

1. NAME: Martin William Dorn

2. PROFESSIONAL ADDRESS:

University of Washington
School of Aquatic & Fishery Sciences
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3. CURRENT TITLE/POSITION: Affiliate Associate Professor

4. EDUCATIONAL HISTORY

1998 Ph.D. Fisheries, University of Washington.

1989 M.Sc. Biomathematics, University of Washington

1979 B.Sc. Fisheries, University of Washington

Other training (since 2008):

Workshop at UW on Introductory TMB (and ADMB comparison) taught by Arni Magnusson, Feb 8-12, 2016.

ICES training course Model development in fish stock assessment: ADMB, TMB, and SAM, Nov 2-6, 2015, Copenhagen.

5. PROFESSIONAL HISTORY

2022-present Affiliate Associate Professor, University of Washington, SAFS.

1988-2022 Fishery Biologist (Research), Alaska Fisheries Science Center

1985-1988 Graduate student, University of Washington

1981-1985 Salmonid research technician, Washington Department of Fish and Wildlife

1978-1980 Foreign fisheries observer

6. PUBLICATIONS

6a. Peer Reviewed Publications

6a.i Papers published in peer reviewed journals or book chapters

1. **Dorn, M.W.** and C. L. Barnes. 2022. Time-varying predation as a modifier of constant natural mortality for Gulf of Alaska walleye pollock. *Fisheries Research*. 254,106391, <https://doi.org/10.1016/j.fishres.2022.106391>
2. Shotwell, S.K., Pirtle, J.L., Watson, J.T., Deary, A.L., Doyle, M.J., Barbeaux, S.J., **Dorn, M.**, Gibson, G.A., Goldstein, E., Hanselman, D.H., Hermann, A.J., Hulson, P.J.F., Laurel, B., Moss, J.H., Ormseth, O., Robinson, D., Rogers, L.A., Rooper, C.N., Spies, I., Strasburger, W., Suryan, R.M., Vollenweider, J.J., 2022. Synthesizing integrated ecosystem research to create informed stock-specific indicators for next generation stock assessments, *Deep-Sea Research Part II*, doi: <https://doi.org/10.1016/j.dsr2.2022.105070>.
3. Sydeman, W. J., S. A. Thompson, J. F. Piatt, S.G. Zador, and **M. W. Dorn**. 2022. Integrating seabird dietary and groundfish stock assessment data: Can puffins predict pollock in the Northeast Pacific? *Fish and Fisheries*. *Fish and Fisheries* 23:213–226.
4. Spies, I, M. Canino, **M. Dorn**, I. Jimenez-Hidalgo, L. Hauser. 2022. Growth patterns of larval walleye pollock *Gadus chalcogrammus* from core and peripheral habitat differ in response to temperature. *Deep-Sea Research Part II* 199, 105083, <https://doi.org/10.1016/j.dsr2.2022.105083>
5. Adams, G. D., K. K. Holsman, S. J. Barbeaux, **M. W. Dorn**, J. N. Ianelli, I. Spies, I. J. Stewart, A. E. Punt. 2022. An ensemble approach to understand predation mortality for groundfish in the Gulf of Alaska. *Fisheries Research* 251, 106303, <https://doi.org/10.1016/j.fishres.2022.106303>.
6. Suryan, R. plus 49 co-authors including **Dorn, M.W.** 2021. Ecosystem response to a prolonged marine heatwave in the Gulf of Alaska. *Communications Biology*
7. Barnes, C. L., A. H. Beaudreau, **M. W. Dorn**, K. K. Holsman, and F. J. Mueter. 2020. Development of a predation index to assess trophic stability in the Gulf of Alaska. *Ecological Applications* 30(7):1-17, e02141. <https://doi.org/10.1002/eap.2141>
8. **Dorn, M.W.** and S.G. Zador. 2020. A risk table to address concerns external to stock assessments when developing fisheries harvest recommendation. *Ecosystem health and sustainability* 6-1:1-11. <https://doi.org/10.1080/20964129.2020.1813634>.
9. Thorson, J.T., **M.W. Dorn** and O.S. Hamel. 2018. Steepness for West Coast rockfishes: result from a twelve-year experiment in iterative regional meta-analysis. *Fisheries Research*. <https://doi.org/10.1016/j.fishres.2018.03.014>
10. Matson, S.E., I.G. Taylor, V.V. Gertseva, and **M.W. Dorn**. 2017. Novel catch projection model for a commercial groundfish catch shares fishery. *Ecological Modeling* 349:51-61.
11. Woillez, M., Walline, P. D., Ianelli, J. N., **Dorn, M.W.**, Wilson, C. D., and Punt, A. E. 2016. Evaluating total uncertainty for biomass- and abundance-at-age estimates from eastern

Bering Sea walleye pollock acoustic-trawl surveys. *ICES Journal of Marine Science*, doi: 10.1093/icesjms/fsw054.

12. Williams, B.C., Kruse, G.H., **Dorn, M.W.** 2016. Interannual and spatial variability in maturity of walleye pollock *Gadus chalcogrammus* and implications for spawning stock biomass estimates in the Gulf of Alaska. *PLOS One*. DOI:10.1371/journal.pone.0164797.
13. Punt, A.E., and **M.W. Dorn**. 2014. Comparisons of meta-analytic methods for deriving a probability distribution for the steepness of the stock-recruitment relationship. *Fisheries Research* 149:43-54.
14. Barbeaux, S. J., Horne, J. K., and **Dorn, M. W.** 2013. Characterizing walleye pollock (*Theragra chalcogramma*) winter distribution from opportunistic acoustic data. – *ICES Journal of Marine Science*, 70: 1162–1173.
15. Spencer, P.D., and **M.W. Dorn**. 2013. Incorporation of weight-specific relative fecundity and maternal effects in larval survival into stock assessments. *Fish. Res.* 138:159-167.
16. Forrest, R.E., M. K. McAllister, **M. W. Dorn**, S. D. Martell and R. D. Stanley. 2010. Hierarchical Bayesian estimation of recruitment parameters and reference points for Pacific rockfishes (*Sebastes* spp.) under alternative assumptions about the stock recruit function. *Canadian Journal of Fisheries and Aquatic Sciences*. 67: 1611–1634.
17. A'mar, Z.T., A.E. Punt, and **M.W. Dorn**. 2009. Incorporating ecosystem forcing through predation into a management strategy evaluation for the Gulf of Alaska walleye pollock (*Theragra chalcogramma*) fishery. *Fisheries Research* 102(1):98-114.
18. Haltuch, M.A., A.E. Punt, and **M.W. Dorn**. 2009. Evaluating the estimation of fishery management reference points in a variable environment. *Fisheries Research* 100:42-56.
19. A'mar, Z.T., A.E. Punt, and **M.W. Dorn**. 2009. The evaluation of two management strategies for the Gulf of Alaska walleye pollock fishery under climate change. *ICES Journal of Marine Science*, 66: 1614–1632.
20. A'mar, Z.T., A.E. Punt, and **M.W. Dorn**. 2009. The impact of regime shifts on the performance of management strategies for the Gulf of Alaska walleye pollock fishery. *Canadian Journal of Fisheries and Aquatic Sciences* 66:2222-2242.
21. Shen, H. **M.W. Dorn**, V. Wespestad, and T.J. Quinn. 2009. Schooling pattern of eastern Bering Sea walleye pollock and its effect on fishing behaviour. *ICES Journal of Marine Science*, 66:1284-1288.
22. A'mar, Z.T., A.E. Punt, and **M.W. Dorn**. 2008. The management strategy evaluation approach and the fishery for walleye pollock in the Gulf of Alaska. In *Resiliency of Gadid stocks to fishing and climate change*. Alaska Sea Grant AK-SG-08-01:317-346.

