



**UNITED STATES DEPARTMENT OF COMMERCE**  
**National Oceanic and Atmospheric Administration**  
*National Marine Fisheries Service*  
P.O. Box 21668  
Juneau, AK 99802-1668

March 28, 2024

Mr. David Witherell, Executive Director  
North Pacific Fishery Management Council  
1007 West Third Ave., Suite 400  
L92 Building, 4th floor  
Anchorage, Alaska 99501-2252

Dear Mr. Witherell:

We recommend that the North Pacific Fishery Management Council add Andrew Olson to the Bering Sea/Aleutian Islands Crab Plan Team. Mr. Olson has relevant expertise in crab life history and crab fishery management. Mr. Olson was employed by the Alaska Department of Fish and Game from 2009 to 2023 in a number of positions including Groundfish-Shellfish Management and Research Coordinator, Groundfish Project Leader and Shellfish Management and Research Biologist II. I have enclosed Mr. Olson's resume for your consideration.

Sincerely,

A handwritten signature in blue ink, appearing to read "Jonathan M. Kurland".

Jonathan M. Kurland  
Regional Administrator

Enclosure



# ANDREW PHILLIP OLSON

## Fisheries Management & Research Biologist

✉ andrew.olson@noaa.gov    📞 (907) 586-7459    📍 Juneau, Alaska    🌐 github.com/apolson8

## EDUCATION

### Master of Science (Fisheries)

#### University of Alaska Fairbanks

📅 2012–2016    📍 Fairbanks, Alaska

- Thesis: Spatial Variability in Size at Maturity and Reproductive Timing of Golden King Crab (*Lithodes aequispinus*) in Southeast Alaska

### Bachelor of Science (Marine Biology)

#### University of Alaska Southeast

📅 2005–2008    📍 Juneau, Alaska

### Cascadia Community College

📅 2003–2005    📍 Bothell, Washington

## STRENGTHS

Hard-Working    Leader & Motivator

Exceptional Communicator

Self-Starter    Independent Worker

Tech Savvy    Strong Negotiator

## TECHNICAL SKILLS

R statistical software    ●●●●●○  
R Markdown    ●●●●●○  
Microsoft Office    ●●●●●●  
Google Docs, Slides, Sheets    ●●●●●●  
Latex typesetting software    ●●●●○●

## EXPERIENCE

### Fishery Management Specialist

#### NOAA Fisheries

📅 August 2023 – Present    📍 Juneau, Alaska

- Member of the Catch-Shares Section specializing in catch-share program fishery management strategies and policies of the North Pacific/Alaska.
- Conducts comprehensive policy and regulatory research to inform the North Pacific Fishery Management Council.
- Collaborates with government agencies, industry stakeholders, and the general public to develop and implement policies promoting responsible fisheries management in accordance with national policies.
- Participates in and presents policy research and analyses at the North Pacific Fishery Management Council meetings.

### Groundfish-Shellfish Management & Research Coordinator

#### Alaska Department of Fish and Game

📅 April 2019 – August 2023    📍 Juneau, Alaska

- Supervised regional management and research programs for groundfish and shellfish fisheries consisting of 12 staff across multiple ports.
- Oversight of project budgets and proposals ensuring funding matches expenditure needs.
- Analyzed and reviewed data for research and stock assessment surveys to inform fishery management decisions.
- Fishery regulatory and management history expert.
- Leadership Plan Team member for the ADF&G Statewide Rockfish Initiative.
- Communicated and collaborated with fishery scientists, stakeholders, and the general public on issues relating to fishery regulations, harvest objectives, and stock assessment methodologies.
- Regional editor for stock assessment analyses, operational plans, and management reports for groundfish and shellfish fisheries.
- Groundfish and Scallop Plan Team member for the North Pacific Fishery Management Council.
- Oversight and participation in preparing and commenting on regulatory proposals for the Alaska Board of Fisheries.
- Collaborated with stakeholders in developing harvest strategies and management tools for Southeast Alaska king crab fisheries.

