# Taking care of knowledge, taking care of salmon: Indigenous data sovereignty
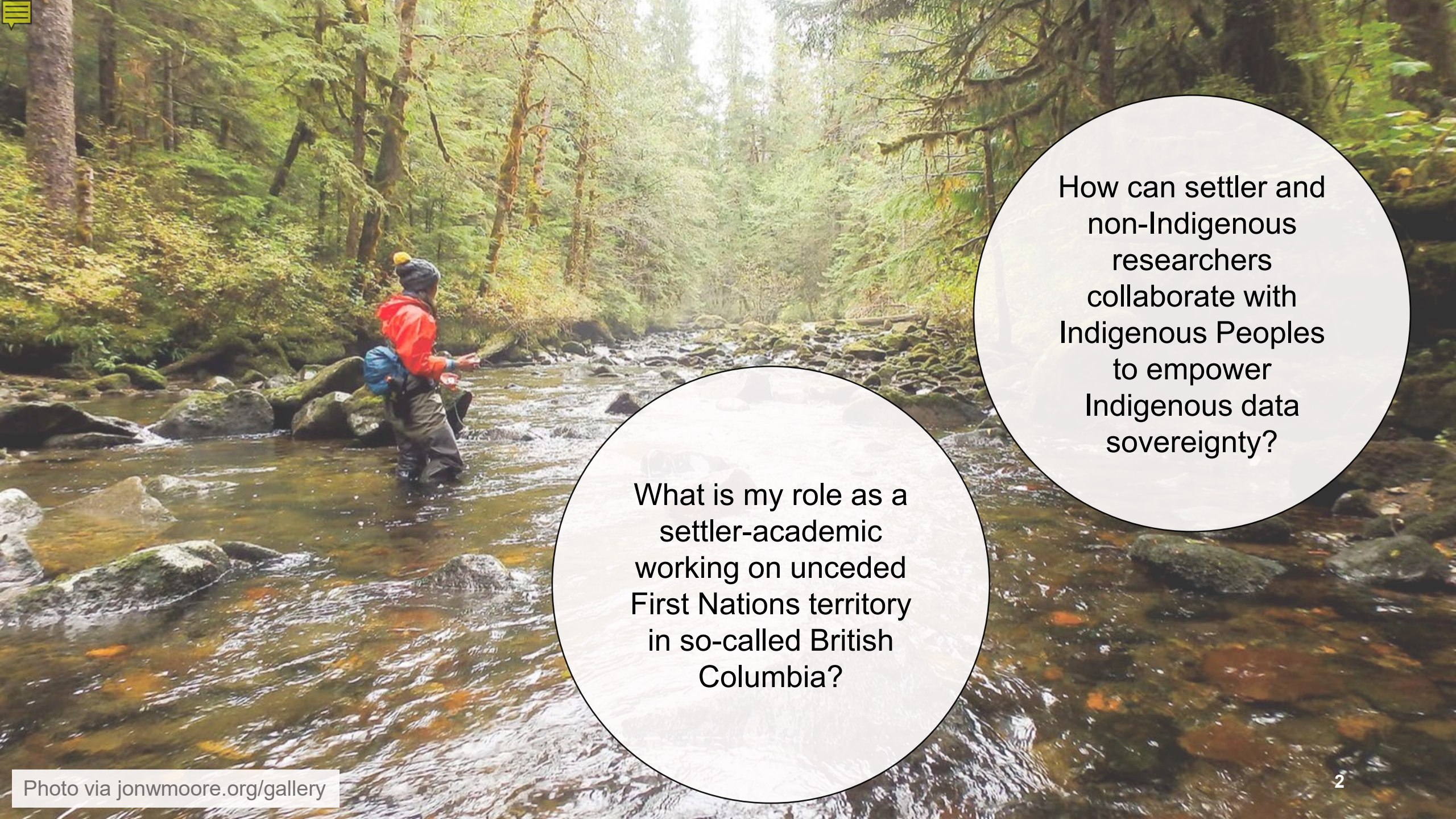
IDS Webinar Contributors, Stu Barnes, Sara Cannon, Bob Chamberlin, Emma Griggs, Julian Griggs, Jonathan Moore, Andrea Reid, Nigel Sainsbury, Jennifer Walkus