23. Shen, H., T.J. Quinn, V. Wespestad, **M.W. Dorn**, and M. Kookesh. 2008. Using acoustic to evaluate the effect of fishing on school characteristics of walleye pollock. In Resiliency of Gadid stocks to fishing and climate change. Alaska Sea Grant AK-SG-08-01:125-140.
24. J.R. Bence, **M.W. Dorn**, B.J. Irwin, and A.E. Punt. 2008. Recent advances in the evaluation and implementation of harvest policies. Fisheries Research 94: 207-209
25. Punt, A.E, **M.W. Dorn**, and M.A. Haltuch. 2008. Evaluation of threshold management strategies for groundfish off the U.S. west coast. In Advances in the analysis and application of harvest policies in the management of fisheries. Fisheries Research, Special Issue, 94(3)251-266.
26. Spencer, P., D. Hanselman, and **M. Dorn**. 2007. The effect of maternal age of spawning on estimation of Fmsy for Alaska Pacific Ocean perch. In Biology, assessment and management of North Pacific rockfish. Alaska Sea Grant AK-SK-07-01:513-533.
27. Kimura, D.K., and **M. W. Dorn**. 2006. Parameterizing probabilities for estimating age-composition distributions for mixture model. Fish. Bull. U.S. 104: 303-305.
28. Minte-Vera, C.V., T.A. Branch, I.J. Stewart, **M.W. Dorn**. 2005. Practical application of meta-analysis results: avoiding the double use of data. Can. J. Fish. Aquat. Sci. 62:925-929.
29. Barbeaux, S.J, S. Gaichas, J.N. Ianelli, **M.W. Dorn**. 2005. Evaluation of biological sampling protocols for at-sea groundfish observers in Alaska. Alaska Fisheries Research Bulletin 11(2): 82-101.
30. **Dorn, M.W.** 2002. Advice on West Coast rockfish harvest rates from Bayesian meta-analysis of stock-recruit relationships. N. Am. J. Fish. Management 21:280-300.
31. **Dorn, M. W.** 2001. Fishing behavior of individual factory trawlers in the Pacific hake fishery: a hierarchical model of information processing and decision-making. ICES J. of Mar. Sci. 58:238-252.
32. Karp, W. A., C. S. Rose, J. R. Gauvin, S. A. Gaichas, **M. W. Dorn**, and G. D. Stauffer. 2001. Government-industry cooperative fisheries research in the north Pacific under the MSFCMA. Marine Fisheries Review 63(1):40-46.
33. **Dorn, M. W.** and S.K. Gaichas, S.M. Fitzgerald, and S.A. Bibb. 1999. Measuring total catch at sea: use of a motion-compensated flow scale to evaluate observer volumetric methods. N. Am. J. Fish. Management. 19:999-1016.
34. Adlerstein, S. A. and **M. W. Dorn**. 1998. The effect of *Kudoa paniformis* infection on the reproductive effort of female Pacific hake. Can. J. Zoology. 76:2285-2289.
35. **Dorn, M. W.** 1998. Fine-scale fishing strategies of factory trawlers in a midwater trawl fishery for Pacific hake (*Merluccius productus*). Can. J. Fish. Aquat. Sci. 55:180-198.

36. **Dorn, M. W.** 1998. Hierarchical models of fishing behavior by factory trawlers in a mid-water trawl fishery for Pacific hake (*Merluccius productus*). Dissertation, University of Washington, Seattle, WA 98195. 166p.
37. **Dorn, M.W.** 1997. Mesoscale fishing patterns of factory trawlers in the Pacific hake (*Merluccius productus*) fishery. Calif. Coop. Oceanic Fish. Invest. Rep. 38:77-89.
38. **Dorn, M. W.** 1995. The effects of age composition and oceanographic conditions on the annual migration of Pacific whiting *Merluccius productus*. Calif. Coop. Oceanic Fish. Invest. Rep. 36:97-105.
39. Methot, R. D and **M. W. Dorn**. 1995. Biology and fisheries of North Pacific hake (*M. productus*). In J. Alheit and T. J. Pitcher (eds.), Hake: biology, fisheries and markets, p. 389-414. Chapman and Hall, London.
40. **Dorn, M. W.** 1992. Detecting environmental covariates of Pacific whiting (*Merluccius productus*) growth using a growth-increment regression model. Fish. Bull. U.S. 90: 260-275.
41. **Dorn M.W.** 1989. A conditional logistic regression model for the onset of riverine salmon migrations. MS thesis, University of Washington.

6a.ii Peer reviewed symposium volumes

42. J.R. Bence, **M.W. Dorn**, B.J. Irwin, and A.E. Punt (eds.) 2008. Advances in the analysis and application of harvest policies in the management of fisheries. Fisheries Research Special Issue 94(3): 207-394.
43. G.H. Kruse, N. Bez, A. Booth, **M.W. Dorn**, S. Hills, R.N. Lipcius, D. Pelletier, C. Roy, S.J. Smith, and D. Witherell (eds.). 2001. Spatial Processes and Management of Marine Populations. Alaska Sea Grant AK-SG-1-02. 730 p.

6b. Papers submitted to peer reviewed journals

44. Parada, C. G. Gibson, **M. Dorn**, M. Doyle, M. Wilson, W. Stockhausen, S. Hinckley, A. Hermann. In Review. Biophysical gauntlet of walleye pollock in Western Gulf of Alaska in the context of the Gulf of Alaska Integrated Ecosystem Research Program hypotheses. Deep-Sea Research Part II.

6.c. Other papers (Non-peer reviewed articles)

6.c. i Non-peer reviewed articles (Technical Memorandums and other)

1. **Dorn M. W.**, B. S. Fadely, O. A. Ormseth, L. A. Rogers, R. M. Suryan, M. Szymkowiak, R.P. Angliss, M. T. Dalton, B. E. Ferriss, K. K. Holsman, J. Jansen, E. A. Laman, B. J.

Laurel, E. P. Lemagie, M. A. Litzow, J. M. London, D. W. McGowan, J.R. Moran, J. H. Moss, W. A. Palsson, J. L. Pirtle, P. H. Ressler, C. Seung, K. E. W. Shelden, and B. C. Williams. In press. 2022-2024 update to the climate science regional action plan for the Gulf of Alaska. NOAA Tech. Memo. NMFS-AFSC, 94 p.

2. Peterson, J., R. Griffis, P. Woodworth-Jefcoats, A. Jacobs, A. Hollowed, E. Farley, J. Duffy-Anderson, **M. Dorn**, T. Hurst, J. Moss, L. Rogers, K. Shotwell, T. Garfield, R. Zabel, Y. deReynier, E. Shott, L. Crozier, S. Bograd, N. Mantua, J. Samhuri, J. Quinlan, K. Gore, R. Muñoz, J. Leo, L. Waters, M. Burton, V. Saba, D. Borggaard, M. Ferguson, W. Morrison. 2021. NOAA Fisheries Climate Science Strategy Five Year Progress Report. NOAA Tech. Memo. NMFS-F/SPO-228, 157 p.
3. **Dorn, M. W.** 2018. Climate Science—planning for climate change research for the Gulf of Alaska. *Onchorhynchus*, Newsletter of the Alaska Chapter, American Fisheries Society 38(3):1-7.
4. **Dorn, M. W.**, C. J. Cunningham, M. T. Dalton, B. S. Fadely, B. L. Gerke, A.B. Hollowed, K. K. Holsman, J. H. Moss, O. A. Ormseth, W. A. Palsson, P. A. Ressler, L. A. Rogers, M. F. Sigler, P. J. Stabeno, and M. Szymkowiak. 2018. A climate science regional action plan for the Gulf of Alaska. U.S. Dep. Commer., NOAA Tech. Memo. NMFS-AFSC-376, 58 p.
5. Hollowed, A. B., K. Aydin, K. Blackhart, **M. Dorn**, D. Hanselman, J. Heifetz, S. Kasperski, S. Lowe, K. Shotwell. 2017. Discussion Paper: Stock Assessment Prioritization for the North Pacific Fishery Management Council: Methods and Scenarios. 2017. White Paper Submitted to the North Pacific Fishery Management Council, P.O Box 103136, Anchorage, AK 99510. 18p.
6. IFOP (**M. Dorn** contributed to preparation of report). 2014. Revisión de los puntos biológicos de referencia en las pesquerías nacionales. Review of biological reference points in domestic fisheries. Report of the third international workshop held in Viña del Mar by IFOP, August 2014. Instituto de Fomento Pesquero 67p.
7. IFOP (**M. Dorn** contributed to preparation of report). 2014. Revisión de los puntos biológicos de referencia en las pesquerías nacionales. Review of biological reference points in domestic fisheries. Report of the second international workshop held in Viña del Mar by IFOP, April 2014. Instituto de Fomento Pesquero 74p.
8. IFOP (**M. Dorn** contributed to preparation of report). 2013. Revisión de los puntos biológicos de referencia en las pesquerías nacionales. Review of biological reference points in domestic fisheries. Report of the first international workshop held in Viña del Mar by IFOP, December 2013. Instituto de Fomento Pesquero 44p.
9. Wespestad, V and **M. Dorn**. 2013. NMFS Cooperative Research Project: Shumagin Islands Pollock Resource Assessment Survey. Fish News, published April 26, 2013, by the Aleutians East Borough. p. 1-4.

