

Tim Cashion

trcashion@gmail.com

<http://timcashion.github.io>

PROJECTS

- Vancouver's Data Science Market
 - <https://towardsdatascience.com/vancouver-data-scientist-market-24c43307d784>
- Economic Value of Pacific Herring in the Strait of Georgia - Prepared for Pacific
 - <https://timcashion.github.io/PacificHerring/>

EDUCATION

Doctorate of Philosophy in Fisheries and Oceans

September 2017 - 2020 (Expected) - University of British Columbia; Vancouver, BC

Data Scientist Stream

DataQuest 2016-2017

Master of Environmental Studies

September 2013 - June 2015 - Dalhousie University; Halifax, NS (GPA 4.2/4.3)

Bachelor of Arts - Honors Double Major in Global Development Studies and Biblical Studies

September 2009 - April 2013 - Huron University College; London, ON (GPA 3.8/4.0)

RECENT WORK EXPERIENCE

- University of British Columbia September 2019-Present
 - Master's of Data Science teaching assistant. Courses: Communication and Argumentation; Regression I.
- University of British Columbia October 2015-July 2017
 - Senior research assistant for the *Sea Around Us* project. Data cleaning and manipulation, updating and querying SQL database, and web scraping. www.seaaroundus.org

SKILLS AND LANGUAGES

- Proficient: R, Python, SQL
- Basic knowledge: HTML, CSS, Git
- Data visualization including plotly, ggplot2/plotnine, and matplotlib

SELECT PUBLICATIONS

1. Cashion, T., de la Puente, S., Belhabib, D., Pauly, D., Zeller, D., & Sumaila, U. R. (2018). Establishing company level fishing revenue and profit losses from fisheries: A bottom-up approach. *PloS one*, 13(11), e0207768.
2. Cisneros-Montemayor, A. M., Cashion, T., Miller, D. D., Tai, T. C., Talloni-Álvarez, N., Weiskel, H. W., & Sumaila, U. R. (2018). Achieving sustainable and equitable fisheries requires nuanced policies not silver bullets. *Nature ecology & evolution*, 2(9), 1334.
3. Cashion T., Le Manach, F., Zeller, D., Pauly, D. (2017) Most fish destined for fishmeal are food-grade fish. *Fish and Fisheries*.
4. Cashion, T., Hornborg, S., Ziegler, F., Hognes, E., & Tyedmers, P. (2016). Review and advancement of the marine biotic resource use metric in LCAs: a case study of Norwegian salmon feed. *International Journal of Life Cycle Assessment* 21(8): 1106-1120.

SELECT AWARDS

- Social Sciences and Humanities Research Council's Doctoral Fellowship – 2017 - 2021
- University of British Columbia 4-Year Fellowship – 2017-2021
- Nova Scotia Graduate Scholarship- 2014
- Social Sciences and Humanities Research Council's Joseph-Armand Bombardier Canada Graduate Scholarships- 2013