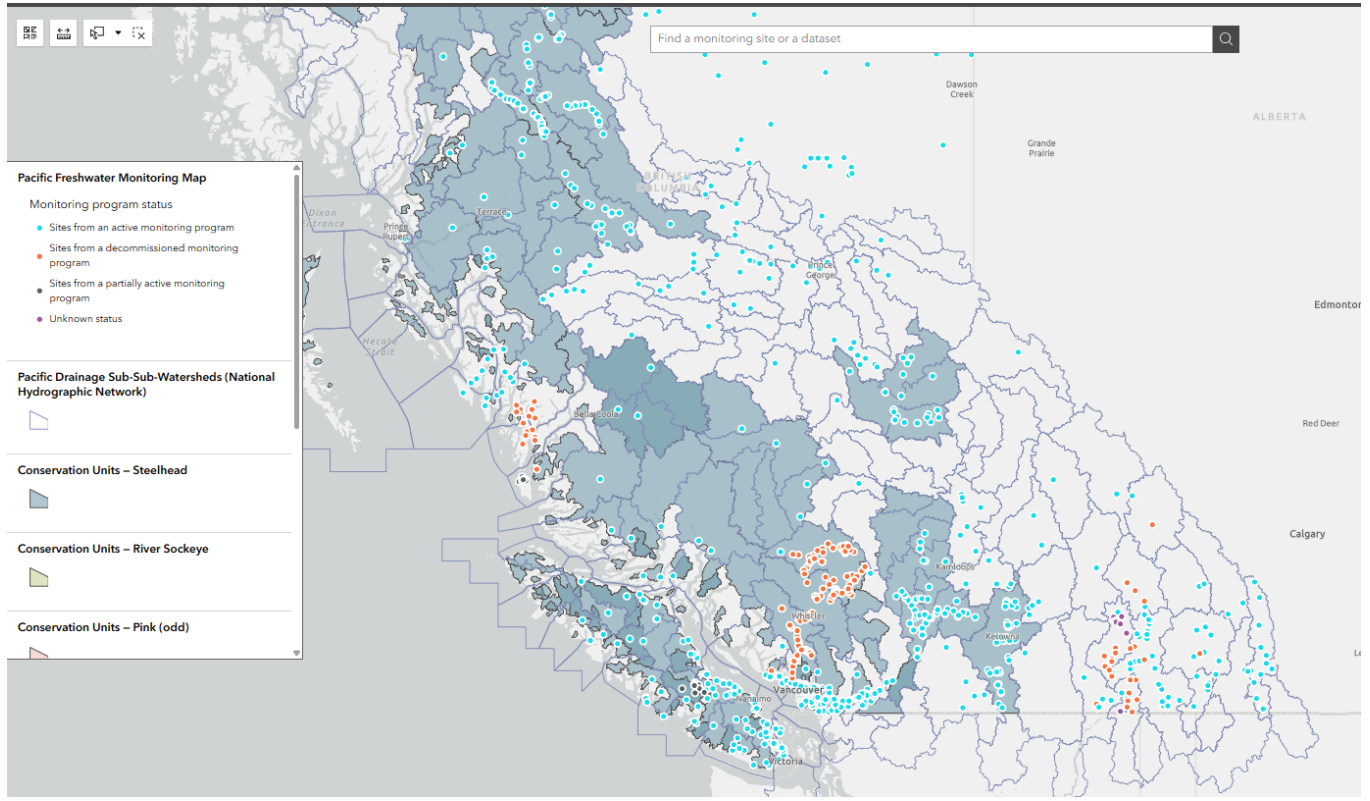