10. Romain, S, **M. Dorn** and V. Wespestad. 2012. Results of cooperative research acoustic surveys of walleye pollock (*Theragra chalcogramma*) in the western Gulf of Alaska from September 2007 to September 2011. U.S. Dep. Commer., NOAA Tech. Memo. NMFS-AFSC-238, 45 p.
11. Berkson, J, L. Barbieri, S Cadrin, S. Cass-Calay, P. Crone, **M. Dorn**, C. Friess, D. Kobayashi, T. J. Miller, W. S. Patrick, S. Pautzke, S. Ralston, M. Trianni. Calculating acceptable biological catch for stocks that have reliable catch data only. 2011. NOAA Technical Memorandum NMFS-SEFSC-616. 44 p.
12. Spencer, P., M. Canino, J. DiCosimo, **M. Dorn**, A.J. Gharret, D. Hanselman, K. Palof. 2010. Guidelines for determination of spatial management units for exploited populations in Alaskan groundfish fishery management plans. White Paper Submitted to the North Pacific Fishery Management Council, P.O Box 103136, Anchorage, AK 99510. 50p.
13. International Council for the Exploration of the Sea (**M. Dorn** listed as contributing author). 2007. Collection of acoustic data from fishing vessels. ICES Coop. Res. Rep. No. 287.
14. Hinckley, S., Parada, C., Horne, J., Hermann, A.J., Megrey, B. and **Dorn, M.** 2008. Walleye Pollock Recruitment and Stock Structure in the Gulf of Alaska: An investigation using a suite of biophysical and individual-based models. Report: North Pacific Research Board Project523, Final Report,108 pages.
15. Hollowed, A. B., **M. W. Dorn** and A. E. Punt. 2008. Panel Report: MSY-related Reference Points. Report prepared for the Ministry of Fisheries, Wellington, New Zealand.
16. **Dorn, M.W.** 2006. Outreach in Alaska Fishing Communities: A pilot project in Sand Point. AFSC Quarterly Research Reports April-June 2006.
17. Barbeaux, S. J. **M. Dorn**, J. Ianelli, and J. Horne. 2005. Visualizing Alaska pollock (*Theragra chalcogramma*) aggregation dynamics. ICES CM 2005/Session U.
18. **Dorn, M.**, J. Boldt, N. Bond, A. Hollowed, J. Ianelli, J. Overland, S. Rodionov, and T. Wilderbuer. 2004. Management implications of low-frequency variability in marine fish survival patterns in the North Pacific. International Council for Exploration of the Sea. CM 2004/ M:10.
19. **Dorn, M.** 2004. Extending separable age-structured assessment model to evaluate trends in juvenile mortality of walleye pollock in the Gulf of Alaska. International Council for Exploration of the Sea. CM 2004/FF:31.
20. Barbeaux, S. J., and **M. W. Dorn.** 2003. Spatial and temporal analysis of eastern Bering

Sea echo integration-trawl survey and catch data of walleye pollock, *Theragra chalcogramma*, for 2001 and 2002, U.S. Dep. Commer., NOAA Tech. Memo. NMFS-AFSC-136, 34 p.

21. **Dorn, M.**, S. Gaichas, S. Fitzgerald, and S. Bibb. 1997. Evaluation of haul weight estimation procedures used by at-sea observers in pollock fisheries off Alaska. U.S. Dep. Commer. NOAA, Proc. Rep. AFSC-97-07, 76 p.
22. **Dorn, M. W.**, S. M. Fitzgerald, M. A. Guttormsen, and M. R. Loefflad. 1995. An Evaluation of AFSC Observer Program Methods of Haul Weight Estimation. U.S. Dep. Commer., NOAA Tech. Memo. NMFS-AFSC-56, 31 p.
23. **Dorn, M. W.** 1991. Spatial and temporal patterns in the catch of Pacific whiting in the U.S. management zone during 1978-88. U.S. Dep. Commer., NOAA Tech. Memo. NMFS F/NWC, 68 p.

6.c. iii Non-peer reviewed articles (Stock Assessments)

1. Monnahan, C., **M. W. Dorn**, G. Correa, A. L. Deary, B. E. Ferriss, B. E. Fissel, M. Levine, D. W. McGowan, L. A. Rogers, S. K. Shotwell, A. Tyrell, and S. G. Zador. 2022. Assessment of the walleye pollock stock in the Gulf of Alaska. In Stock Assessment and Fishery Evaluation Report for the Groundfish Resources of the Gulf of Alaska. North Pacific Fishery Management Council, P.O Box 103136, Anchorage, AK 99510.
2. Monnahan, C., **M. W. Dorn**, A. L. Deary, B. E. Ferriss, B. E. Fissel, T. Honkalehto, D. T. Jones, M. Levine, L. A. Rogers, S. K. Shotwell, A. Tyrell, and S. G. Zador. 2021. Assessment of the walleye pollock stock in the Gulf of Alaska. In Stock Assessment and Fishery Evaluation Report for the Groundfish Resources of the Gulf of Alaska. North Pacific Fishery Management Council, P.O Box 103136, Anchorage, AK 99510.
3. **Dorn, M.W.**, A. L. Deary, B. E. Fissel, D. T. Jones, M. Levine, A. L. McCarthy, W. A. Palsson, L. A. Rogers, S. K. Shotwell, K. A. Spalinger, K. Williams, and S. G. Zador. 2020. Assessment of the walleye pollock stock in the Gulf of Alaska. In Stock Assessment and Fishery Evaluation Report for the Groundfish Resources of the Gulf of Alaska. North Pacific Fishery Management Council, P.O Box 103136, Anchorage, AK 99510.
4. **Dorn, M.W.**, A. L. Deary, B. E. Fissel, D. T. Jones, N. E. Lauffenburger, W. A. Palsson, L. A. Rogers, S. K. Shotwell, K. A. Spalinger, and S. G. Zador. 2019. Assessment of the walleye pollock stock in the Gulf of Alaska. In Stock Assessment and Fishery Evaluation Report for the Groundfish Resources of the Gulf of Alaska. North Pacific Fishery Management Council, P.O Box 103136, Anchorage, AK 99510.
5. **Dorn, M.**, K. Aydin, B. E. Fissel, W. A. Palsson, K. A. Spalinger, S. Stienessen, K. Williams, and S. G. Zador. 2018. Assessment of the walleye pollock stock in the Gulf of

Alaska. In Stock Assessment and Fishery Evaluation Report for the Groundfish Resources of the Gulf of Alaska. North Pacific Fishery Management Council, P.O Box 103136, Anchorage, AK 99510.

6. **Dorn, M.,** K. Aydin, B. E. Fissel, D. Jones, A. McCarthy, W. A. Palsson and K. A. Spalinger. 2017. Assessment of the walleye pollock stock in the Gulf of Alaska. In Stock Assessment and Fishery Evaluation Report for the Groundfish Resources of the Gulf of Alaska. North Pacific Fishery Management Council, P.O Box 103136, Anchorage, AK 99510.
7. **Dorn, M.,** K. Aydin, B. E. Fissel, D. Jones, W. A. Palsson, K. A. Spalinger and S. Stienessen. 2016. Assessment of the walleye pollock stock in the Gulf of Alaska. In Stock Assessment and Fishery Evaluation Report for the Groundfish Resources of the Gulf of Alaska. North Pacific Fishery Management Council, P.O Box 103136, Anchorage, AK 99510.
8. **Dorn, M.,** K. Aydin, D. Jones, A. McCarthy, W. A. Palsson, and K. A. Spalinger. 2015. Assessment of the walleye pollock stock in the Gulf of Alaska. In Stock Assessment and Fishery Evaluation Report for the Groundfish Resources of the Gulf of Alaska. North Pacific Fishery Management Council, P.O Box 103136, Anchorage, AK 99510.
9. **Dorn, M.,** K. Aydin, D. Jones, W. A. Palsson, and K. A. Spalinger. 2014. Assessment of the walleye pollock stock in the Gulf of Alaska. In Stock Assessment and Fishery Evaluation Report for the Groundfish Resources of the Gulf of Alaska. North Pacific Fishery Management Council, P.O Box 103136, Anchorage, AK 99510.
10. **Dorn, M.,** K. Aydin, D. Jones, W. A. Palsson, and K. A. Spalinger. 2013. Assessment of the walleye pollock stock in the Gulf of Alaska. In Stock Assessment and Fishery Evaluation Report for the Groundfish Resources of the Gulf of Alaska. North Pacific Fishery Management Council, P.O Box 103136, Anchorage, AK 99510.
11. **Dorn, M.,** K. Aydin, S. Barbeaux, M. Guttormsen, W. A. Palsson, and K. A. Spalinger. 2012. Assessment of the walleye pollock stock in the Gulf of Alaska. In Stock Assessment and Fishery Evaluation Report for the Groundfish Resources of the Gulf of Alaska. North Pacific Fishery Management Council, P.O Box 103136, Anchorage, AK 99510.
12. **Dorn, M.,** K. Aydin, S. Barbeaux, M. Guttormsen, W. A. Palsson, and K. A. Spalinger. 2011. Assessment of the walleye pollock stock in the Gulf of Alaska. In Stock Assessment and Fishery Evaluation Report for the Groundfish Resources of the Gulf of Alaska. North Pacific Fishery Management Council, P.O Box 103136, Anchorage, AK 99510.
13. **Dorn, M.,** K. Aydin, S. Barbeaux, M. Guttormsen, K. A. Spalinger, and M. Wilkins. 2010. Assessment of the walleye pollock stock in the Gulf of Alaska. In Stock Assessment and Fishery Evaluation Report for the Groundfish Resources of the Gulf of