### Groundfish Project Leader

#### Alaska Department of Fish and Game

📅 March 2016 – April 2019    📍 Juneau, Alaska

- Supervised and led a team of seven staff across multiple ports with an annual budget of \$1.3 million.
- Served as principal investigator on stock assessment surveys (yelloweye rockfish ROV, sablefish longline and marking survey) and supervising biologists in the field.
- Analyzed fishery dependent and independent data, authored scientific reports, and presented research at professional and fishing industry meetings.
- Recommended and managed in-season harvest quotas for groundfish fisheries.

- Collaborated with the public on developing policy decisions.
- Recommended and presented policy alternatives to the Alaska Board of Fisheries.
- Served on US-Canada Technical Sub-Committee Team and ADF&G Statewide Rockfish Initiative.
- Collaborated with university, federal, and international scientists on current fisheries issues.
- Developed and conducted public outreach through local schools, newsletters, and social media on groundfish research.

## Shellfish Management & Research Biologist II

### Alaska Department of Fish and Game

📅 Sept. 2011 – March 2016

📍 Juneau, Alaska

- Project lead for golden king crab observer program.
- Co-lead for red king and Tanner crab stock assessment surveys.
- Assisted in managing of the king (golden, red, & blue), Tanner, and Dungeness crab fisheries in Southeast Alaska.
- Analyzed and reviewed stock assessment data and collaborated with other biologists to make fishery management decisions.
- Developed mobile survey application in ArcPad for in-season management of SE Alaska crab species.
- Participated in the Alaska Board of Fisheries regulatory process by reviewing and commenting on public proposals to regulations.
- Presented research at professional conferences and public meetings.
- Authored and edited fisheries reports.

## Shellfish Research Biologist I

### Alaska Department of Fish and Game

📅 June 2009 – Sept. 2011

📍 Juneau, Alaska

- Project lead for the golden king crab observer program.
- Assistant biologist for the red king crab stock assessment survey.
- Organized logistics and prepared gear for field work.
- Supervised biologists in the field.
- Participated in field work for multiple species (golden and red king crab, Tanner crab, and spot shrimp).

## Fish and Wildlife Technician II

### Alaska Department of Fish and Game

📅 Jan. 2009 – May 2009

📍 Juneau, Alaska

- Analyzed Tanner and snow crab reproductive potential through the analysis of shell condition, egg viability, and sperm cell counts.
- Assisted in collections of crabs from pots using a small vessel.
- Collected blood samples from crabs for further analysis of bitter crab disease.

## PUBLICATIONS

1. Bishop, G., C. Siddon, and **A. Olson**. 2013. Southeast Alaska Tanner crab survey and stock health prior to the 2011/2012 season. Alaska Department of Fish and Game, Division of Commercial Fisheries, Regional Information Report 1J13-03, Douglas.
2. Ehresmann, R., and **A. Olson**. 2021. Northern Southeast Inside Subdistrict sablefish management plan and stock assessment for 2021. Alaska Department of Fish and Game, Division of Commercial Fisheries, Regional Information Report 1J21-13, Douglas.
3. Ehresmann, R., and **A. Olson**. 2022. 2022 Southern Southeast Inside Subdistrict Sablefish fishery management plan. Alaska Department of Fish and Game, Division of Commercial Fisheries, Regional Information Report No. 1J22-18, Douglas.
4. Ehresmann, R. K., and **A. P. Olson**. 2021. 2021 Southern Southeast Inside Subdistrict Sablefish Fishery Management Plan. Alaska Department of Fish and Game, Division of Commercial Fisheries, Regional Information Report 1J21-12, Douglas.
5. Ehresmann, R., **A. Olson**, and J. Sullivan. 2020. 2020 Southern Southeast Inside Subdistrict Sablefish Fishery Management Plan. Alaska Department of Fish and Game, Regional Information Report No. 1J20-10, Douglas, Alaska.
6. Howard, K. G., S. Campen, F.R. Bowers, R.E. Chadwick, J.W. Erickson, J.J. Hasbrouck, T.R. McKinley, J. Nichols, N. Nichols, **A. Olson**, J. Rumble, T. T. Taube, and B. Williams. 2019. ADF&G Statewide Rockfish Initiative: Strategic plan 2017-2020. Alaska Department of Fish and Game, Division of Commercial Fisheries, Regional Information Report 5J19-05.
7. Howard, K. G., C. Habicht, E. Russ, **A. Olson**, J. Nichols, and M. Schuster. 2019. Operational Plan: Genetic sampling of yelloweye and black rockfish from inside and outside waters of Prince William Sound, North Gulf of Alaska, and Southeast Alaska. Alaska Department of Fish and Game, Regional Operational Plan ROP.SF.4A.2019.01, Anchorage.