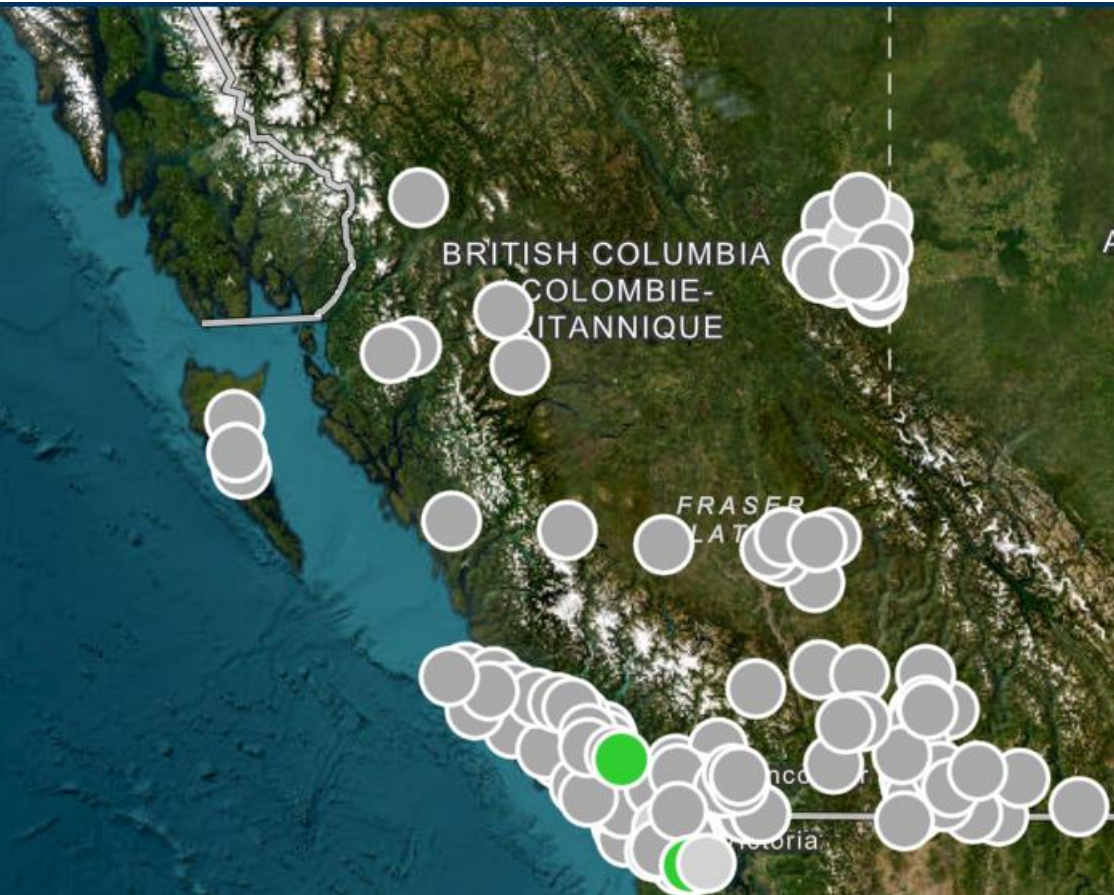


