

HARRIET MORGAN

hmorg@uw.edu | 206.685.4068 | Seattle, WA

EDUCATION

University of Michigan School of Natural Resources and Environment (Ann Arbor, MI)

- **Master of Science**, Natural Resources and Environment: Conservation Ecology, Dec. 2014

McGill University (Montreal, Quebec)

- **Bachelor of Science**, Environmental Science: Biodiversity and Conservation, May 2012

EXPERIENCE

Research Consultant | Climate Impacts Group | (Seattle, WA) | Dec. 2014 – Present

- Collaborated with the Washington State Parks and Recreation Commission to conduct a climate change vulnerability assessment for State Parks' properties, facilities, operations, and state-wide programs.
- Analyzed the vulnerability of key species and habitats to the projected effects of climate change for the Stillaguamish Tribe of Indians using NatureServe's climate change vulnerability index (CCVI).
- Worked with the Stillaguamish Tribe of Indians to identify 190 actions that are expected to help species and habitats important to the Stillaguamish Tribe become more resilient to the impacts of climate change.
- Co-authored a report which outlined the observed and projected climate trends and the related impacts on freshwater, marine, terrestrial, and human ecosystems within the Puget Sound region.

Communications | Northwest Climate Science Center | (Seattle, WA) | Dec. 2014 – July 2015

- Identified studies, publications, and events relating to climate change in the Pacific Northwest; planned, coordinated, and executed media outreach to increase regional coverage.
- Assisted in the organization and planning of the Northwest Climate Science Center's Climate Boot Camp, a workshop designed to train graduate students and young career professionals to work at the interface of scientific research and resource management decision-making.

Graduate Thesis Researcher | University of Michigan | (Ann Arbor, MI) | Sept. 2012 – Dec. 2014

- Analyzed and consolidated 10 years of morphometric and reproductive data on the mountain white-crowned sparrow population at the Rocky Mountain Biological Laboratory.
- Wrote grants which secured \$7,000 for a research project evaluating the impact of parasitemia and nutrition status on body condition within Gunnison National Forest, CO.

Graduate Student Instructor | University of Michigan | (Ann Arbor, MI) | Sept. 2013 – Apr. 2014

- Organized and led computer lab sections; Natural Resource Statistics and Ecology.

Data Analyst | University of Michigan | (Ann Arbor, MI) | Jan. – Aug. 2013

- Compiled datasets and from Department of Natural Resources fish survey reports and analyzed fish catch species compositions within each of the Great Lakes.
- Generated 60 detailed species harvest tables and pie charts that evaluated how fish catch, composition, and fishing effort trends changed in the Great Lakes over the past 30 years.

SELECTED REPORTS

Morgan, H., and M. Krosby. 2017. Nooksack Indian Tribe Natural Resources Climate Change Vulnerability Assessment. Climate Impacts Group, University of Washington.

Morgan, H., R. Norheim, and M. Krosby, and. 2017. Maps of Climate and Hydrologic Change for the Nooksack River Watershed. Climate Impacts Group, University of Washington.

Whitley Binder, L., **H. Morgan**, and D. Siemann. 2017. *Preparing Washington State Parks for Climate Impacts: A Climate Change Vulnerability Assessment for Washington State Parks*. A collaboration of the Washington State Parks and Recreation Commission and the University of Washington Climate Impacts Group. Seattle, WA. <https://doi.org/10.7915/CIG6B27QV>

Petersen, S., Bell, J., Hauser, S., **Morgan, H.**, Krosby, M., Rudd, D., Sharp, D., Dello, K., and Whitley Binder, L., 2017. Upper Snake River Climate Change Vulnerability Assessment. Upper Snake River Tribes Foundation and Member Tribes. Available: <http://www.uppersnakerivertribes.org/climate/>

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- Whitely Binder, L., **H. Morgan**, M. Krosby, J. Sevigny, A. Summers, and T. Neuffer. 2017. Stillaguamish Tribe of Indians Natural Resources Climate Change Adaptation Plan. A collaboration of the Stillaguamish Natural Resources Department and the University of Washington Climate Impacts Group. Seattle, WA.
- Petersen, S., Nasser, E., Stone, D., Krosby, M., **Morgan, H.**, Rupp, D., Sharp, D., Dello, K., and Whitley Binder, L., 2017. Shoshone-Bannock Tribes Climate Change Vulnerability Assessment and Adaptation Plan. Shoshone-Bannock Tribes. Available at: <http://www.shoshonebannocktribes.com/>
- Krosby, M., Michalak, J., Robbins, T.O., **Morgan, H.**, Norheim, R., Mauger, G., and T. Murdock. 2016. *The Washington - British Columbia Transboundary Climate - Connectivity Project: Identifying climate impacts and adaptation actions for wildlife habitat connectivity in the transboundary region of Washington and British Columbia*. Climate Impacts Group, University of Washington.
- Krosby, M., **H. Morgan**, M. Case, and L. Whitely Binder. 2016. *Stillaguamish Tribe Natural Resources Climate Change Vulnerability Assessment*. Climate Impacts Group, University of Washington, Seattle.
- Mauger, G.S., J.H. Casola, **H.A. Morgan**, R.L. Strauch, B. Jones, B. Curry, T.M. Busch Isaksen, L. Whitely Binder, M.B. Krosby, and A.K. Snover. 2015. *State of Knowledge: Climate Change in Puget Sound*. Climate Impacts Group, University of Washington, Seattle.

PRESENTATIONS

- “Probabilistic Projections of Absolute SLR in WA: The Devil is in the Deep Tail.” October 2017. Northwest Climate Conference. Tacoma, WA.
- “Climate Change Impacts in Washington State.” June 2017. Washington Association of District Employees Annual Conference. Leavenworth, WA.
- “What are we preparing for: How have we been affected by climate in WA? & What do we expect to see in the coming decades?” May 2017. Washington Public Ports Association Spring Meeting. Cle Elum, WA.
- “Probabilistic Projections: Sea Level Rise in WA Coastal Communities.” April 2017. NW CSC’s Open House on Sea Level Rise. Seattle, WA.
- “Climate Change in Puget Sound: from the Snowcaps to the Whitecaps.” March 2016. Sound Water Stewards. Deception Pass State Park, WA.
- “Global Climate Change: Impacts for the Pacific Northwest.” September 2015. Island County Beach Watchers. Whidbey Island, Washington.
- “Effects of Avian Malaria and Food Supplementation on Reproductive Success in White-Crowned Sparrows.” Aug. 2014. Poster - Ecological Society of America, San Francisco, CA.

SKILLS

- **Analysis/Data Interpretation Skills:** R, Python, ArcGIS, NatureServe’s CCVI, Data Basin, openBUGS
- **Graphics:** Adobe Suite
- **Web Development:** WordPress