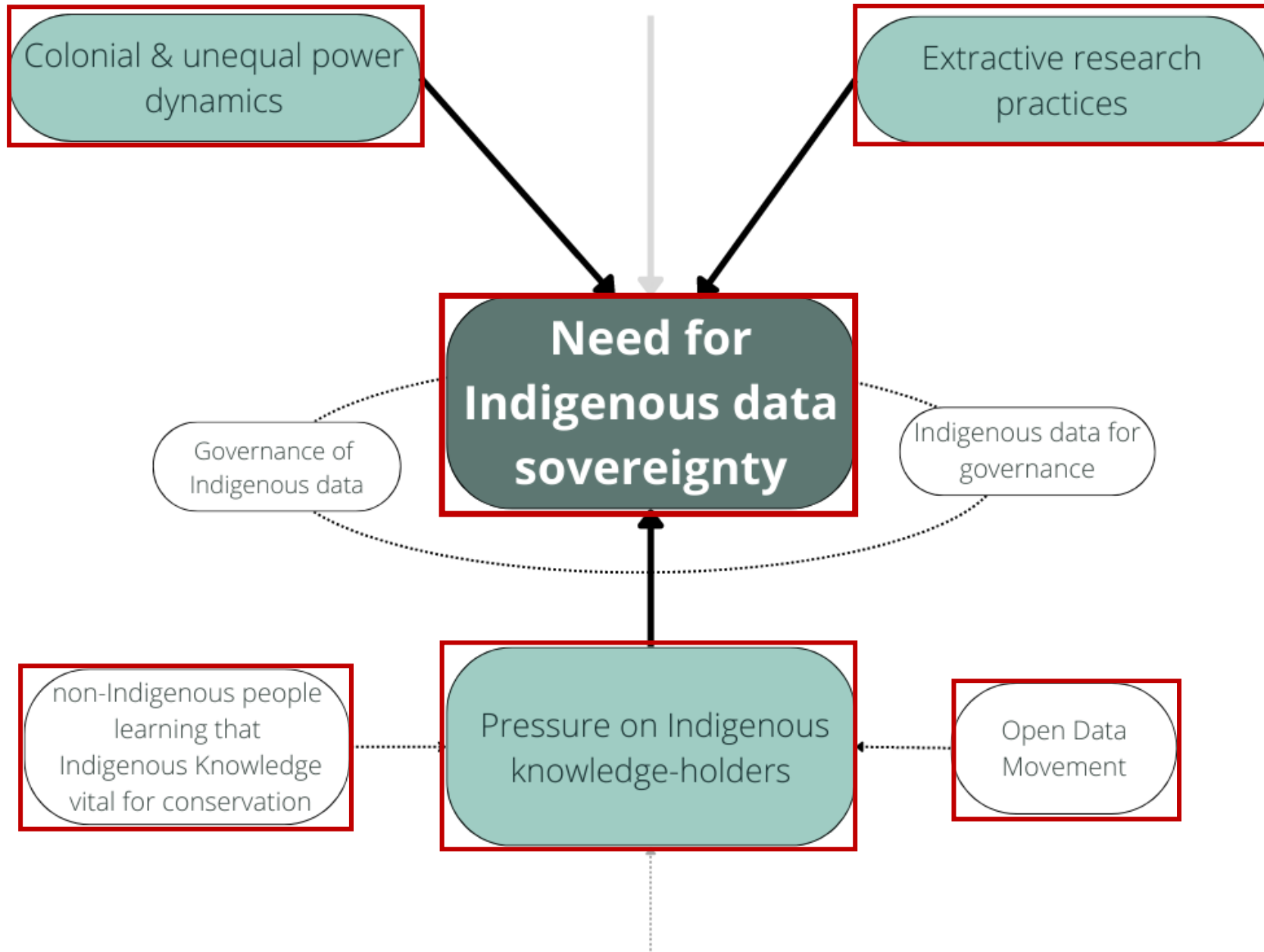*Watershed Futures Initiative*

*Simon Fraser University*

*Burnaby, BC, Canada*

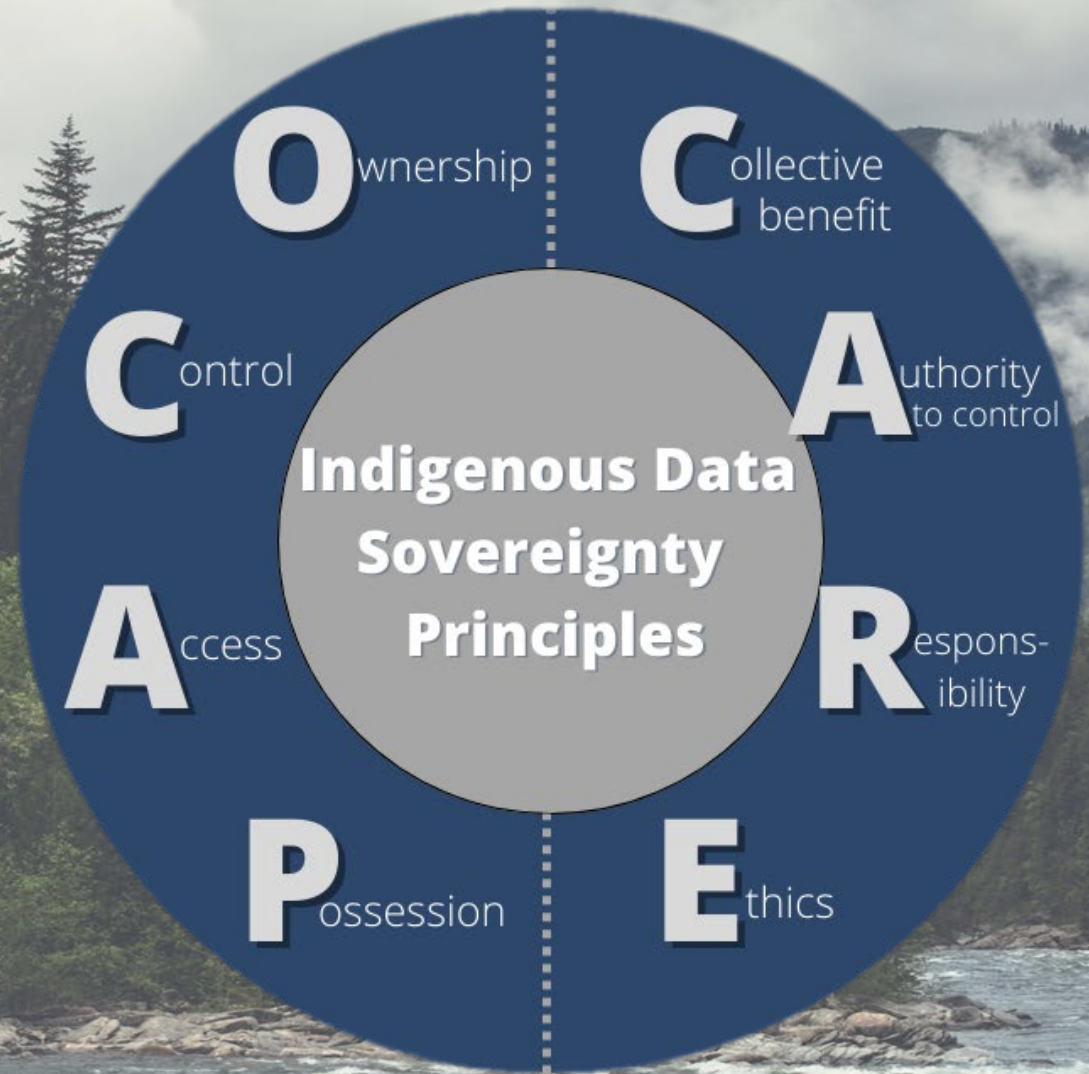*August 25, 2022*

How can settler and non-Indigenous researchers collaborate with Indigenous Peoples to empower Indigenous data sovereignty?

What is my role as a settler-academic working on unceded First Nations territory in so-called British Columbia?

O wnership
C ollective benefit
C ontrol
A uthority to control
A ccess
R espons- ibility
P ossession
E thics

Indigenous Data Sovereignty Principles