Alaska. North Pacific Fishery Management Council, P.O Box 103136, Anchorage, AK 99510.

14. **Dorn, M.**, K. Aydin, S. Barbeaux, M. Guttormsen, B. Megrey, K. A. Spalinger, and M. Wilkins. 2009. Assessment of the walleye pollock stock in the Gulf of Alaska. In Stock Assessment and Fishery Evaluation Report for the Groundfish Resources of the Gulf of Alaska. North Pacific Fishery Management Council, P.O Box 103136, Anchorage, AK 99510.
15. **Dorn, M.**, K. Aydin, S. Barbeaux, M. Guttormsen, B. Megrey, K. A. Spalinger, and M. Wilkins. 2008. Gulf of Alaska walleye pollock. In Stock Assessment and Fishery Evaluation Report for the Groundfish Resources of the Gulf of Alaska. North Pacific Fishery Management Council, P.O Box 103136, Anchorage, AK 99510.
16. **Dorn, M.**, K. Aydin, S. Barbeaux, M. Guttormsen, B. Megrey, K. A. Spalinger, and M. Wilkins. 2007. Gulf of Alaska walleye pollock. In Stock Assessment and Fishery Evaluation Report for the Groundfish Resources of the Gulf of Alaska. North Pacific Fishery Management Council, P.O Box 103136, Anchorage, AK 99510.
17. **Dorn, M.**, K. Aydin, S. Barbeaux, M. Guttormsen, B. Megrey, K. A. Spalinger, and M. Wilkins. 2006. Assessment of walleye pollock in the Gulf of Alaska. In Stock Assessment and Fishery Evaluation Report for the Groundfish Resources of the Gulf of Alaska. North Pacific Fishery Management Council, P.O Box 103136, Anchorage, AK 99510.
18. **Dorn, M.**, K. Aydin, S. Barbeaux, M. Guttormsen, B. Megrey, K. A. Spalinger, and M. Wilkins. 2005. Assessment of walleye pollock in the Gulf of Alaska. In Stock Assessment and Fishery Evaluation Report for the Groundfish Resources of the Gulf of Alaska. North Pacific Fishery Management Council, P.O Box 103136, Anchorage, AK 99510.
19. **Dorn, M.**, S. Barbeaux, S. Gaichas, M. Guttormsen, B. Megrey, K. A. Spalinger, and M. Wilkins. 2004. Assessment of walleye pollock in the Gulf of Alaska. In Stock Assessment and Fishery Evaluation Report for the Groundfish Resources of the Gulf of Alaska. North Pacific Fishery Management Council, P.O Box 103136, Anchorage, AK 99510.
20. **Dorn, M.**, S. Barbeaux, M. Guttormsen, B. Megrey, A. B. Hollowed, M. Wilkins, and K. Spalinger. 2003. Assessment of walleye pollock in the Gulf of Alaska. In Stock Assessment and Fishery Evaluation Report for the Groundfish Resources of the Gulf of Alaska. North Pacific Fishery Management Council, P.O Box 103136, Anchorage, AK 99510.
21. **Dorn, M.**, S. Barbeaux, M. Guttormsen, B. Megrey, A. B. Hollowed, E. Brown, and K. Spalinger. 2002. Assessment of walleye pollock in the Gulf of Alaska. In Stock Assessment and Fishery Evaluation Report for the Groundfish Resources of the Gulf of

Alaska. North Pacific Fishery Management Council, P.O Box 103136, Anchorage, AK 99510.

22. Helser, T.E, **M.W. Dorn**, M.W. Saunders, C. D. Wilson, M.A. Guttormsen, K. Cooke, and M.E. Wilkins. 2002. Stock assessment of Pacific whiting in U.S. and Canadian waters in 2001. In Pacific Fishery Management Council, Status of the Pacific Coast groundfish fishery through 2001 and recommended acceptable biological catches in 2002 (Document prepared for the Council and its advisory entities.) Pacific Fishery Management Council, 2130 SW Fifth Avenue, Suite 224, Portland, OR 97201.
23. **Dorn, M.**, A. B. Hollowed, E. Brown, B. Megrey, C. Wilson, and J. Blackburn. 2001. Assessment of walleye pollock in the Gulf of Alaska. In Stock Assessment and Fishery Evaluation Report for the Groundfish Resources of the Gulf of Alaska. North Pacific Fishery Management Council, P.O Box 103136, Anchorage, AK 99510.
24. Helser, T.E, **M.W. Dorn**, M.W. Saunders, and R.D. Methot. 2001. Pacific whiting assessment update for 2000. In Pacific Fishery Management Council, Status of the Pacific Coast groundfish fishery through 2000 and recommended acceptable biological catches in 2001 (Document prepared for the Council and its advisory entities.) Pacific Fishery Management Council, 2130 SW Fifth Avenue, Suite 224, Portland, OR 97201.
25. **Dorn, M.**, A. B. Hollowed, E. Brown, B. Megrey, C. Wilson, and J. Blackburn. 2000. Walleye Pollock. In Stock Assessment and Fishery Evaluation Report for the Groundfish Resources of the Gulf of Alaska. North Pacific Fishery Management Council, P.O Box 103136, Anchorage, AK 99510.
26. **Dorn, M.**, A. B. Hollowed, E. Brown, B. Megrey, C. Wilson, and J. Blackburn. 1999. Walleye Pollock. In Stock Assessment and Fishery Evaluation Report for the Groundfish Resources of the Gulf of Alaska. North Pacific Fishery Management Council, P.O Box 103136, Anchorage, AK 99510.
27. **Dorn, M. W.**, M. W. Saunders, C. D. Wilson, M. A. Guttormsen, K. Cooke, R. Kieser, and M. E. Wilkins. 1999. Status of the coastal Pacific hake/whiting stock in U.S. and Canada in 1998. In Pacific Fishery Management Council, Appendix: Status of the Pacific Coast groundfish fishery through 1998 and recommended acceptable biological catches in 1999: Stock assessment and fishery evaluation. Pacific Fishery Management Council, 2130 SW Fifth Avenue, Suite 224, Portland, OR 97201.
28. **Dorn, M. W.** and M. W. Saunders. 1997. Status of the coastal Pacific whiting stock in U.S. and Canada in 1997. In Pacific Fishery Management Council, Appendix: Status of the Pacific Coast groundfish fishery through 1997 and recommended acceptable biological catches in 1998: Stock assessment and fishery evaluation. Pacific Fishery Management Council, 2130 SW Fifth Avenue, Suite 224, Portland, OR 97201.
29. **Dorn, M. W.** 1996. Status of the coastal Pacific whiting resource in 1996. In Pacific Fishery Management Council, Appendix Volume I: Status of the Pacific Coast

groundfish fishery through 1996 and recommended acceptable biological catches in 1997, p. A1-A77. (Document prepared for the Council and its advisory entities.) Pacific Fishery Management Council, 2130 SW Fifth Avenue, Suite 224, Portland, OR 97201

