



# Water Quality Monitoring: Freshwater Sampling and Design Course

## About Our Instructor

### Norm Zirnhelt, R.P.Bio

Norm Zirnhelt is a Registered Professional Biologist with over 35 years experience in water and air quality. Norm was head of the BC Ministry of Environment's (MOE) Air/Water Quality Monitoring and Impact Assessment Section for the Cariboo Region from 1989-2010.

Norm has been Principal Consultant at his consulting firm, Cariboo Environmental Quality Consulting Ltd. (CEQC) since 2010. CEQC has completed projects on lakeshore protection in sensitive areas, aquatic benthic biology, fish tissue & water chemistry assessment in the mining sector, analysis of aquatic benthic data from a range of sites for the Ministry of Environment, and has developed & conducted training courses for impact assessment biologists for the MOE, as well as Ducks Unlimited staff. In addition, from 2011 – 2016 Norm has conducted Lakekeepers training for lake stewardship groups in the interior of BC.

Norm is currently President of the BC Lake Stewardship Society (BCLSS), a non profit society dedicated to the preservation and protection of British Columbia's lakes.

## Course Description

The intent of the water quality monitoring and design course is to provide participants with knowledge required in order to sample and design programs for effluents and fresh water safely, properly, and with the ability to obtain the best scientifically-defensible results. This will be accomplished through the use of case studies and exercises which will reinforce the principles developed in the classroom. These will uphold current British Columbia Provincial and federal legislation and best management practices for monitoring program design.

## How to Register

If you are interested in attending this program, please contact  
**Natural Resources Extension Program**

250.740.6372

[nrep@viu.ca](mailto:nrep@viu.ca)

*Seats are limited*

<https://scitech.viu.ca/natural-resource-extension/schedule>



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