Fisheries and Oceans  
Canada

Pêches et Océans  
Canada



# Connecting monitoring efforts

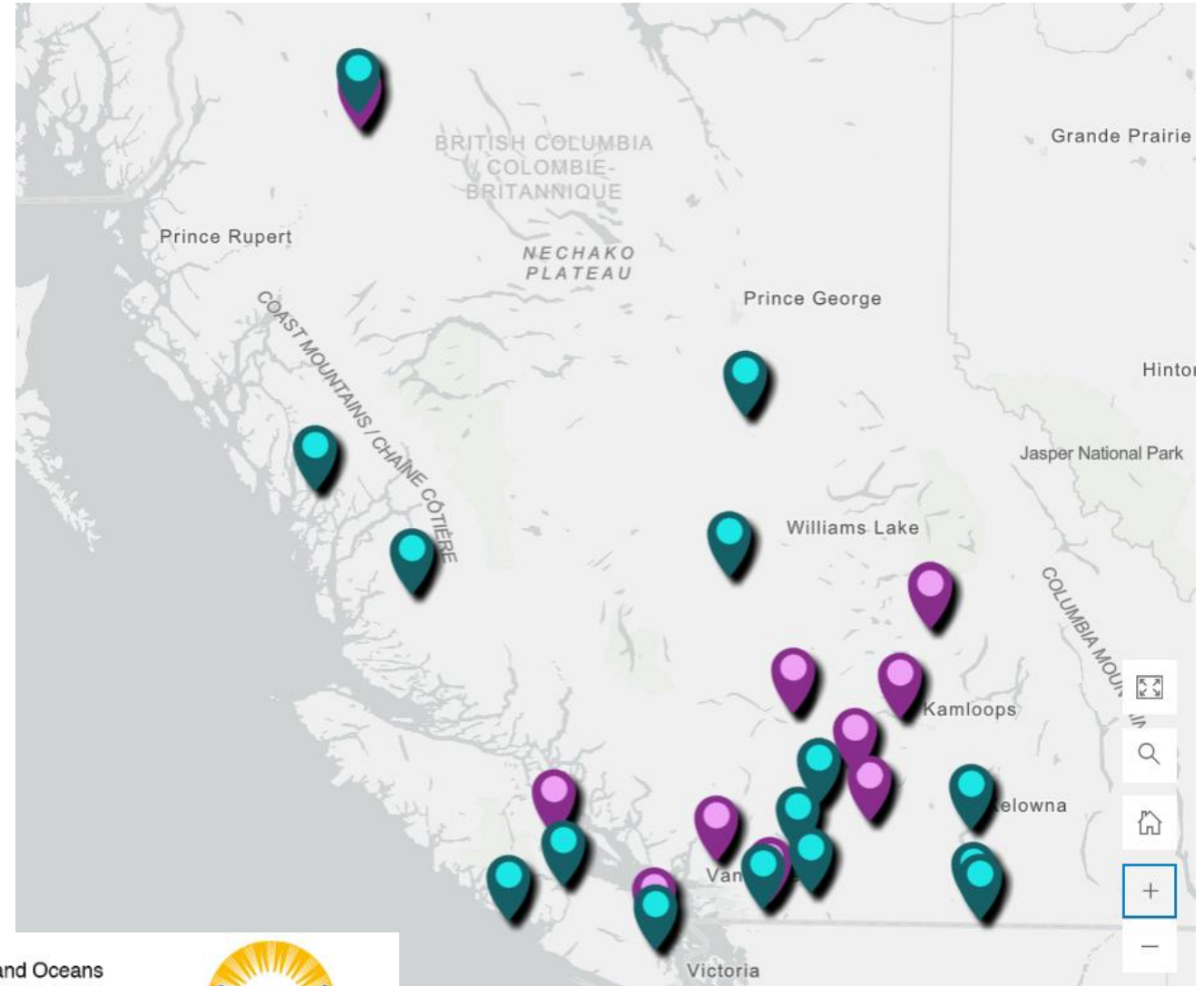


# Connecting mitigation efforts

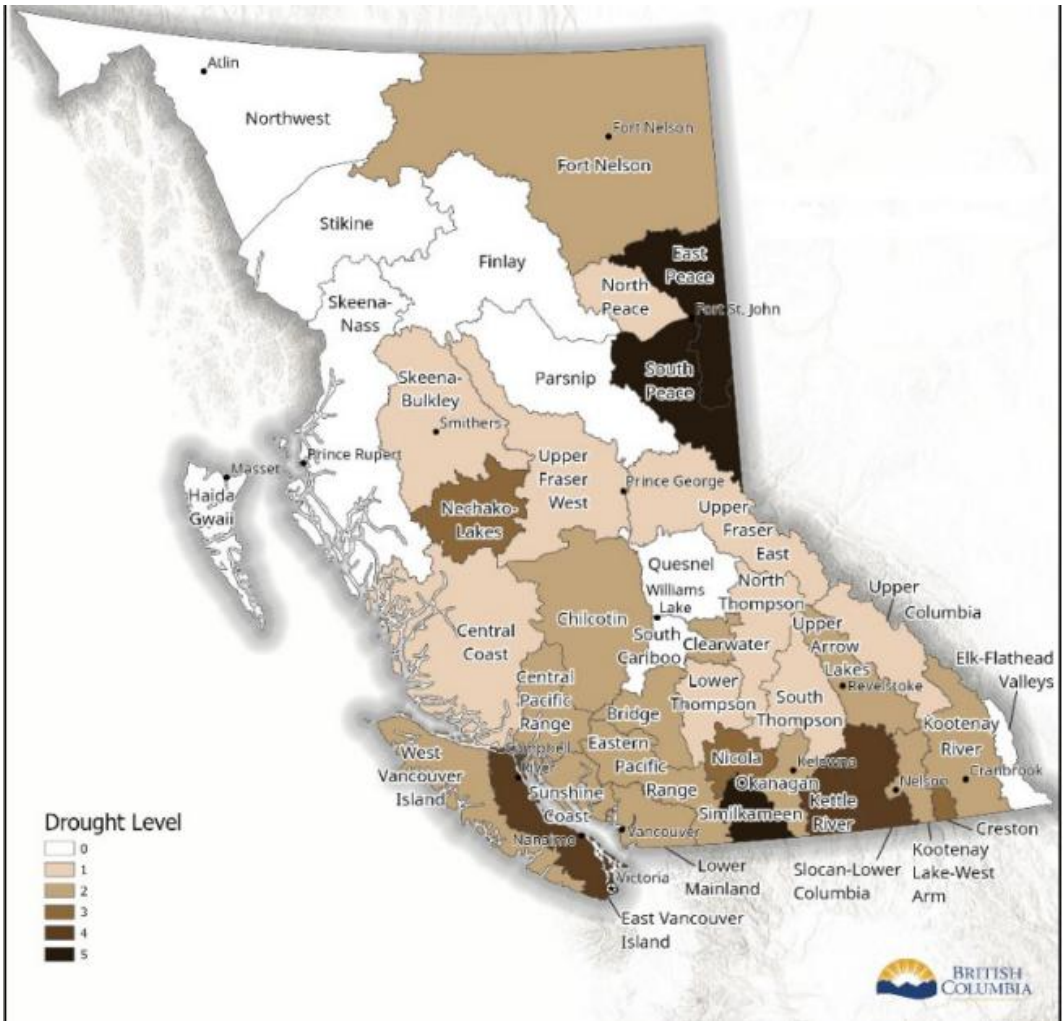
## Salmon Emergency Action Support

- Drought emergency project funding
- Exploring innovative solutions to drought
- Addressing “all-hazards” – proactive mitigations
- Expanding the use of process-based interventions (BDAs, ELJs) for habitat restoration
- Access to advice, funding navigation, permitting support