- 30. Dorn, M. W.** 1995. Status of the coastal Pacific whiting resource in 1995. In Pacific Fishery Management Council, Appendix Volume I: Status of the Pacific Coast groundfish fishery through 1995 and recommended acceptable biological catches in 1996. (Document prepared for the Council and its advisory entities.) Pacific Fishery Management Council, 2130 SW Fifth Avenue, Suite 224, Portland, OR 97201
- 31. Dorn, M. W.** 1994. Status of the coastal Pacific whiting resource in 1994. In Pacific Fishery Management Council, Appendix Volume I: Status of the Pacific Coast groundfish fishery through 1994 and recommended acceptable biological catches in 1995. (Document prepared for the Council and its advisory entities.) Pacific Fishery Management Council, 2130 SW Fifth Avenue, Suite 224, Portland, OR 97201
- 32. Dorn, M. W., E. P. Nunnallee, C. D. Wilson and M. W. Wilkins.** 1994. Status of the coastal Pacific whiting resource in 1993. U.S. Dep. Commer., NOAA Tech. Memo. NMFS F/AFSC-47, 101 p.
- 33. Dorn, M. W.** 1993. Pacific cod. In L-L. Low (coordinator), Status of living marine resources off the Pacific Coast of the United States for 1993, p. 17-18. U.S. Dep. Commer., NOAA Tech. Memo. NMFS-AFSC-26.
- 34. Dorn, M. W.** 1993. English sole. In L-L. Low (coordinator), Status of living marine resources off the Pacific Coast of the United States for 1993, p. 45-46. U.S. Dep. Commer., NOAA Tech. Memo. NMFS-AFSC-26.
- 35. Dorn, M. W. and R. D. Methot.** 1992. Status of the coastal Pacific whiting resource in 1992. In Pacific Fishery Management Council, Appendix Volume I: Status of the Pacific Coast groundfish fishery through 1992 and recommended acceptable biological catches in 1993. (Document prepared for the Council and its advisory entities. Pacific Fishery Management Council, 2130 SW Fifth Avenue, Suite 224, Portland, OR 97201.
- 36. Dorn, M. W. and R. D. Methot.** 1991. Status of the coastal Pacific whiting resource in 1991. In Pacific Fishery Management Council, Appendix Volume I: Status of the Pacific Coast groundfish fishery through 1991 and recommended acceptable biological catches in 1992. (Document prepared for the Council and its advisory entities.) Pacific Fishery Management Council, 2130 SW Fifth Avenue, Suite 224, Portland, OR 97201.
- 37. Dorn, M.** 1991. Pacific cod. In L-L. Low (editor), Status of living marine resources off the Pacific Coast of the United States as assessed in 1991, p. 14-15. U.S. Dep. Commer., NOAA Tech. Memo. NMFS-F/NWC-210.
- 38. Dorn, M.** 1991. English sole. In L-L. Low (editor), Status of living marine resources off the Pacific Coast of the United States as assessed in 1991, p. 37-38. U.S. Dep. Commer.,

NOAA Tech. Memo. NMFS-F/NWC-210.

39. **Dorn, M. W.**, R. D. Methot, E. P. Nunnallee, and M. E. Wilkins. 1991. Status of the coastal Pacific whiting resource in 1990. U.S. Dep. Commer., NOAA Tech. Memo. NMFS F/NWC, 94 p.
40. **Dorn, M. W.**, and R. D. Methot. 1990. Status of the Pacific whiting resource in 1989 and recommendations for management in 1990. U.S. Dep. Commer., NOAA Tech. Memo. NMFS F/NWC-182, 84 p.
41. Hollowed, A. B., R. Methot, and **M. Dorn**. 1988. Status of the Pacific whiting resource in 1988 and recommendations for management in 1989. In Status of Pacific Coast Groundfish Fishery and Recommendations for Management in 1988, Pacific Fisheries Management Council, Portland, OR.

7. PRESENTATIONS

7.a. Talks presented at professional meetings

1. 2006. Oral Presentation. Pollock is green! Adventures in MSC certification of walleye pollock. National stock assessment workshop, San Francisco.
2. 2006. Oral presentation. "Pollock is green! Issues in MSC certification of walleye pollock" Wakefield symposium on the resiliency of Gadid stocks to fishing and climate change.
3. 2004. Oral presentation. Management implications of low frequency variability in marine fish survival patterns in the North Pacific, ICES Annual Science Conference, Vigo, Spain.
4. 2004. Oral presentation. Extending separable age-structured assessment models to evaluate trends in juvenile mortality of walleye pollock in the Gulf of Alaska, ICES Annual Science Conference, Vigo, Spain.
5. 2004. **Invited** oral presentation. Use of environmental information in North Pacific stock assessments. Symposium on issues and advancements in stock assessment, Busan, Korea.
6. 2004. **Invited** oral presentation. The role of essential fish habitat in the fisheries management: legal mandates and modeling approaches, Bilateral meeting, Busan, Korea.
7. 2004. Oral presentation. Analysis and visualization of opportunistically collected echosounder data, ICES Study Group on Collection of Acoustic Data from Fishing Vessels, Gdynia, Poland.
8. 2003. Oral presentation. Use of environmental information in North Pacific stock assessments. Workshop on Building Environmentally Explicit Stock Assessments,

Pacific Grove, California.

9. 2001. **Invited** oral presentation. Review of Pacific hake *Merluccius productus* life history and recruitment: Patterns of environmental forcing in the California Current system. Second Workshop on the Dynamics of Southern Hake Recruitment, Villa Alemana, Chile.
10. 2000. Oral presentation. Advice on West Coast rockfish harvest rates from Bayesian meta-analysis of stock-recruit dynamics. Western Groundfish Conference, Sitka, Alaska.
11. 1998. Oral presentation. Harvest policies for North Pacific groundfish: an example of precautionary management. ICES Symposium: Confronting uncertainty in the evaluation and implementation of fisheries management systems. Capetown, South Africa.
12. 1997. Oral presentation. Fine-scale fishing strategies of factory trawlers in a midwater trawl fishery for Pacific hake (*Merluccius productus*). World conference on natural resource modeling: Spatial and temporal dynamics for management of natural resource systems. Hobart, Australia.
13. 1996. Oral presentation. Mesoscale fishing patterns of factory trawlers in the Pacific hake (*Merluccius productus*) fishery. California Cooperative Oceanic Fish Investigations Conference, Pacific Grove, California.
14. 1994. **Invited** oral presentation. Interactions between population age structure and oceanography in determining Pacific whiting migratory behavior during the 1982-83 and the 1991-92 ENSOs. California Cooperative Oceanic Fish Investigations Conference, South Lake Tahoe, California.
15. 1994. Oral presentation. Using oceanographic indices in a transboundary stock assessment model for Pacific whiting. NMFS National Stock Assessment Workshop, Seattle, Washington.
16. 1993. Oral presentation. Tree regression models for Chinook salmon bycatch. NMFS national stock assessment workshop. Woods Hole, Massachusetts.
17. 1992. Oral presentation. Assessing the ecological risk of Pacific whiting harvest strategies using simulation of pre- and post-exploitation abundance. NMFS national stock assessment workshop. La Jolla, California.
18. 1989. Oral presentation. A conditional logistic regression model for the onset of riverine salmon migrations. Resource Modeling Association, 8th Annual Pacific Coast Conference. Seattle, Washington.

7.b. Posters presented at professional meetings.