OCAP | PCAP
OWNERSHIP CONTROL ACCESS AND POSSESSION
PROPRIÉTÉ CONTRÔLE ACCÈS ET POSSESSION
FNIGC.CA

GIDA
Global Indigenous Data Alliance

# Watershed Futures Initiative

Event website where you can download all the publicly-available reports and resources, and watch the case study videos: https://www.watershedfuturesinitiative.com/indigenous-data-sovereignty
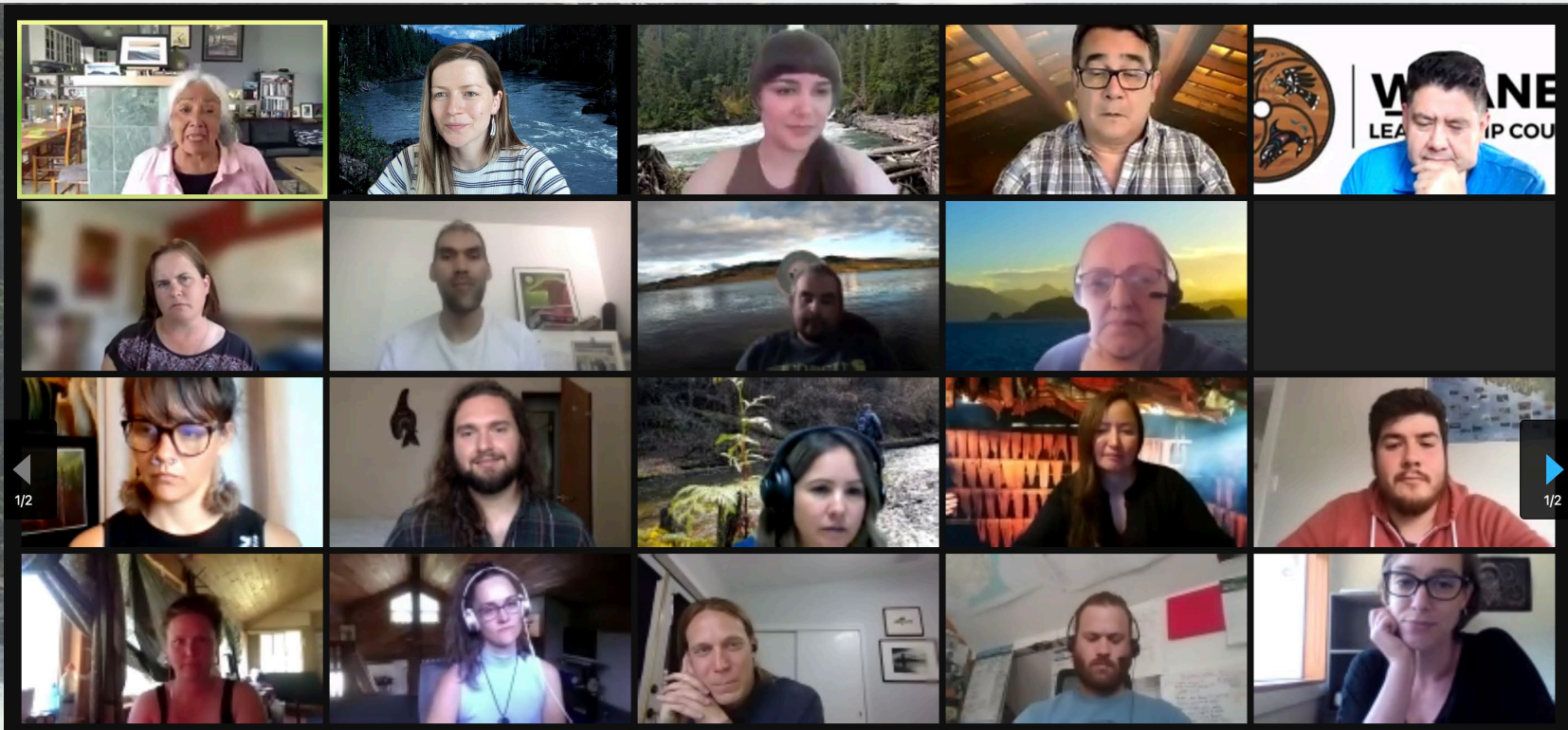
- Addressing need to improve science and governance of cumulative effects in British Columbia's salmon-bearing watersheds, by:

  - Facilitating networking and connections
  - Undertaking research

Dr. Jonathan Moore (SFU), via jonwmoore.org/gallery

# Indigenous Stewardship of Salmon Watersheds Webinar Series

- **Webinar 1:** June 2021, Cumulative effects and climate change
- **Webinar 2:** June 2022, Indigenous data sovereignty

# Planning Committee

**Bob Chamberlin**
Planning Committee Chair,
Chairman of First Nations
Wild Salmon Alliance

**Andrea Reid**
Nisga'a Nation
Assistant Professor & PI of
the Centre for Indigenous
Fisheries, UBC

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Chair, Skeena Fisheries
Commission

**Jess Housty**
Executive Director
Qqs Projects Society

**Jenn Walkus**
Councilor
Wulkinuxv Tribal Council

*Supported by the Organizing Committee: Dr. Jon Moore, Dr. Nigel Sainsbury, Emma Griggs, Julian Griggs, Sara Cannon*

Taking Care of Knowledge, Taking Care of Salmon:
Indigenous Data Sovereignty
*June 2, 2022*

# Taking Care of Knowledge, Taking Care of Salmon: Indigenous Data Sovereignty
## *June 2, 2022*

**Andrea Reid**
Nisga'a Nation
Assistant Professor & PI of the Centre for Indigenous Fisheries, UBC

**Sean Young**
Manager/Curator of Collections and lab of Archaeology–Saahlinda Naay "Saving Things House" (Haida Gwaii Museum)
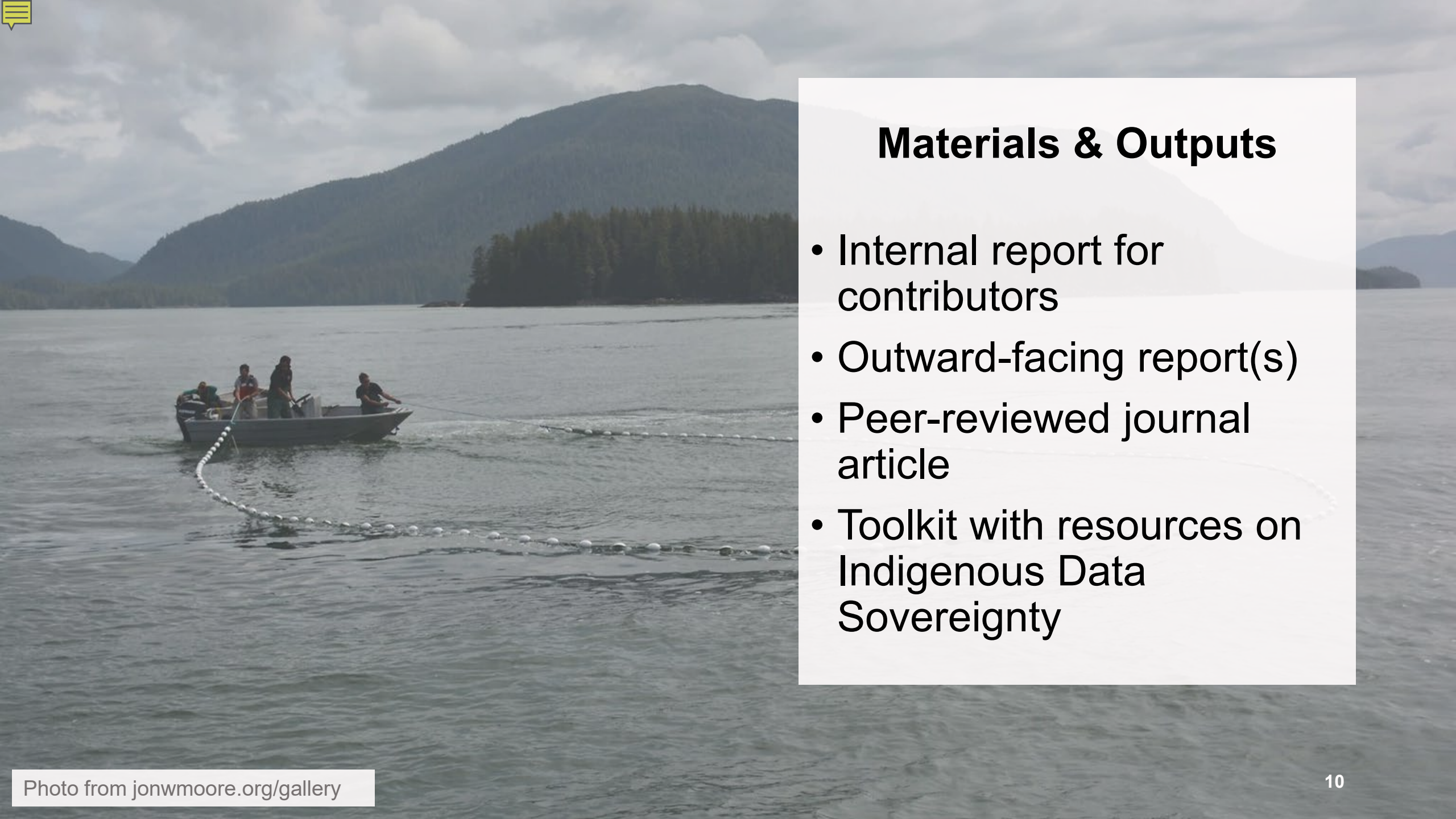
**Jennifer Walkus and Megan Adams**
Elected Councilor–Wuikinuxv Nation and Postdoctoral Fellow, Conservation Decision Lab–UBC