<https://psf.ca/work/climate/emergency-response/>



# Provincial drought management

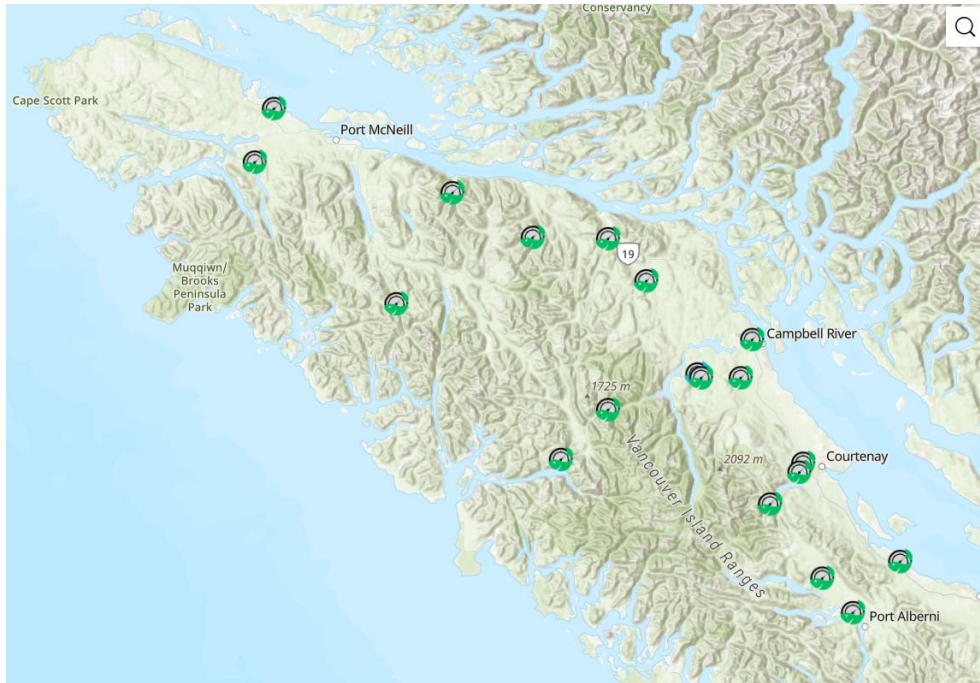


## Drought levels

Describe	Do not describe
Meteorological/hydrological dryness	Ecosystem, social or economic impacts
Relative frequency (rarity) of dryness	Whether specific response actions should be taken
Current conditions on the assessment date	Outlooks or forecasts
Broad conditions and trends at the drought basin scale	Localized conditions on small tributaries or specific systems