19. 2016. Poster. Ressler, P. H., K. A. Simonsen, C. N. Rooper, **M. Dorn**, and S. Zador. Surveying Euphausiid abundance to understand the central Gulf of Alaska ecosystem. Alaska Marine Science Symposium, Anchorage Alaska.
20. 2015. Poster. Simonsen, K. A., P. H. Ressler, C. N. Rooper, S. Zador, and **M. Dorn**. Surveying Euphausiid abundance to understand the central Gulf of Alaska ecosystem. Alaska Marine Science Symposium, Anchorage Alaska.
21. 2008. Poster. **Dorn, M. W.**, S. Romain, S. Barbeaux, V. Wespestad. Using cooperative acoustic survey on fishing vessels to monitor ecosystem impacts of Alaska pollock fisheries. SEAFACETS acoustics symposium. Bergen Norway.
22. 2007. Poster. Parada, C., S. Hinckley, J. Horne, A. Herman, B. Megrey, and **M. Dorn**. Hindcasting walleye pollock recruitment and examining pollock stock structure in the Gulf of Alaska using a biophysical model. Alaska Marine Science Symposium, Anchorage Alaska.
23. 2004. Poster. Boldt, J. N. Bond, **M. Dorn**, A. Hollowed, M. Spillane, P. Stabeno. An index of walleye pollock spawning biomass anomalies in Shelikof Strait, Alaska. American Fisheries Society, Fourth World Fisheries Congress, Vancouver, Canada.
24. 2003. Poster. **Dorn, M. W.**, S. Barbeaux, and V. Wespestad. Using fishing vessels to collect acoustic data for scientific purposes: preliminary results from midwater trawlers in the eastern Bering Sea walleye pollock fishery, Marine Science in the Northeast Pacific Symposium
25. 2002. Poster. Hinckley, S., C. Alvarez-Flores, J. Horne, J. Burgos, and **M. Dorn**. Individually-based modeling of Steller sea lion foraging behavior. Lowell Wakefield Fisheries Symposium (22nd). Sea Lions of the World, Anchorage, AK.
26. 2003. Poster. Barbeaux, S. J. and **Dorn, M. W.** Spatial and Temporal Analysis of Eastern Bering Sea Echo Integration-trawl Survey and Catch Data of Walleye Pollock, Theragra chalcogramma, ICES Annual Science Conference. Tallinn, Estonia.
27. 2002. Poster. **Dorn, M. W.**, W.A. Karp, W. G. Vestpestad, J. Ianelli, and T. J. Quinn. Using fishing vessels to collect acoustic data for scientific purposes: preliminary results from midwater trawlers in the eastern Bering Sea walleye pollock fishery ICES Symposium on Acoustics in Fisheries and Aquatic Ecology, Montpellier, France.
28. 2000. Poster. **Dorn, M. W.** and B. A. Megrey. Probabilistic short-term forecasts of Gulf of Alaska walleye pollock abundance and yield from an age-structured assessment model and multiple pre-recruit surveys. SAP International Fisheries Symposium - Fish stock assessments and predictions: integrating relevant knowledge. Bergen, Norway.
29. 1989. Poster. **Dorn, M. W.** Growth of Pacific hake (*Merluccius productus*): Evidence for a decline in mean size-at-age. Western Groundfish Conference, Monterey, California.

7.c. Other Seminars/presentations (e.g. Universities, SARC, Councils etc.)

30. 1988-present. **Invited** stock assessment author presentations. In addition to producing a stock assessment document for the SAFE report, stock assessment lead authors give a detailed presentation of the assessment to the November groundfish plan team meeting for review and evaluation by plan team. There are often additional presentations for the September plan team meeting and other venues.
31. 2019-present. **Invited** crab plan team co-chair presentations. Crab plan team co-chairs present the plan team meeting minutes and harvest specification recommendations to the SSC, the advisory panel, and the Council at the February, June and October Council meetings each year.
32. 2021. **Invited Speaker**. Frameworks for Addressing Uncertainty Part I. NPFMC SSC Workshop on Risk Tables.
33. 2021. Co-presented with Kalei Shotwell and Stephani Zador. Summary of case studies for risk table adjustments. NPFMC SSC Workshop on Risk Tables.
34. 2019. **Invited speaker**. Information flow between ESPs, ESRs, and Council recommendations on OFL and ABC. Ecosystem and Socioeconomic Profile Data workshop.
35. 2019. **Invited speaker**. GOA pollock draft ESP: assessment, recommendations, and management applications. Ecosystem and Socioeconomic Profile Data workshop.
36. 2012. **Invited speaker**. Use of stock-recruit steepness priors based on meta-analysis in West Coast rockfish assessments, SSC workshop on Recruitment, North Pacific Fishery Management Council, Seattle, Feb 1, 2012.
37. 2010-2012. PFMC SSC chair presentations. The chair of the SSC attends all Council meetings to present the SSC minutes on Council agenda items and respond to Council inquiries.
38. **2011. Invited speaker**. Data Needs for Stock Assessment, National ACL Science Workshop, Silver Spring Maryland, February 15-17, 2011.
39. 2011. **Invited speaker**. SSC Update: Pacific Fishery Management Council, National SSC Workshop on Ecosystem and Social Science Considerations in US Federal Fishery Management, Williamsburg, VA, October 4-6, 2011.
40. 2011. **Invited speaker** (co-author Pat Livingston gave the talk). Use of ecosystem level productivity as a fishery management tool. National SSC Workshop on Ecosystem and Social Science Considerations in US Federal Fishery Management, Williamsburg, VA,

October 4-6, 2011.

41. 2010. **Invited speaker.** ABC Control Rule Implementation by the Pacific Fishery Management Council, National SSC Workshop, Charleston, SC.
42. 2009. **Invited speaker.** Examples of Management Strategy Evaluation in the North Pacific. National SSC Workshop, St Thomas, USVI. Nov 2009.
43. 2009. **Invited speaker.** Gulf of Alaska walleye pollock: spatial structure and management approaches. PCCRC Spatial Modeling Workshop, Seattle, WA. July 2009.
44. 2009. **Invited speaker.** Data weighting in the Gulf of Alaska pollock assessment. Alaska Crab Stock Assessment Workshop.
45. 2006. Outreach talk on pollock stock assessment presented to the Sand Point fishing community.
46. 2006. Evaluating the performance of Fishery Management Councils against the goals of ecosystem approaches to management, University of Washington Mini-workshop.
47. 2006. Advice on priors for stock-recruit steepness for use in West Coast stock assessments. Presentation at UW/NWFSC/AFSC Mini-workshop.
48. 2006. Outreach talk on pollock stock assessment presented to the Kodiak fishing community.
49. 2005. Extending separable age-structured assessment models to evaluate juvenile mortality trends of GOA walleye pollock, NPFMC SSC Workshop on Multispecies and Ecosystem Modeling

8. PROFESSIONAL AFFILIATIONS/ACTIVITIES/SERVICE (indicated invited activities)

1990-1992. Resource Modelers Association

2000-2002. Member of ICES Working Group on Ecosystem Effects of Fishing Activities

2004-2006. Member of ICES Study Group on Collection of Acoustic Data from Fishing Vessels.

8.a. Appointments

Affiliate Associate Professor at the School of Aquatic and Fisheries Sciences, University of Washington (2009-present).

8.b. Editorial and review activities (e.g. scientific journals)

2006-2008. Guest Editor, *Fisheries Research*

1999-2001. Guest Editor, *Proceedings of the Lowell Wakefield Symposium*. Alaska Sea Grant.

Reviewer for Canadian Journal of Fisheries and Aquatic Sciences, Natural Resource Modeling, ICES Journal of Marine Science, Fisheries Research, Aquatic Living Resources, U.S. Fisheries Bulletin, Australian Journal of Marine and Freshwater Research, Lowell Wakefield Symposium.

8.c. Committees and workshops

1. 2013-2022. Bering Sea and Aleutian Islands Crab Plan Team, North Pacific Fisheries Management Council. Co-chair (2019-2021). The BSAI crab plan team meets three times per year, in January, May, and September. The January meeting also includes a workshop.
2. 2002-2017. Scientific and Statistical Committee, Pacific Fisheries Management Council, Chair of Groundfish Subcommittee (2004-2008), Vice Chair, 2008-2009, Chair 2010-2012, Chair of Ecosystem Subcommittee (2013-2017). The Pacific Fisheries Management Council SSC meets five times per year in association with Council meetings, in March, April, June, September, and November. SSC subcommittees meet one or more times per year as needed.
3. 2019. Participated as a remote external reviewer to evaluate revisions to the management procedures to recover the Iberian sardine stock in December 2019. International Council for the Exploration of the Sea working group WKSARMP
4. 2019. Participated as external reviewer in working group to evaluate management procedures to recover the Iberian sardine stock during April 1-5, 2019, in Lisbon, Portugal. International Council for the Exploration of the Sea working group WKSARMP.
5. 2018. Chaired a working group of NPFMC plan team members to develop an approach for making consistent recommendations on when to lower the ABC below the maximum permissible ABC for North Pacific groundfish.
6. 2018. Participated as a remote external reviewer of a management strategy evaluation for Norway Pout. International Council for the Exploration of the Sea working group WKNPOUT.
7. 2017. Participated a GOAIERP synthesis workshop in Friday Harbor, WA, Feb 13-16, 2017.
8. 2017. Participated as an invited expert in an ICES review of the long-term management procedure for Iberian sardine. Lisbon, Portugal, May 29-31, 2017. International Council for the Exploration of the Sea working group WKSARMP