8. Howard, K. G., C. Worton, E. Russ, J. Nichols, **A. Olson**, K. Wood, M. Schuster, K. Reppert, T. Tydingco, M. Byerly, and S. Campen. 2019. Alaska Department of Fish and Game statewide rockfish initiative. Alaska Department of Fish and Game, Special Publication No. 19-09, Anchorage.
9. Noever, C., **A. Olson** and H. Glenner, 2016. Two new cryptic and sympatric species of the king crab parasite *Briarosaccus* (Cirrepedia: Rhizocephala) in the North Pacific. *Zoological Journal of the Linnean Society*, 176: 3-14.
10. Messmer, A., G. Bishop, J. Bednarski, Siddon, C., and **A. Olson**. 2010. 2010. Southeast Alaska golden king crab onboard observer program methods. Alaska Department of Fish and Game, Division of Commercial Fisheries, Regional Information Report 1J10-17, Douglas.
11. Messmer, A. and **A. Olson**. 2010. Golden king crab observer summary report, 1999/00 through 2008/09 seasons. Alaska Department of Fish and Game, Regional Information Report 1J10-18, Douglas.
12. Messmer, A., J. Stratman, **A. Olson**, K. Wood, K. Palof, and D. Harris. 2014. Annual management report for the 2013/2014 Southeast Alaska/Yakutat red and blue king crab fisheries. Alaska Department of Fish and Game, Fishery Management Report No. 14-49, Anchorage.
13. Messmer, A., J. Stratman, K. Palof, and **A. Olson**. 2021. Management report for the Southeast Alaska and Yakutat red and blue king crab fisheries, 2017/18–2019/20. Alaska Department of Fish and Game, Fishery Management Report No. 21-08, Anchorage.
14. **Olson, A.**, and A. Baldwin. 2018. *Eptatretus* spp. (Hagfish) occurrence in Southern Southeast Alaska. Alaska Department of Fish and Game, Regional Operational Plan ROP.CF.1J.2018.02, Douglas.
15. **Olson, A.** and G. Bishop. 2012. Southeast Alaska golden king crab onboard observer program report for 1998 through 2010 seasons. Alaska Department of Fish and Game, Division of Commercial Fisheries, Regional Information Report 1J12-11, Douglas.
16. **Olson, A.**, and K. Carroll. 2017. Southern Southeast Inside (Clarence Strait) sablefish longline survey. Alaska Department of Fish and Game, Regional Operational Plan ROP.CF.1J.2017.03, Anchorage.
17. **Olson, A.**, J. Stahl, M. Vaughn, K. Carroll, and A. Baldwin. 2017. Annual management report for the Southeast Alaska and Yakutat groundfish fisheries, 2017. Alaska Department of Fish and Game, Fishery Management Report No. 17-54, Anchorage.
18. **Olson, A.**, J. Stahl, B. Williams, S. Meyer, and M. Jaenicke. 2017. Chapter 14: Assessment of the demersal shelf rockfish stock complex in the southeast outside subdistrict of the Gulf of Alaska. Pages 1153–1168 in Stock Assessment and Fishery Evaluation Report for the Groundfish Resources of the Gulf of Alaska. North Pacific Fishery Management Council, Anchorage, AK.
19. **Olson, A.**, and J. Stratman. 2022. 2021 Golden king crab stock status and management plan for the 2022 season. Alaska Department of Fish and Game, Division of Commercial Fisheries, Regional Information Report No. 1J22-14, Douglas, Alaska.
20. **Olson, A.**, J. Stratman, A. Messmer, and K. Wood. 2014. Annual management report for the 2013/2014 Southeast Alaska/Yakutat golden king crab fisheries. Alaska Department of Fish and Game, Fishery Management Report No. 14-51, Anchorage.
21. **Olson, A.**, and J. Sullivan. 2019. 2019 Southern Southeast Inside Subdistrict sablefish fishery management plan. Alaska Department of Fish and Game, Regional Information Report No. 1J18-07, Douglas, Alaska.
22. **Olson, A.**, K. Van Kirk, J. Stahl, S. Meyer, and M. Jaenicke. 2016. Chapter 14: Assessment of the demersal shelf rockfish stock complex in the southeast outside district of the Gulf of Alaska. Pages 565–608 in Stock Assessment and Fishery Evaluation Report for the Groundfish Resources of the Gulf of Alaska. North Pacific Fishery Management Council, Anchorage, AK.
23. **Olson, A.**, B. Williams, and M. Jaenicke. 2018. Chapter 14: Assessment of the demersal shelf rockfish stock complex in the southeast outside subdistrict of the Gulf of Alaska. Stock Assessment and Fishery Evaluation Report for the Groundfish Resources of the Gulf of Alaska. North Pacific Fishery Management Council, Anchorage, AK.
24. **Olson, A.P.**, C.E. Siddon, G.L. Eckert. 2018. Spatial variability in size at maturity of golden king crab (*Lithodes aequispinus*) and implications for fisheries management. *Royal Society of Open Science*, 5: 171802.
25. Palof, K., **A. Olson**, and J. Stratman. 2022. 2021 Southeast Alaska Tanner crab stock health assessment and management plan for the 2022 season. Alaska Department of Fish and Game, Division of Commercial Fisheries, Regional Information Report No. 1J22-11, Douglas.
26. Rebert, A., J. Stratman, K. Palof, A. Messmer, and **A. Olson**. 2021. Management report for the Southeast Alaska and Yakutat Tanner crab fisheries, 2017/18–2019/20. Alaska Department of Fish and Game, Fishery Management Report No. 21-15, Anchorage.
27. Stratman, J., A. Messmer, G. Bishop, C. Siddon, **A. Olson**. 2011. 2012 Report to the Alaska Board of Fisheries on South-