**Tara Marsden**
Wilp Sustainability Director–Gitanyow Hereditary Chiefs

**Kelly Speck**
Elected Councilor–'Namgis Nation

*Watch at watershedfuturesinitiative.com*

# Materials & Outputs

- Internal report for contributors

- Outward-facing report(s)

- Peer-reviewed journal article

- Toolkit with resources on Indigenous Data Sovereignty

Photo from jonwmoore.org/gallery

Kelly Foxcroft-Poirier
Tseshaht Nation (Nuu-chah-nulth)

SFU SIMON FRASER UNIVERSITY

**Indigenous data sovereignty: Watershed Futures Initiative: Indigenous Webinar Series**
*June 2, 2022*

Live Graphic Recording by:
WHITE RAVEN CONSULTING
Kelly Foxcroft-Poirier

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# Draft Steps for First Nations

# Draft Steps for First Nations

1. Determine who is responsible for granting permission to access data and/or First Nations traditional territories for research



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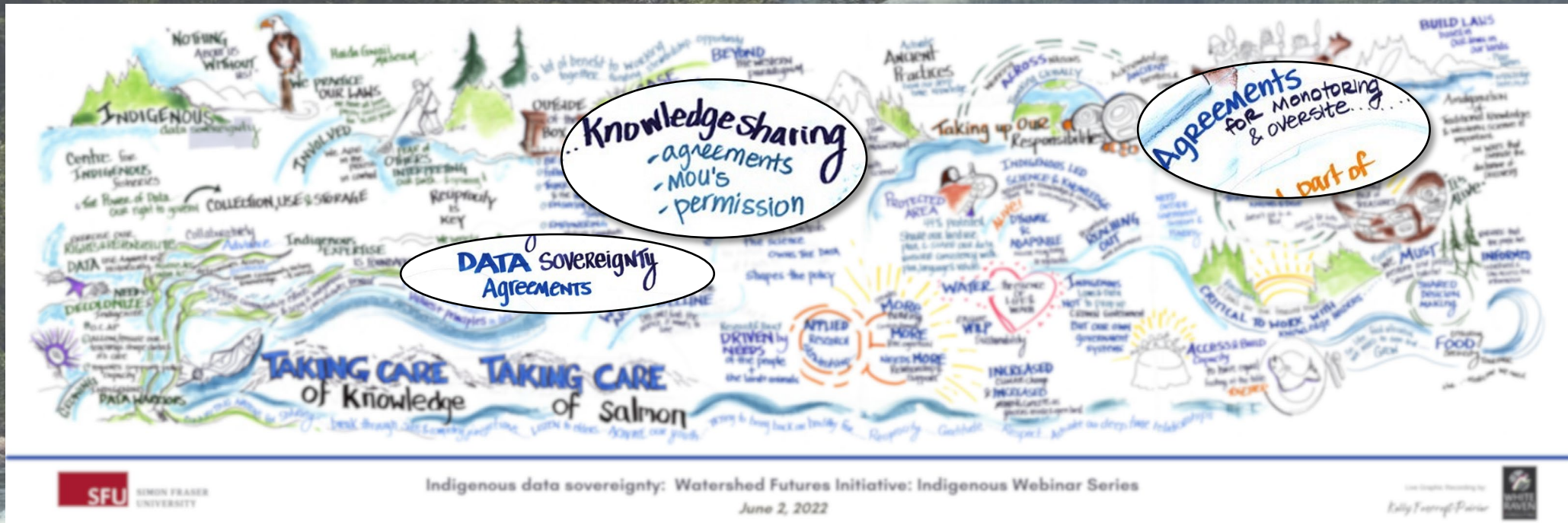
# Draft Steps for First Nations

2. Create steps or policies for external researchers and/or neighboring Nations, for data sharing or accessing First Nations territories

