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Life Mission: Engage science to reconcile the ever enlarging human footprint on our environment with the needs of other species for that same environment-thereby assuring that prosperous people can live sustainably on healthy productive landscapes that provide their food, fiber, aesthetic, and recreational needs.

Complete List of Publications and Technical Reports

1. Amstrup, S. C. 1973. America's maneless lion. *Pacific Search* 7(4):4-7.
2. Amstrup, S. C., and J. Beecham. 1976. Activity patterns of radio-collared black bears in Idaho. *Journal of Wildlife Management* 40(2):340-348.
3. Bates, J. W., J. C. Pederson, and S. C. Amstrup. 1976. Bighorn sheep range, population trend and movement. *Desert Bighorn Council Transactions*: 11-12.
4. Amstrup, S. C. 1979. Activities and habitat use of pronghorns on Montana-Wyoming coal lands. Pages 270-304 in *Proceedings: 8th Biennial Pronghorn Antelope Workshop*.
5. Amstrup, S. C. 1980. A radio-collar for game birds. *Journal of Wildlife Management* 44(1):214-217.
6. Amstrup, S. C., and T. P. McEneaney. 1980. Bull snake kills and attempts to eat Long-eared Owl nestlings. *Wilson Bulletin* 92(3):402.
7. Amstrup, S. C. 1981. Research on Alaskan polar bears in 1979 and 1980. Pages 119-124 in *Proceedings: 8th Working Meeting, IUCN/SSC Polar Bear Specialist Group, 15-19 January 1981, Oslo, Norway*.
8. Amstrup, S. C., J. Meeker, B. W. O'Gara, and J. McLucas. 1981. Capture methods for free ranging pronghorns. Pages 98-131 in *Proceedings: 9th Biennial Pronghorn Antelope Workshop*.
9. Amstrup, S. C., and T. B. Segerstrom. 1981. Immobilizing free-ranging pronghorns with powdered succinylcholine chloride. *Journal of Wildlife Management* 45(3):741-745.
10. Amstrup, S. C., and B. W. O'Gara, and H. Musgrave. 1982. Immobilizing elk with powdered succinylcholine chloride. *Wildlife Society Bulletin* 10(4):333-340.
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17. Kelly, B. P., S. C. Amstrup, C. L. Gardner, and L. T. Quakenbush. 1987. Predation on ringed seals in the western Beaufort Sea. *Proceedings: 7th Biennial Conference, Biology of Marine Mammals*, 5-9 December 1987, Miami, Florida.
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 50. Amstrup, S. C., G. W. Garner, and G. M. Durner. 1995. Polar bears in Alaska. Pages 351-353 in E. T. LaRoe, III, G. S. Farris, C. E. Puckett, P. D. Doran, and M. J. Mac (eds.), Our Living Resources: A Report to the Nation on the Distribution, Abundance, and Health of U. S. Plants, Animals, and Ecosystems. U. S. National Biological Service, Washington, D. C.
 51. Amstrup, S. C., and G. M. Durner. 1996. Polar bear research in the Beaufort Sea. Pages 16-22 in Proceedings: Canadian Polar Bear Technical Committee, .
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 57. Scribner, K. T., G. W. Garner, S. C. Amstrup, and M. A. Cronin. 1997. Population and genetic studies of polar bear (*Ursus maritimus*): A summary of available data and interpretation of results. Pages 191-202 in A. E. Dizon, S.

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 60. Amstrup, S. C., and G. M. Durner. 1998. Polar bear research in the Beaufort Sea. Pages 47-52 in *Proceedings: Canadian Polar Bear Technical Committee*, 15-17 February 1998, Peterborough, Canada.
 61. Amstrup, S. C., T. L. McDonald, and I. Stirling. 1998. Estimating survival rates and population sizes of polar bears with logistic models. In *Proceedings: World Marine Mammal Science Conference*.
 62. Cronin, M. A., S. C. Amstrup, G. M. Durner, L. E. Noel, T. L. McDonald, and W. B. Ballard. 1998. Caribou distribution during the post-calving period in relation to infrastructure in the Prudhoe Bay oil field, Alaska. *Arctic* 51(2):85-93.
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 64. Amstrup, S. C., and G. M. Durner. 1999. Identification of polar bear den habitat in northern Alaska. Pages 141-145 in A. E. Derocher (ed.), *Proceedings: 12th Working Meeting, IUCN Polar Bear Specialists Group*, Oslo, Norway. Edited by. *Occas. Pap. IUCN Spec. Surv. Comm.* 19: 141-145.
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b. Manuscripts accepted for publication or in review by journal (Bureau Approval Received)

106. Durner, G.M, D.C. Douglas, R.M. Nielson, S.C. Amstrup, T.L. McDonald, I. Stirling, M. Mauritzen, E.W. Born, Ø. Wiig, E. DeWeaver, M.C. Serreze, S.E. Belikov, M.M. Holland, J. Maslanik, J. Aars, D.A. Baily, and A.E. Derocher. (*Accepted*). Predicting the future distribution of polar bear habitat in the polar basin from resource selection functions applied to 21st century general circulation model projections of sea ice. *Ecological Monographs*.
107. Amstrup, S.C., B.G. Marcot, and D.C. Douglas. (*In Press*). A Bayesian network modeling approach to forecasting the 21st century world-wide status of polar bears. In, *Arctic sea ice decline: Observations, Projections, Mechanisms, and Implications*. American Geophysical Union Book Series.
108. Regehr, E.V., C.M. Hunter, H. Caswell, S.C. Amstrup, and I. Stirling. (*submitted*) Survival and breeding of polar bears in the southern Beaufort Sea in relation to sea ice. *Journal of Animal Ecology*.
109. Amstrup, S. C., G. M. Durner, T. L. McDonald , and W. R. Johnson. (*In Review*). Estimating Potential Effects from Hypothetical Oil Spills to Dispersed Marine Wildlife. *Ecological Applications*. (Note that this MS was submitted in 2006. It was returned with request for minor changes in early 2007. However, its return coincided with the intense work demanded by our request from the Secretary, and so it was shifted to the back burner. I intend to get back to it as soon as possible in 2008).
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c. Technical Reports (Bureau Approval Received)

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