



# SKEENA KNOWLEDGE TRUST

2021 YEAR IN REVIEW



## 1000+ DATASETS

The SKT has successfully curated and uploaded 1,025 datasets to the Skeena Salmon Data Centre.

[VIEW DATA INSIGHTS](#)

## WELCOME TO OUR 2 NEW TRUSTEES

With the addition of two new trustees to make up a current board of six, the SKT will be able to deepen our connections to a wider range of aquatic Indigenous-led community-based projects within the Skeena watershed.

[MEET THE NEW TRUSTEES](#)

## UPGRADED KNOWLEDGE TOOLS

This year, the SKT put significant effort into upgrading our knowledge tools. The [Skeena Salmon Data Centre](#) and [Skeena Maps Portal](#) are now up-to-date with some new and improved functionalities!

[VIEW KNOWLEDGE TOOLS](#)

## NEW VISUALIZATIONS

The SKT developed new, user-friendly, and interactive visualizations from high-value datasets that are stored in the Skeena Salmon Data Centre

[VIEW FEATURED VISUALIZATIONS](#)

# 2021 HIGHLIGHTS



# MEET THE NEW TRUSTEES



## ALLISON OLIVER

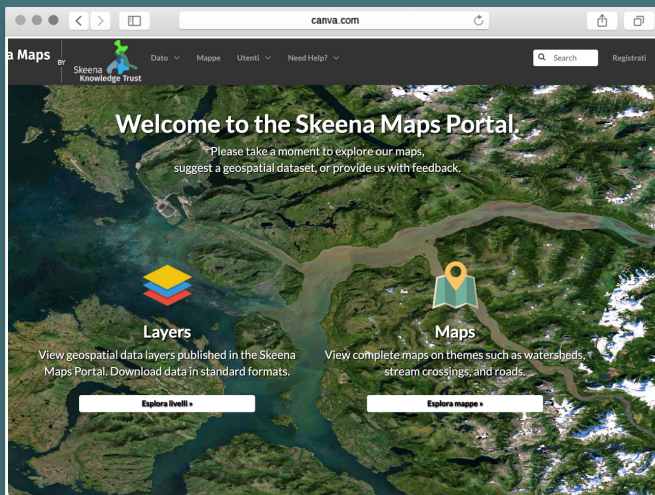
Dr. Allison Oliver received her doctorate in Ecology from University of California, Davis, USA in 2013. She currently resides in Hazelton, BC and works for the Skeena Fisheries Commission as an Aquatic Ecologist. Her extensive scientific research, field work, and data analysis experience as an aquatic scientist is a great asset to the board of trustees and will help guide the SKT to ensure our community engagement activities are relevant and meaningful.



## MICHAEL PRICE

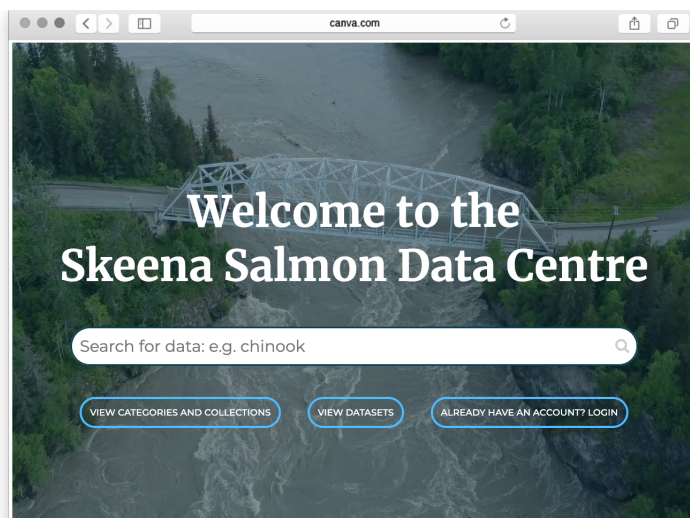
Michael Price is currently finalizing his doctorate at Simon Fraser University under the mentorship of Dr. John Reynolds and currently holds the position of Science Director with SkeenaWild Conservation Trust. Based in Smithers, BC, Michael's extensive research into the history and diversity of salmon populations across the Skeena watershed will bring a valuable perspective to the SKT.

This year, the SKT completed significant upgrades and enhancements to the Skeena Salmon Data Centre and Skeena Maps Portal. Our knowledge tools are now up-to-date and the new versions will be launched in the coming months. Stay tuned!



## SKEENA MAPS PORTAL

This year, the SMP was rebuilt and upgraded to its latest version. The upgrades include some bug fixes, various design improvements and some new and exciting functionalities!



## SKEENA SALMON DATA CENTRE

This is the SSDC's first major upgrade since 2017. Rebuilding the whole system enabled us to strengthen our internal capacity to do maintenance and develop future enhancements.