# Draft Steps for First Nations

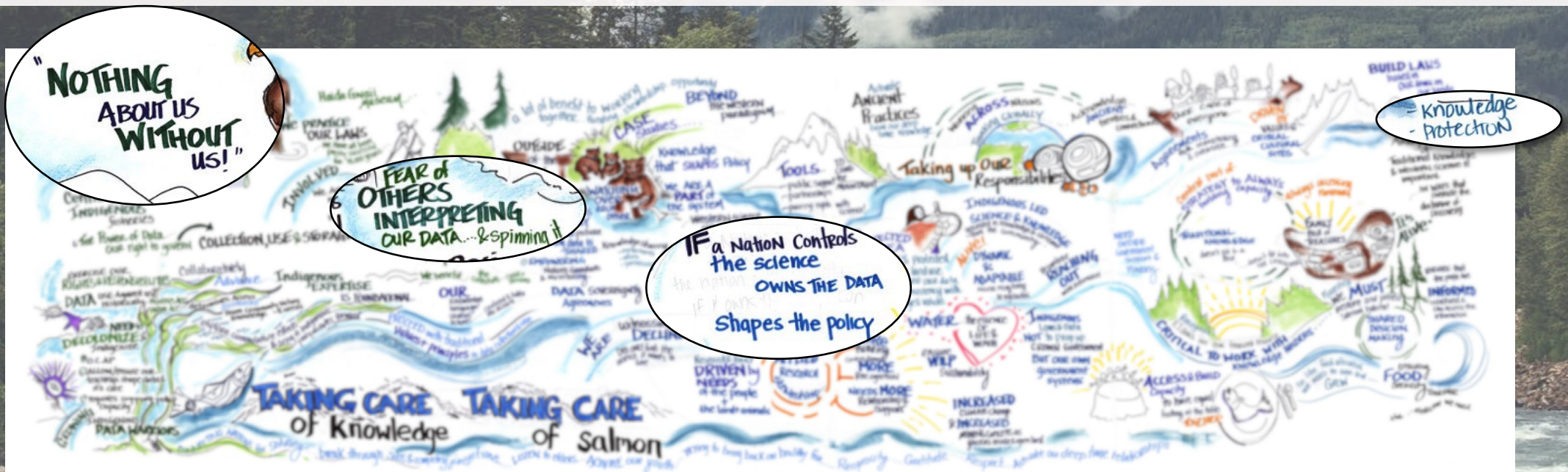3. Establish a plan for data collection and/or monitoring
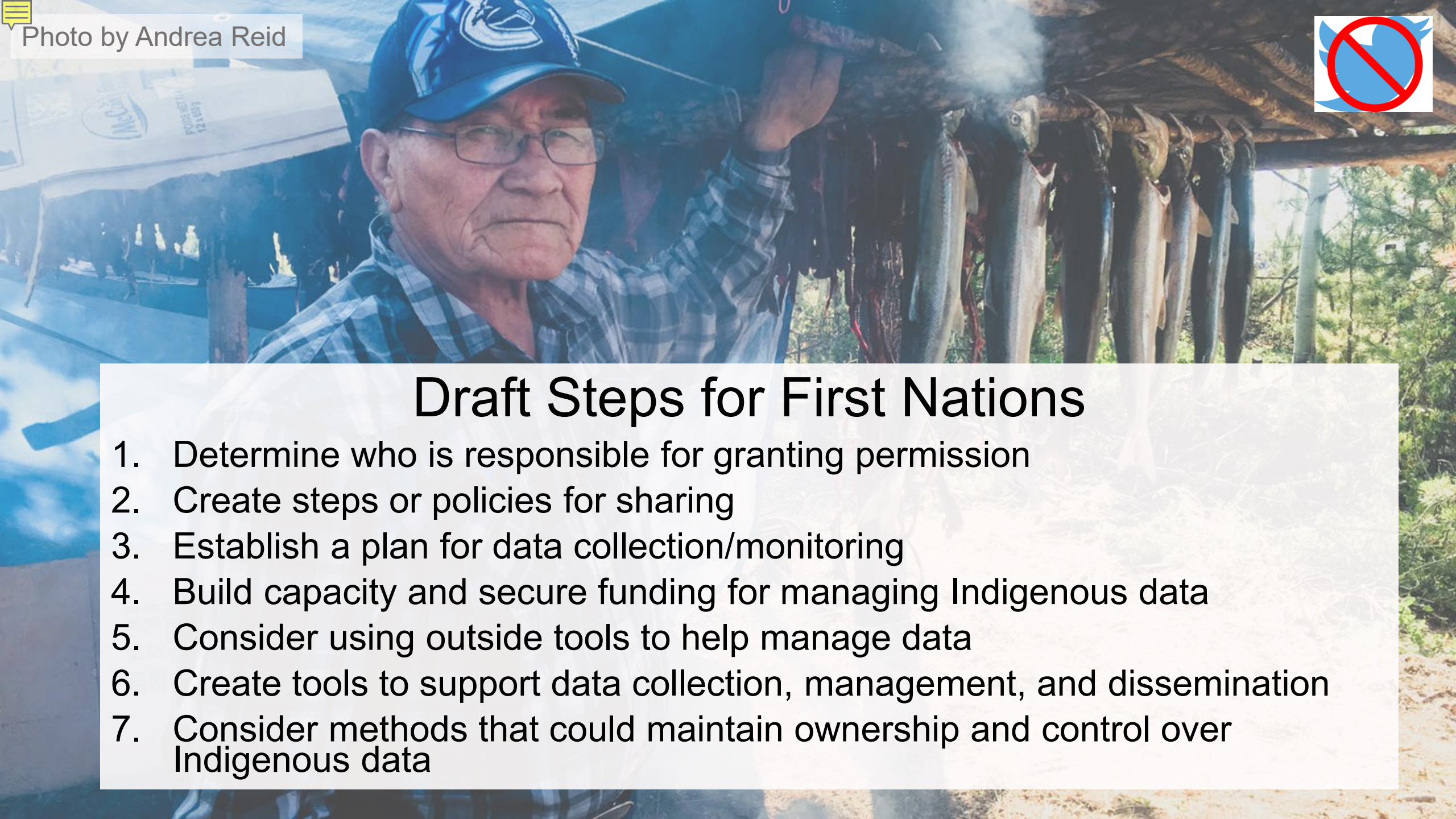
# Draft Steps for First Nations

4. Build capacity and secure funding for managing Indigenous data



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# Draft Steps for First Nations

5. Consider using outside tools to help manage data (such as third-party storage sites or applications)

# Draft Steps for First Nations

6. Create tools to support data collection, management, and dissemination



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# Draft Steps for First Nations