- east Alaska/Yakutat king crab fisheries. Alaska Department of Fish and Game, Fishery Management Report No. 11-68, Anchorage.
28. Stratman, J., A. Messmer, **A. Olson**, K. Wood., and S. Kelley. 2014. Annual Management Report for the 2013/2014 Southeast Alaska/Yakutat Dungeness crab fisheries. Alaska Department of Fish and Game, Fishery Management Report No. 14-52, Anchorage.
  29. Stratman, J., **A. Olson**, and K. Palof. 2021. 2020 Golden king crab stock status and management plan for the 2020/2021 season. Alaska Department of Fish and Game, Regional Information Report No. 1J21-10, Douglas, Alaska.
  30. Sullivan, J., **A. Olson**, and B. Williams. 2019. 2018 Northern Southeast Inside Subdistrict sablefish fishery stock assessment and 2019 management plan. Alaska Department of Fish and Game, Regional Information Report 5J19-03, Juneau.
  31. Wood, K., **A. Olson**, B. Williams, and M. Jaenicke. 2019. Chapter 14: Assessment of the demersal shelf rockfish stock complex in the southeast outside subdistrict of the Gulf of Alaska. Stock Assessment and Fishery Evaluation Report for the Groundfish Resources of the Gulf of Alaska. North Pacific Fishery Management Council, Anchorage, AK.
  32. Wood, K., J. Stratman, A. Messmer, **A. Olson**, and K. Palof. 2014. Annual Management Report for the 2013/2014 Southeast Alaska/Yakutat Tanner Crab Fisheries. Alaska Department of Fish and Game, Fishery Management Report No. 14-50, Anchorage.