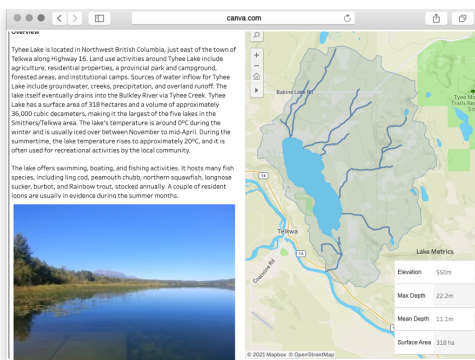


The SKT develops visualizations from high-value datasets that have been curated and stored in the Skeena Salmon Data Centre. All of our visualizations are currently available on [Tableau Public](#)



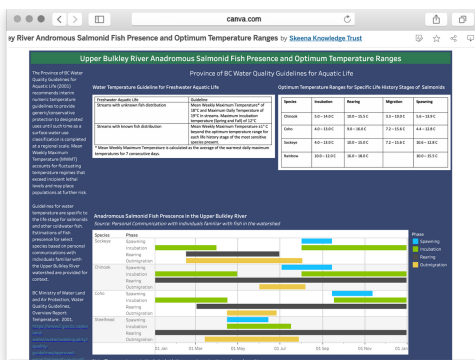
## UPPER BULKLEY RIVER WATER TEMPERATURE MONITORING DASHBOARD

The dashboard allows users to explore all the water temperature data collected through the DFO's Upper Bulkley Sockeye and Chinook Restoration Feasibility Study at a glance through the use of interactive filter maps.



## WHAT'S IN MY WATERSHED?: TYHEE LAKE

This year, a new What's In My Watershed? visualization was released featuring Tyhee Lake. The Tyhee Lake dashboard is the latest in a series which also includes Seymour Lake and Lake Kathlyn. These dashboards provide information pertaining to specific watersheds to improve the accessibility of information for a non-technical audience.



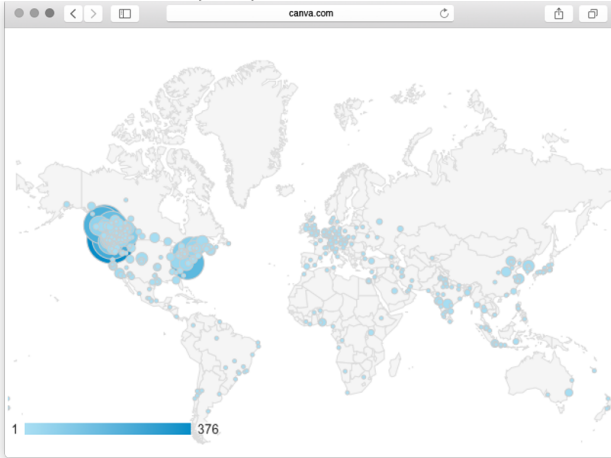
## UPPER BULKLEY RIVER ANDROMOUS SALMONID FISH PRESENCE AND OPTIMUM TEMPERATURE RANGES

Water temperature guidelines developed by the Province of BC for freshwater aquatic life are summarized in this visualization, which includes optimum temperature ranges for specific life history stages of salmonids (incubation, rearing, migration, and spawning).



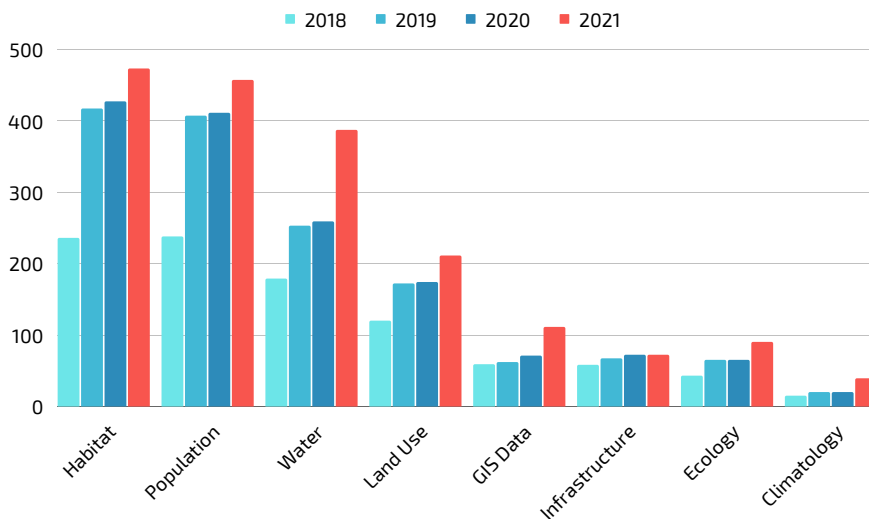
# 2021 SKEENA SALMON DATA CENTRE TRAFFIC REPORT

