



SURFACE WATER QUALITY STEWARDSHIP TOOLBOX

Educational Resources

Below is a compilation of available educational resources related to stewardship and water quality. URLs were active at the time this document was created and may become out of date. Please let us know if a URL is not working

Stewardship and Indigenous Resources

Stewardship | Land Stewardship Centre of Canada -
<https://www.landstewardship.org/stewardship/>

Pacific Streamkeepers Federation –
<https://www.pskf.ca/>

Indigenous Guardians Toolkit - <https://www.indigenousguardianstoolkit.ca/>

Coastal First Nations Stewardship - <https://coastalfirstnations.ca/our-environment/coastal-stewardship-network/>

US River Network's resource library - <https://www.rivernetwork.org/connect-learn/resources/>.

Mapping Resources

BC ENV Surface Water Quality Monitoring Sites -
<https://www2.gov.bc.ca/gov/content/environment/research-monitoring-reporting/monitoring/tools-databases/surface-water-monitoring-sites>

BC ENV Real-time Water Data Map (time series data) - <http://aqrt.nrs.gov.bc.ca/>

BC ENV Water Resources Atlas - <http://maps.gov.bc.ca/ess/hm/wrbc/>

BC ENV Wells and Aquifers – <https://apps.nrs.gov.bc.ca/gwells/aquifers/>

BC Lake Monitoring Portal Map -
<https://governmentofbc.maps.arcgis.com/apps/MapSeries/index.html?appid=a5ffb1bcffad4407b387292f2e55899f>

Groundwater Level Data Interactive Map -
<https://governmentofbc.maps.arcgis.com/apps/webappviewer/index.html?id=b53cb0bf3f6848e79d66ffd09b74f00d>



Stewardship Map - Community Based Environmental Monitoring Network -

<https://cbemn.ca/resources/stewardship-map/>

Government of Canada Real-Time Hydrometric Data Map Search -

https://wateroffice.ec.gc.ca/google_map/google_map_e.html?map_type=real_time&search_type=province&province=BC

Water Monitoring Resources

Elevating Community Based Water Monitoring in Canada –

https://datastream.cdn.prismic.io/datastream/86ba0f6b-61d1-4620-98a2-185578ffaf8e_EN_DiscussionPaper_Final_web.pdf

Water Data Collaborative - <https://waterdatacollaborative.org/>

Sustainability Indicators - <https://indicators.ucdavis.edu/>

Conservation Technology Information Center knowing your watershed:

https://www.ctic.org/resource_display/?id=1088&title=Know+Your+Watershed+Resources

Daily Environment Report on Water Monitoring -

https://acwi.gov/monitoring/vm/publications/articles/article_BNA%20Water%20Quality%20Monitoring.pdf

US Environmental Protection Agency how to start a watershed monitoring group -

<http://water.epa.gov/type/watersheds/start.cfm>

Lakes Monitoring Resources

BC ENV Volunteer Lake Monitoring Program –

<https://www2.gov.bc.ca/gov/content/environment/research-monitoring-reporting/monitoring/lake-monitoring/volunteer-lake-monitoring>

BC Lake Stewardship Society - <https://www.bclss.org/>

Living Lakes Canada - <https://livinglakescanada.ca/>

Water Quality Awareness

Fraser Basin Council - https://www.fraserbasin.bc.ca/water_rethinking.html

Water Science Series - <https://www2.gov.bc.ca/gov/content/environment/air-land-water/water/water-science-data/water-science-series>

National Water Agency Related recordings -



Ministry of
Environment and
Climate Change Strategy

https://gwf.usask.ca/outputs-data/major-outcomes/water-security-4-canada.php?mc_cid=40763c55e4&mc_eid=fc1f0d360e#October132020

Rethinking Water - <https://www.regenwater.com/en/GEP/home>

Community-Based Water Monitoring Resources

The Gordon Foundation - Elevating Community-Based Water Monitoring in Canada - <https://gordonfoundation.ca/resource/elevating-community-based-water-monitoring-in-canada/>

Citizen Science for Environmental Protection - <https://www.epa.gov/citizen-science>

Citizen Science Organization - <https://citizenscience.org/>

US EPA – Citizen Science QA/QC - https://www.epa.gov/sites/production/files/2019-03/documents/508_csqaaptemplates3_5_19_mmedits.pdf

National Extension Water Outreach Education – Facilitating Access to Resources and Best Education Practices (wisc.edu) - <https://fyi.extension.wisc.edu/wateroutreach/>

Red River volunteer manual - how to start a monitoring group - https://www.riverkeepers.org/wp-content/uploads/2016/09/water_quality_manual01.pdf

Volunteer Stream Monitoring - <https://www.pca.state.mn.us/sites/default/files/wq-s1-15.pdf>

National Water Quality Monitoring Council Volunteer Water Monitoring - <https://acwi.gov/monitoring/vm/resources.html>

US EPA Volunteer Water Monitoring - <https://archive.epa.gov/water/archive/web/html/index-18.html>

US Department of Agriculture – Volunteer Water Quality Monitoring Information https://acwi.gov/monitoring/vm/publications/articles/article_Why_Makes_Sense.pdf

Water Data Resources

BC ENV Field Sampling Manual - <https://www2.gov.bc.ca/gov/content/environment/research-monitoring-reporting/monitoring/laboratory-standards-quality-assurance/bc-field-sampling-manual>

BC ENV- Guidelines for Interpreting Water Quality Data - https://www2.gov.bc.ca/assets/gov/environment/natural-resource-stewardship/nr-laws-policy/risc/guidlines_for_interpreting_water_quality_data.pdf



Ministry of
Environment and
Climate Change Strategy

Share Your Water Data - <https://www2.gov.bc.ca/gov/content/environment/air-land-water/water/water-science-data/water-data-tools/real-time-water-data-reporting/water-data-submission>

EcoCat Ecological Reports Catalogue - <https://www2.gov.bc.ca/gov/content/environment/research-monitoring-reporting/libraries-publication-catalogues/ecocat>

Environmental Information Resources System for Environmental Protection (EIRS EP) - <https://www2.gov.bc.ca/gov/content/environment/research-monitoring-reporting/libraries-publication-catalogues/eirs-ep>

Water Tools - <http://www.bcwatertool.ca/>

Internet of Water - <https://internetofwater.org/>

How's My Waterway - <http://mywaterway.epa.gov>

US Environmental Protection Agency watershed monitoring information - <http://water.epa.gov/type/watersheds/start.cfm>

Indiana Volunteer Groundwater Monitoring Network - https://www.usgs.gov/centers/oki-water/science/indiana-volunteer-groundwater-monitoring-network?qt-science_center_objects=0#qt-science_center_objects