- 9.** 2017. Participated as an invited expert in an ICES benchmark review of Bay of Biscay sardine, Iberian sardine, and southern horse mackerel. Lisbon, Portugal, Feb 6-10, 2017. . International Council for the Exploration of the Sea working group WKPELA.
- 10.** 2017. Chaired a STAR panel review of Blue/Deacon Rockfish and California Scorpionfish, July 24-28, 2017.
- 11.** 2017. Participated in a groundfish stock assessment methodology review for PFMC, Jan 25-26, 2017.
- 12.** 2016. Participated as an invited expert in an ICES benchmark review of North Sea saithe and dab. Copenhagen, Denmark, March 14-18, 2016. International Council for the Exploration of the Sea working group WKNSEA
- 13.** 2016. Participated in a GOAIERP synthesis meeting in Friday Harbor, WA, March 2-4, 2016.
- 14.** 2015. Participated as an invited expert in an ICES benchmark review of Northeast Arctic Cod, Northeast Arctic haddock, Norwegian coastal cod, and Barents Sea capelin. Copenhagen, Denmark, January 26-30, 2015. International Council for the Exploration of the Sea working group WKARCT.
- 15.** 2015. Participated in a sardine workshop held by the Ocean Modeling Forum, Feb 12-13, 2015.
- 16.** 2015. Participated in NMFS-OAR Modeling Uncertainty Workshop in Ann Arbor, MI, April 13-15, 2015.
- 17.** 2015. Chaired a STAR-panel review of bocaccio and China rockfish, Santa Cruz, CA, July 6-10, 2015.
- 18.** 2015. Participated in the National SSC workshop, Honolulu, HI, February 23-25, 2015.
- 19.** 2013-2014. Invited expert at a series of three workshops on developing biological reference points for Chilean fisheries and co-author of workshop reports. Viña del Mar, Chile.
- 20.** 2013. Chair of methodology review panel for the California Current Atlantis ecosystem model for use by the PFMC in fisheries management decision-making.
- 21.** 2013. External reviewer of ICES benchmark assessments of Icelandic haddock, North Sea monkfish, North Sea Whiting, Irish Sea haddock (WKROUND 2013, Aberdeen Scotland Feb 4-8, 2013).
- 22.** 2012. Chair of a methodology review panel for the COAST survey.

23. 2012. Chair of a methodology review panel for the data-moderate assessments.
24. 2011. Member of STAR panel review of the acoustic-trawl method for surveying coastal pelagic fish species.
25. 2011. Chair of STAR panel review of assessment methods for data-poor stocks.
26. 2011. External reviewer of Chilean hake stock assessment, Viña del Mar, Chile.
27. 2011. Participant in a workshop on data-poor stock assessments organized by Oregon State University in Troutdale OR.
28. 2009-2011. Member of the ORCS (Only Reliable Catches) Working Group formed during the November 2009 National SSC workshop to evaluate and provide recommendations on various methods to calculate MSY and ABC when only catch data are available.
29. 2009. Chair of STAR panel review of bocaccio rockfish and widow rockfish.
30. 2008-2009. Member of Stock Structure Committee, North Pacific Fishery Management Council.
31. 2008. Member of drafting team for the Environmental Assessment/ Regulatory Impact Review/Final Regulatory Flexibility Analysis for the Arctic Fishery Management Plan
32. 2008. Member of a review panel (Hollowed, A. B., M. W. Dorn and A. E. Punt) responsible for an evaluation of MSY-related Reference Points. Ministry of Fisheries, Wellington, New Zealand.
33. 2007. Chair of stock assessment review panels (STAR) for sablefish and longnose skate.
34. 2007. Chair of stock assessment review panels for blue rockfish and black rockfish.
35. 2005. Participated in a review of the Monterey Bay Aquarium Seafood Watch program to promote sustainable seafood choices.
36. 2005. Chair of PMFC STAR review panel for canary rockfish, Petrale sole, Lingcod, and rebuilding plans for overfished species.
37. 2005. Chair of stock assessment review panels (STAR) for vermilion rockfish, California scorpionfish, gopher rockfish, cowcod, canary rockfish, petrale sole, lingcod.
38. 2005. Invited member of expert review panel for the Chilean hake assessment, Valpariso, Chile.
39. 2002. External reviewer for British Columbia herring stock assessment

40. 2000. Participant of West Coast groundfish harvest rate policy workshop, Pacific Fishery Management Council.
41. 2001. Invited Participant of Second Workshop on the Dynamics of Southern Hake Recruitment, Villa Alemana, Chile.
42. 1997. Participant of workshop on Biological Action Centers (BAC), La Paz, Mexico.

8.d. Workshops organized, chaired, sessions organized, chaired at professional meetings

1. 2019-2021. Member of organizing committee for three workshops on Ecosystem and Socioeconomic profiles (ESP).
2. 2016. Organized and chaired on workshop on modeling stock productivity sponsored by the SSC of the Pacific Fishery Management Council.
3. 2011. Member of organizing committee for the National SSC Workshop on Ecosystem and Social Science Considerations in US Federal Fishery Management, Williamsburg, VA, October 4-6, 2011.
4. 2009. Co-convener of ICES theme session at the 2009 Annual Science Conference on Monitoring requirements, observation technologies and methods (e.g. acoustics) for pelagic organisms at local and basic scales for input into ecosystem based fisheries management assessments.
5. 2007-2008. Lead of hosting committee for the tenth National Stock Assessment Workshop in Port Townsend, Washington.
6. 2006. Organizer and chair of Groundfish Harvest Policy Evaluation (*B₀*) Workshop, Pacific Fishery Management Council
7. 2004-2008. Member of organizing committee for National Stock Assessment Workshops held in San Francisco in 2006 and Port Townsend in 2008.
8. 2002. Organized and co-chaired a session on pollock life history and stock structure for the PICES annual meeting in Qingdao, China
9. 1999. Member of organizing committee for the seventeenth Lowell Wakefield symposium on Spatial Processes and Management of Fish Populations.

8.e. Teaching and mentoring activities (e.g. students and postdocs advised)

2022-present. Co-supervises postdoctoral scholar Cheryl Barnes, UW School of Aquatic and Fisheries Sciences

2020-present. Co-supervises postdoctoral scholar Alberto Rovellini, CICOES

2020-2021. Co-supervised postdoctoral scholar Matthieu Veron, JISAO

2020-2021. Co-supervised postdoctoral scholar Gemma Carrol, JISAO

2021. Co-supervises postdoctoral scholar Alberto Rovelini, Lynker Technologies

2019. Served on PhD committee of Cheryl Barnes, University of Alaska Fairbanks, College of Fisheries and Ocean Sciences.

2018. Served on PhD committee of Benjamin Williams, University of Alaska Fairbanks, College of Fisheries and Ocean Sciences.

2011. Served on PhD committee of Steven Barbeaux, School of Aquatic and Fishery Science, University of Washington, Seattle, WA

2009. Served on PhD committee of Haixue Shen, University of Alaska Fairbanks. College of Fisheries and Ocean Sciences.

2009. Served on PhD committee of Teresa A'mar, Quantitative Ecology and Resource Management, University of Washington, Seattle, WA

2008. Served on PhD committee of Julian Burgos, School of Aquatic and Fishery Science, University of Washington, Seattle, WA

2008-2012. Served on Master's committee of Motoki Wu, School of Aquatic and Fishery Science, University of Washington, Seattle, WA

1992. Oversaw Shoreline high school student Ingrid Spies on a project to evaluate Pacific hake maturity.

9. NMFS AGENCY SERVICE

9.a. Committees and workshops

1. 2021. Chair of CIE review of snow crab and Bristol Bay red king crab assessments
2. 2018. Organized and led SSMA-GAP meetings on sampling protocols for ageing structures in GOA and AI bottom trawl surveys.
3. 2017-2022. Lead for the GOA Climate Strategy Regional Action Plan. Organized a workgroup to develop and execute a climate science regional action plan for Gulf of Alaska.
4. 2017. Chair of a CIE review of the Tanner crab assessment, July 31-Aug 3, 2017.