7. Consider methods that could maintain ownership and control over Indigenous data
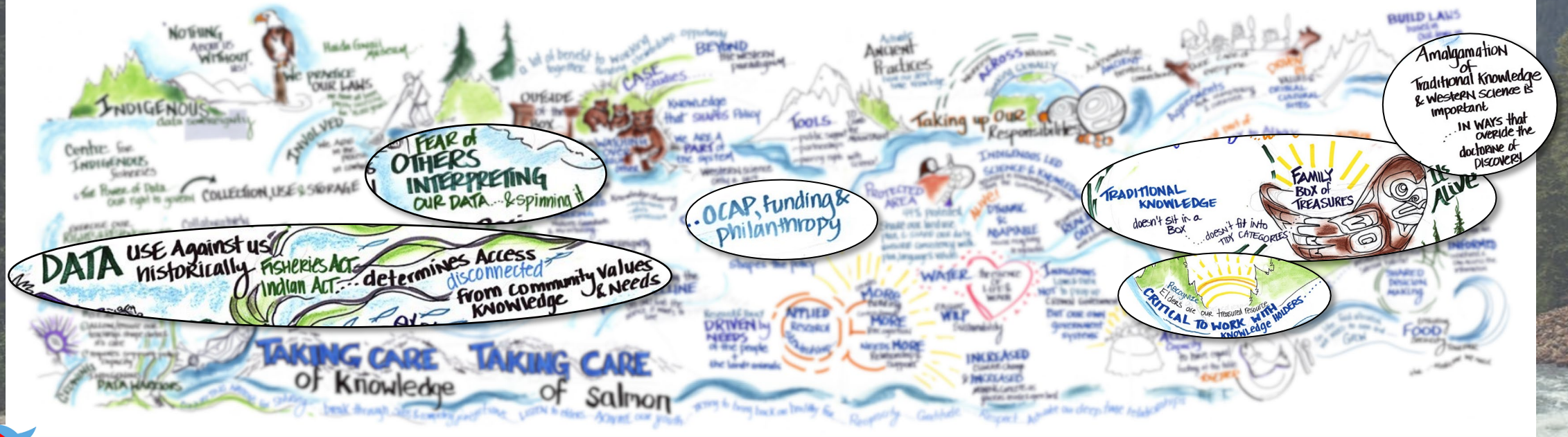
# Draft Steps for First Nations

1. Determine who is responsible for granting permission
2. Create steps or policies for sharing
3. Establish a plan for data collection/monitoring
4. Build capacity and secure funding for managing Indigenous data
5. Consider using outside tools to help manage data
6. Create tools to support data collection, management, and dissemination
7. Consider methods that could maintain ownership and control over Indigenous data

# Draft Recommendations for External Researchers

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Kelly Foxcroft-Poirier

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# Draft Recommendations for External Researchers

1. Before doing anything else, educate yourself



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# Draft Recommendations for External Researchers

2. Engage with the Nation(s) before planning a research or monitoring project



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# Draft Recommendations for External Researchers

3. Be transparent

# Draft Recommendations for External Researchers

4. If the Nation chooses to collaborate, researchers should consider ways to co-produce knowledge and outputs



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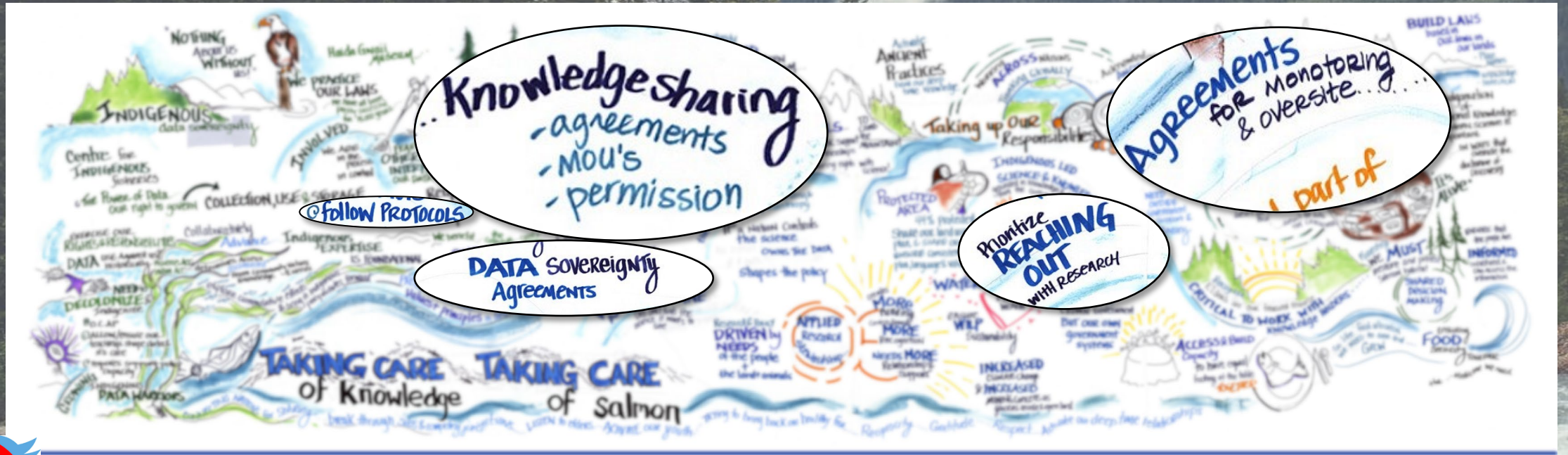June 2, 2022

