Jonathan W. Cummings

Biologist, Branch of Species Status Assessment Science Support
Ecological Services, US Fish and Wildlife Service

Email: jonathan\_cummings@fws.gov| Tel: +1-802-999-8684

 [www.drjonathancummings.com](http://www.drjonathancummings.com)| [@jonathancummings.bsky.social](https://bsky.app/profile/jonathancummings.bsky.social) | [jonathancummings](https://github.com/jonathancummings)

**EDUCATION**

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| Doctor of Philosophy, Natural Resources, University of Vermont, 3.89 GPA | 2014 |
| Masters of Resource Management, Simon Fraser University, 3.89 GPA | 2009 |
| Bachelor of Arts, Biology & Environmental Studies, Oberlin College, 3.30 GPA | 2005 |

**EMPLOYMENT**

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| **Biologist**, Branch of Species Status Assessment Science Support, Ecological Services, US Fish and Wildlife Service, Falls Church, VA | 2021 – present  |
| **Independent Consultant**, Mid-Atlantic Fisheries Management Council, Dover, DE | 2020 – 2022  |
| **Post-Doctoral Fellow**, School of Marine Science and Technology, University of Massachusetts Dartmouth, New Bedford, MA | 2018 – 2021 |
| **Independent Consultant**, Compass Resource Management, Vancouver, BC Canada | 2018 |
| **Research Ecologist**, Patuxent Wildlife Research Center, US Geological Survey, Laurel, MD | 2014 – 2017 |

**SELECTED PUBLICATIONS**

Karp, Mellisa, …, **JW Cummings**, …, et al. (41 authors)**.** 2023 *Increasing the uptake of multispecies models in fisheries management*. ICES Journal of Marine Science 80:243–257. <https://doi.org/10.1093/icesjms/fsad001>

**Cummings, JW**, C Bernier. 2021 *Structured Decision Making provides insight when selecting a preferred population monitoring program*. InHarvest of Fish and Wildlife: Sustainable Management in a Challenging World. Kevin L. Pope and Larkin A. Powell, editors.

**Cummings, JW**, M Parkin, J Zelenak, H Bell, K Broderdorp, B Holt, M McCollough, T Smith. 2020. *Applying expert elicitation of viability and persistence to a lynx species status assessment.* Conservation Science and Practice. <https://dio.org/10.1111/csp2.284>

**Cummings, JW,** SJ Converse, DR Smith, S Morrey, M Runge. 2018. *Analyzing implicit decision framing, an unrecognized source of confusion in endangered species classification decisions.* Conservation Biology. <https://doi.org/10.1111/cobi.13185>

**Cummings, JW**, SJ Converse, CT Moore, DR Smith, CT Nichols, NL Allan, CM O’Meilia. 2017. *A projection of lesser prairie-chicken (Tympanuchus pallidicinctus) populations range-wide*. U.S. Geological Survey Open-File Report 2017-1071, <https://doi.org/10.3133/ofr20171071>.

**Cummings, JW.** MJ Hague, DA Patterson, and RM Peterman. 2011. The impact of different performance measures on model selection for Fraser River Sockeye Salmon. North American Journal of Fisheries Management 31:323 — 334. <https://doi.org/10.1080/02755947.2011.562750>

**GRANTS RECEIVED**

NOAA Climate Program Office. Stakeholder Engagement in Management Strategy Evaluation of New England Groundfish In A Changing Ocean. $218,000. Sep 2019 - Aug 2021. co-PI.