5. 2017. Participated in a stakeholder panel for the NWFSC socioeconomics program review, Aug 8, 2017.
6. 2015. Chair of the CIE review of GMACS, June 29-July 1, 2015.
7. 2014. Chair of the CIE review of the Atka mackerel assessment
8. 2014. Chair of the CIE review of the snow crab assessment
9. 2007-2009. Co-chair of AFSC working group on Acoustics on Vessels of Opportunity.
10. 2008-2013. Member of National Standard 2 Working Group convened by National Marine Fisheries Service to develop guidance on the role of the SSC and the use of best available science.
11. 2006. Organized an AFSC outreach program for the Sand Point community, May 23-24, 2006.
12. 2003. Participant of National Standard 1 workshop in Kansas City, MO.
13. 2000. Member of Biological Review Team for ESA review for evaluation of the status of gadid species in Puget Sound.
14. 1998. Member of Stock Assessment Review Committee (SARC), 27th Northeast Regional Stock Assessment Workshop.
15. 1998. Represented AFSC at the 1998 Technical Subcommittee (TSC) of the U.S.-Canada Groundfish Committee.
16. 1993. Member of review panel for the Gulf of Mexico red snapper stock assessment.
17. 1990-1998. U. S. Technical representative for bilateral meetings between the U. S. and Canada.
18. 1988-1999. Member of the Pacific hake working group of the Technical Subcommittee (TSC) of the U.S.-Canada Groundfish Committee.

9.b. Research Cruises & other sea time

Research Cruise Experience as Principal Investigator/Field Party Chief

Sept. 2012

F/V Temptation, Cooperative research survey in the western GOA

Sept. 16-24, 2011	F/V Temptation, Cooperative research survey in the western GOA
Jan 4-11, 2011	F/V Temptation, Cooperative research survey in the western GOA
Sept. 19-24, 2010	F/V Temptation, Cooperative research survey in the western GOA
Jan. 8-13, 2010	F/V Temptation, Cooperative research survey in the western GOA
Jan. 17-21, 2008	F/V Temptation, Cooperative research survey in the western GOA
Sept. 24-28, 2007	F/V Temptation, Cooperative research survey in the western GOA
2003	F/V American Triumph, project to evaluate observer haul weight estimation procedures.
1994	F/V Alaska Ocean, project to evaluate observer haul weight estimation procedures.

Research Cruise Experience as Member of Field Party

Mar.14-28, 2013	R/V Oscar Dyson, acoustic survey of walleye pollock in Shelikof Strait
Aug. 12-28, 2013	R/V Island C. GOA IERP mid-trophic level survey in the western Gulf of Alaska
2003	R/V Miller Freeman, acoustic survey of walleye pollock in Shumagin Islands
Aug. 4-27,1998	Miller Freeman, West Coast Pacific hake acoustic survey
1998	R/V W. E. Ricker, Pacific hake acoustic survey of Canadian waters
July 1-18, 1995	R/V Miller Freeman, Exploratory survey operations for juvenile Pacific hake
Aug. 21-Sep. 1, 1995	R/V Miller Freeman, West Coast Pacific hake acoustic survey
1993	F/V Lisa Melinda, Commercial fishing observations, Newport
1992	R/V Miller Freeman, West Coast Pacific hake acoustic survey
1989	F/V Pat San Marie, West Coast shelf bottom trawl survey

10. OTHER RELEVANT INFORMATION

Successful Proposals. Martin served as a lead PI, co-PI, or collaborator on the following projects:

\$1,391,649. 2020-2023. From climate to communities in the Gulf of Alaska: using an integrated modeling approach to evaluate drivers of present and future system-level productivity and assess climate impacts on fishing-dependent communities. NOAA COCA program. Lead P.I. Martin Dorn, PIs Beth Fulton, Alan Haynie, André Punt, Marysia Szymkowiak, Elizabeth McHuron, Co-P.I.s Kerim Aydin, Caihong Fu, Brain Fadely, Albert Herman, Kirstin Holsman, Anne Hollowed, Stephen Kasperski, Jamal Moss, Olav Ormseth, Lauren Rogers, Chang Seung, James Thorson, Katie Sweeny.

\$472,646. 2020-2023. Evaluating drivers of present and future system-level productivity in the Gulf of Alaska using the Atlantis end-to-end ecosystem model. North Pacific Research Board. P.I.s André Punt, Beth Fulton, Isaac Kaplan, Albert Hermann, Kirstin Holsman, Kristin Marshall, Caihong Fu, Jamal Moss.

\$110,000. 2020-2021. A generalized age-structured projection model to evaluate management implications of climate impacts on recruitment and life history of marine fish populations. NOAA Magnuson-Stevens Act implementation. P.I.s Martin Dorn, André Punt, Carey McGilliard, Paul Spencer, Jim Ianelli.

\$32,000. 2019. Developing Ecosystem and Socio-economic Profiles for the AFSC. NOAA regional work plan. P.I.s Kalei Shotwell, Sandra Lowe, Martin Dorn, Ben Fissel, and Stephani Zador.

\$228,000. 2019. Projecting climate impacts on shifts in distribution and abundance of Gulf of Alaska groundfish using a 3km Regional Ocean Model with biogeochemistry. NOAA regional work plan. P.I.s Anne Hollowed, Kirstin Holsman, Katherine Miller, Martin Dorn, Alan Haynie, and Albert Hermann.

2018-2020. How many krill are there in the Bering Sea and Gulf of Alaska? Quantitative acoustic assessment of euphausiid abundance and their role in these ecosystems. North Pacific Research Board. P.I.s Patrick Ressler, Kirsten Simonsen, Martin Dorn, Stephani Zador.

\$199,301. 2016-2018. Development and application of a climate enhanced multi-species stock assessment model for the Gulf of Alaska to evaluate alternative harvest strategies under climate change. NOAA FATE program. Kirstin Holsman, Martin Dorn, Ingrid Spies, Jim Ianelli, André Punt

\$201,516. 2015-2018. Ecological interactions among groundfish predators in the Gulf of Alaska. Pollock Conservation Cooperative Research Center. P.I. Anne Beaudreau, Co P.I.s Mary Hunsicker, Martin Dorn, Lorenzo Ciannelli.

2014-2015. Multi-species technical interactions model. AFSC program funds. P.I. André Punt, Contributing Investigators: Anne Hollowed, James Ianelli, Grant Thompson, Carey McGilliard, Martin Dorn, Kotaro Ono.

2013-2014. Spatial and temporal variability of walleye pollock fecundity estimates for the Gulf of Alaska and the eastern Bering Sea. NOAA FATE. P.I.s Libby Logerwell, Martin Dorn, Gordon Kruse, Susanne McDermott, Carol Ladd, Wei Cheng.

\$203,400. 2013-2014. Evaluation of a bottom-moored echosounder array to provide a survey-comparable index of abundance. Advanced Science and Technology Working Group. P.I.s Chris Wilson Alex De Robertis, Kresimir Williams, Martin Dorn.

2012. Variations in size of maturity of walleye pollock and implications on harvest strategies. Pollock Conservation Cooperative Research Center. P.I.s Gordon Kruse, Martin Dorn, Libby Logerwell.

2009. Forecasting walleye pollock recruitment in the Gulf of Alaska using a Bayesian life-stage recruitment model. NOAA FATE. P.I.s Bernard Megrey, John Horne. Carol Ladd, André Punt.

2008. Walleye pollock recruitment and stock structure in the Gulf of Alaska: an investigation using a suite of biophysical and individual-based models. North Pacific Research Board. P.I.s Martin Dorn, Bern Megrey, John Horne, A. Herman, Carolina Parada, and Sarah Hinckley.

2007-2012. Cooperative acoustic surveys of walleye pollock in the western Gulf of Alaska. NMFS Cooperative research program. P.I. Martin Dorn.

2006. The impact on management performance of including indicators of decadal change in management strategies for the fishery for Walleye pollock in the Gulf of Alaska. NOAA FATE program. P.I.s André Punt, Teresa A'mar, M. Dorn.

\$133,938. 2005-2007. Factors influencing the mortality of tagged walleye pollock captured using a trawl net. North Pacific Research Board. PI: Robert Foy, Collaborators Anne Hollowed and Martin Dorn.

2001-2002. Multi-decadal simulations of circulation and walleye pollock in the Northern Gulf of Alaska. NOAA FATE program. P.I.s Albert Hermann, Martin Dorn, Sarah Hinckley.

2001-2002. Individual-based modelling of Steller sea lion foraging behavior and Bioenergetics. Steller Sea Lion Research Initiative. P.I.s S. Hinckley, M. Dorn, A. York, B. Megrey, J. Horne.

2001-2002. Using behavioral models of fishing to assess alternative management approaches for reducing the local ecological impact of Alaska pollock and cod fisheries. Steller Sea Lion Research Initiative. P.I.s Martin Dorn, Joe Terry