# Draft Recommendations for External Researchers

5. Find ways to redirect funding and resources to First Nations

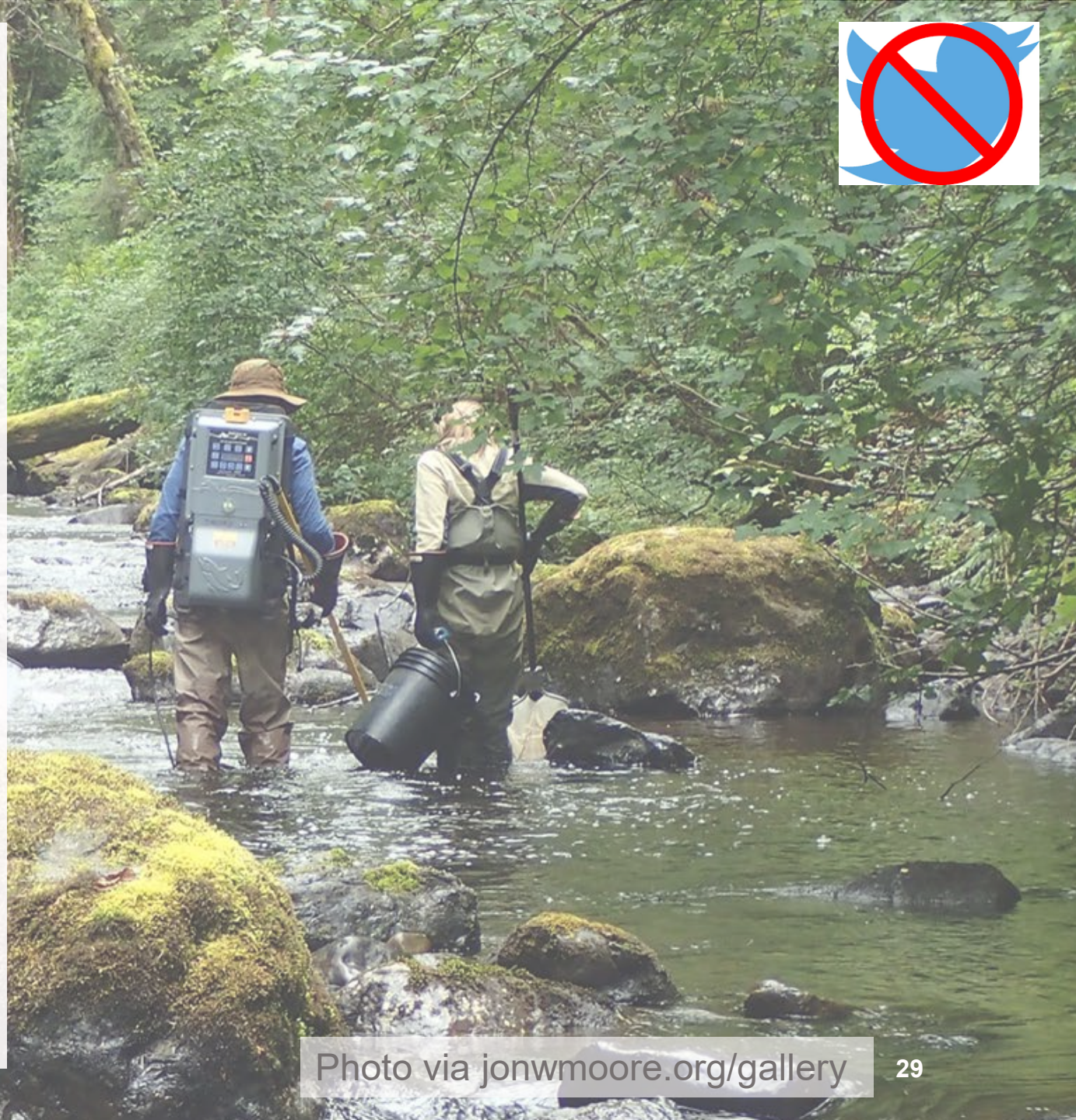# Draft Recommendations for External Researchers

6. Do the heavy lifting



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# Draft Recommendations for External Researchers

7. Provide and support access to technology and/or lab space, with training for using those spaces



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# Draft Recommendations for External Researchers

1. Educate yourself (including familiarity with existing data sovereignty principles like OCAP™ and CARE)

2. Engage with Nation(s) in advance

3. Be transparent

4. Consider how to co-produce knowledge and outputs

5. Redirect funding and resources to First Nations

6. Do the heavy lifting

7. Provide/support access to technology and/or lab space

Photo via jonwmoore.org/gallery

Photo by Andrea Reid

# Conclusions

- Indigenous Knowledge is critical for Indigenous Peoples re-establishing control of salmon watersheds

- Indigenous Data Sovereignty is vital to:
  - Prevent misuse of Indigenous knowledge
  - Support Indigenous sovereignty and stewardship
  - Manage cumulative effects in salmon-bearing watersheds

# Thank you!

**Thanks especially to:**

- Webinar Contributors
- Planning Committee Members
- Funders:
  - Fisheries and Oceans Canada's Ecosystems and Oceans Science Contribution Framework (EOSCF) program
  - The MakeWay Foundation
  - The Gordon and Betty Moore Foundation
  - Liber Ero
  - The Sitka Foundation

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