**Goal for monitoring: Assess and manage water scarcity risks and impacts on aquatic ecosystems**

# Monitoring risks to aquatic ecosystems



# Mitigating impacts to aquatic ecosystems

## Drought response actions

- Emergency responses such as flow releases on regulated systems, flow and groundwater reconnection for isolated pools, beaver dam management
- Regulatory responses such as curtailing licensed water use, angling closures related to temperatures,
- Outreach to licensed water users to maximize conservation efforts, compliance and enforcement of unauthorized water users



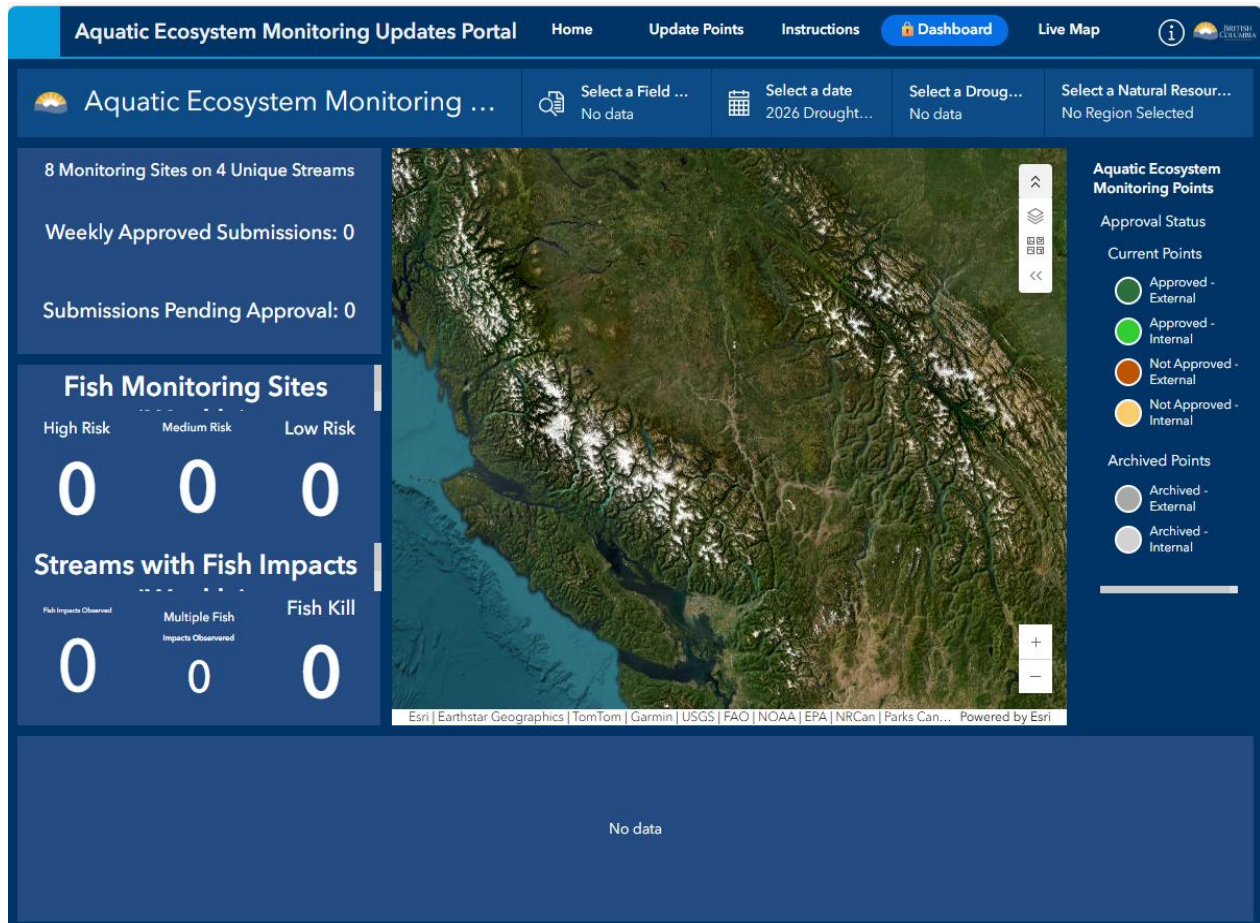
# How can you help?



