

Evan Amies-Galonski

INTERMEDIATE COMPUTATIONAL BIOLOGIST

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Background

Evan Amies-Galonski RBTech is an Intermediate Computational Biologist with Poisson Consulting who specializes in geographic information systems (GIS), data collection and database design. Prior to joining Poisson in 2018, he worked for several years as of forestry technician performing GPS surveys and riparian assessments of upland streams and fish habitat in coastal and interior BC. He is the maintainer of the fishbc and dbflobr R packages.

Education

2017 Advanced Diploma in GIS

Selkirk College

Career

2022 Intermediate Computational Biologist

Poisson Consulting

2018 Junior Computational Biologist

Poisson Consulting

2017 UAV Survey Operator

Selkirk College

2014 Forestry Technician

NXNW Consulting

2011 Forestry Technician

Timberland
Consultants

Example Projects

Lower Columbia Rainbow Trout Spawning (2019 - 2023)

Data management, GIS, data analysis, and report writing for CLBMON-46 to estimate the influence of dam operations on Rainbow Trout trout spawning, abundance, egg dewatering and egg survival.

Lardeau and Lower Duncan Juvenile Rainbow Trout Stock Recruitment (2018 - ongoing)

Field work, data management and data analysis to estimate juvenile Rainbow Trout abundance, stock-recruitment, and in-lake survival.

Kaslo Bull Trout Productivity Analysis (2018 - ongoing)

Field work, data management and data analysis to estimate juvenile Bull Trout abundance and stock-recruitment.

Key Publications

1. Baxter, J. T. A., Amies-Galonski, E. C., Thorley, J. L., & Fjeld, M. (2023). *Lower Columbia River Rainbow Trout Spawning Assessment and Egg Mortality Study: CLBMON-46 implementation year 4 (2022)*.
2. Amies-Galonski, E. C., Thorley, J. L., Baxter, J. T. A., & Irvine, R. L. *Lower Duncan River Gerrard Rainbow Trout Monitoring - Data Report 2021 Update*.
3. Thorley, J., & Amies-Galonski, E. (2018). *An Overview of Egg Mortality in Dewatered Redds* [A Poisson Consulting Ltd. Memorandum]. BC Hydro.