SSDC Visitors by city

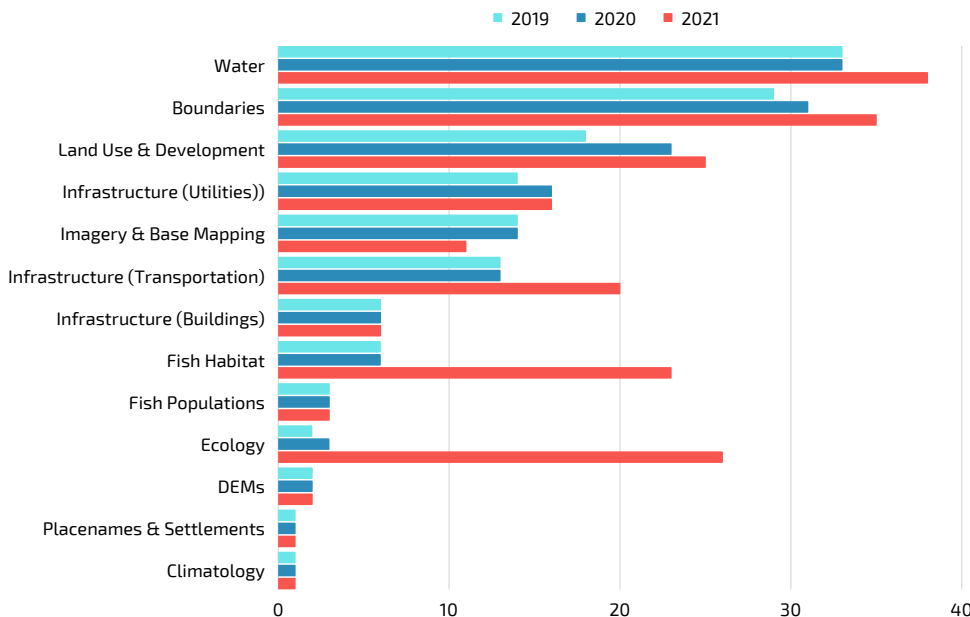


**6,117**  
TOTAL YEARLY  
USERS IN 2021

Datasets in the SSDC by Category 2018-2021



Map Layers in the SMP by Category 2019-2021



# DATA INSIGHTS

SKEENA SALMON  
DATA CENTRE NUMBERS

**1,025**  
DATASETS

**52**  
USERS

SKEENA MAPS  
PORTAL NUMBERS

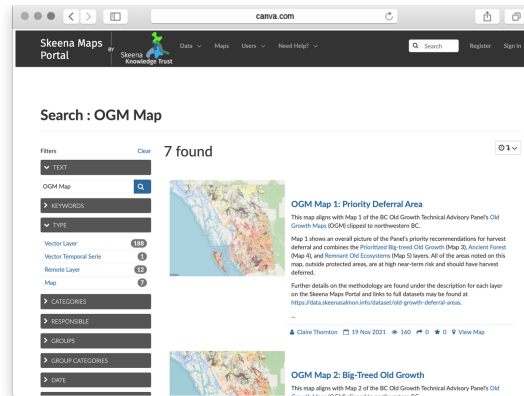
**212**  
LAYERS

**53**  
MAPS

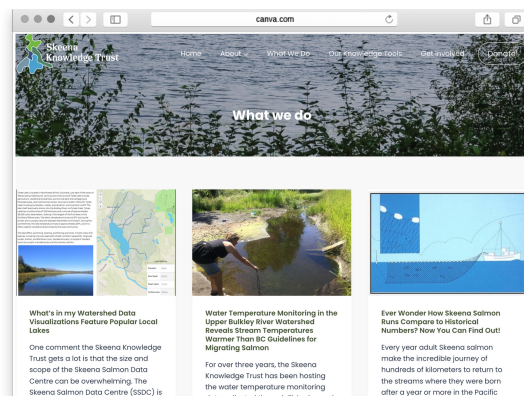
**61**  
USERS



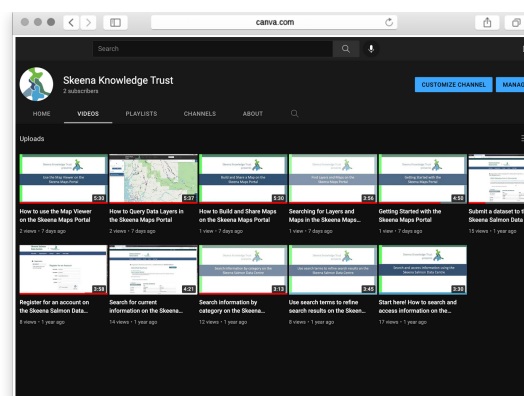
# FEATURED LINKS



Old  
Growth  
Maps



SKT  
Case  
Studies



SMP  
Help  
Videos

## TOP 5 MOST VIEWED DATASETS IN 2021

1. [Skeena Tyee Test Fishery Visualizaton](#)
2. [2021 Skeena Sockeye Forecast](#)
3. [SSAF State of the Value Report for Fish and Fish Habitat 2020 - Data](#)
4. [Upper Bulkley Water Temperature Monitoring Data](#)
5. [SSAF State of the Values Report for Wetlands 2020 - Data](#)





MakeWay



**HEALTHY  
WATERSHEDS**  
INITIATIVE



PACIFIC  
SALMON  
FOUNDATION



THE KASSANDRA TRUST



**LUSH**



**Watersheds BC**



The Skeena Knowledge Trust is thankful for all the support provided by our funding partners and anonymous donors currently and in the past.



# SHOW YOUR SUPPORT BY DONATING TODAY!



[skeenatrust.ca/involve](https://skeenatrust.ca/involve)



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