Participation is intentionally flexible to build on what partners already do. Depending on capacity and interest, contributions could include:

- Visual or measured observations of fish and aquatic habitat
- Stream flow connectivity and signs of water scarcity (e.g., dry reaches, isolated pools)
- Water temperature and basic water chemistry (where available)
- Observations of stranded or stressed fish, migration barriers, and available refuge habitat

# How can we help?



- We'll provide clear protocols, technical guidance, and access to a simple Survey123 reporting tool to support consistent data sharing.
- Training sessions and technical support in contributing data.
- A shared hosting portal where data can be viewed and exported.
- Access to resources, contacts and project support through the SEAS table.

# Coming up soon

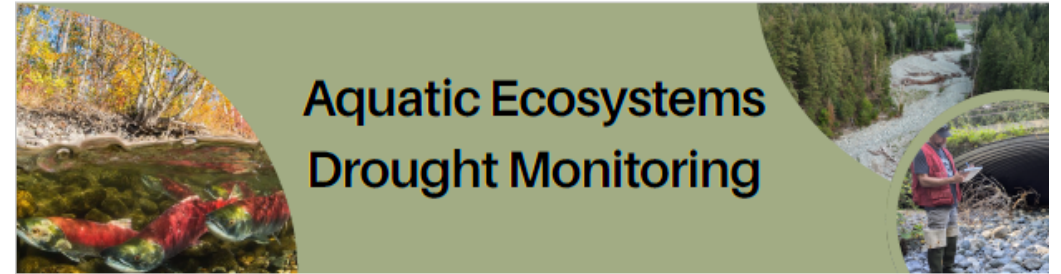
## WLRS information sessions early June

### Webinars:

- Tuesday, June 2 @ 2:00-3:00pm
- Monday, June 8 @ 2:00-3:00pm

### Contact us:

[Recovery.restoration@gov.bc.ca](mailto:Recovery.restoration@gov.bc.ca)



## Aquatic Ecosystems Drought Monitoring

Across British Columbia, many groups collect invaluable information on stream conditions, fish presence, and watershed health during low-flow periods. A new project aims to **amplify and connect that fantastic work**, to expand our understanding of how and where drought is affecting aquatic ecosystems — especially salmon habitat — across the province.

The project is led by Pacific Salmon Foundation, First Nations Fisheries Council, the Ministry of Water, Land and Resource Stewardship, and Fisheries and Oceans Canada, building on partnerships established through the [Salmon Emergency Action Support Table \(SEAS\)](#). This group continues to fund emergency mitigation projects and efforts to build watershed resilience to climate hazards.

### Why this matters

Making this information publicly available helps:

- Inform **real-time drought response decisions and actions**
- Build a **long-term record of drought impacts** on aquatic ecosystems
- Identify **areas of drought vulnerability and resilience** to support short- and long-term planning for watershed management
- Drive **salmon habitat restoration** efforts and recovery planning
- Share **partner knowledge** and monitoring observations to **strengthen the collective picture** of drought impacts across BC

All contributed data will be **quality-checked and published on the BC Drought Portal**

<https://droughtportal.gov.bc.ca/>

If this sounds like something your organization could support, find out more in one of our upcoming Microsoft Teams webinars:

Option 1 Date & time:	Tuesday, June 2, 2026 2:00-3:00pm	<a href="#">Link to register</a>
Option 2 Date & time:	Tuesday June 8, 2026 2:00-3:00pm	<a href="#">Link to register</a>

Note: both webinars will be providing the same information, choose whichever option is most convenient for you