Nicole **Hill**

Intermediate Computational Biologist

Poisson Consulting Ltd

+1 778 246 0388 | nicole@poissonconsulting.ca | poissonconsulting.ca/nicole | nehill197

Background

Nicole Hill is an Intermediate Computational Biologist with Poisson Consulting Ltd. specializing in population dynamics and abundance estimation using Bayesian methods. Prior to joining Poisson Consulting in 2022, Nicole completed a dissertation project modifying distance sampling methodology to accommodate unique aspects of a sperm whale survey design to estimate abundance of sperm whales in the Mediterranean Sea. She is the maintainer of the extras R package.

Education

2020	BSc in Biology	*SFU*
2022	MSc in Statistical Ecology	*University of St Andrews*

Career

2022	Intern	*Poisson Consulting*
2023	Junior Computational Biologist	*Poisson Consulting*
2024	Intermediate Computational Biologist	*Poisson Consulting*

Example Projects

Elk River Westslope Cutthroat Trout Monitoring (2022 - 2024)

Data management, database creation, data analysis, and technical writing for project to estimate annual abundance and growth of westslope cutthroat trout.

Westslope Cutthroat Trout Population Monitoring in Line Creek (2023 - ongoing)

Data management, database creation, and data analysis to estimate abundance, growth, and body condition of westslope cutthroat trout.

Chilliwack Lake Creel Survey and Bull Trout Exploitation (2023 - ongoning)

Data management, database creation, and data analysis to estimate angler effort and bull trout abundance.