

CURRICULUM VITAE

Michael Rosing
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3905 Nuussuaq
Greenland

M.S. 1999 Quantitative Ecology and Resources management. University of Washington.
B.S. 1995, University of Alaska Fairbanks, Mathematics
B.S. 1994 University of Alaska Fairbanks, Biology and Statistics.
b.1968 Aasiaat Greenland, male, single, Danish citizen (Greenlander).

Education:

Graduate of Viby Amtsgymnasium, Denmark 1988.
1990 accepted to Greenland Home-rule government program for studies in North America:
Aug. 1990-Dec. 1990 American Language Academy, Ashland Oregon.
Jan. 1991 Accepted as a student at University of Alaska Fairbanks majors: Biology and Statistics.
May 1994 B.S. University of Alaska Fairbanks, double major in Biology and Statistics
May 1995 B.S. University of Alaska Fairbanks, Mathematics (applied emphasis)
August 1995, Student at University of Washington, Quantitative Ecology and Resources management
October 1997-October 1998, Leave of absence.
December 1999 M.S. Quantitative Ecology and Resources management

Relevant non-academic Courses:

June 2001: S-Plus fundamentals
Fall 2001: Advanced database design
Fall 2001: Fundamentals of MapInfo
Summer 2001: Fundamentals of SAS
2002-2004 Access fundamentals, advanced and VBA programming.

Employment:

Sept. 1986-June 1988 Technician, Viby Amtsgymnasium
Sept. 1988-June 1989 Substitute teacher, Sisimiut Greenland.
March 1990 Coordinator for test fishing of Itilleq, Sisimiut.
Summer of 1991 Commercial fisherman, Nanna of Sisimiut.
Summer of 1992 Construction work at Sønderstrom Air Base.
Summer of 1993 Research volunteer, Kadashan Alaska.
Summer of 1994 Fisheries research assistant, Davis Strait, Greenland.
Oct. 1994- June 1995 Student assistant, responsible for sequencing of mtDNA
Summer of 1995 Fisheries research assistant, Davis Strait, Greenland
Summer of 1996 Fisheries research assistant, Davis Strait, Greenland
October 1997-September 1998, Fisheries research assistant, Greenland Institute of Natural Resources, Nuuk, Greenland
January 2000-2002
Temporary appointments at Greenland Institute of Natural Resources dealing with grate sorting devices in Shrimp trawl and Ungulate management.
August 2002 Database manager Greenland Institute of Natural Resources

Teaching Experience

Instructor

October 1998. Weekend course in the use of S-Plus. University of Alaska Fairbanks.

Teaching assistant

Spring 1999-Summer 1999 TA, Calculus, Ecology, University of Washington.

Consulting Experience

Fall 1998. Data extraction, consolidation, and processing for River otter project. Alaska Sealife Center, Seward Alaska
Winter 1999. Consulting class at UW, consulting real life problems from wildlife Forestry and Fisheries.

Spring 1999. Consulting group at QERM, on-request consulting for Fisheries, Wildlife and Forestry graduate students.

Awards and honors:

Institutional nominee for Mathematical Association of America 1992
Competed for UAF in COMAP's contest in mathematical modeling for undergraduate teams 1993, and 1994. Rated outstanding meritorious (SIAM winner) in 1993, and meritorious in 1994.
Selected as outstanding student of Mathematics (Statistics) 1994
Graduated Cum Laude, 1994 B.S in Biology and Statistics, UAF
Awarded the W.M. Brown Scholarship 1993 from UAF.

Publications:

Liermann, M. Steele, A. **Rosing, M.** and Guttorp P. 2001. Random denominators and the analysis of ratio data. Submitted to Journal of Environmental and Ecological Statistics.

Martin, M., **Rosing, M. N.**, and Schmahl, M. 1993. Coal tipple Operations, or Why We Hate Thursdays. UMAP Journal. 14.3 pp. 259-270

Rosing, M. N., Ben-David, M, and Barry, R. P. Analysis of stable isotope data: a K nearest-neighbors randomization test. Journal of Wildlife Management 62(1):380-388:1998

Rosing, M., Cuyler, C., Linnell, J.D.C., Landa, A. 2001. Increasing the accuracy of aerial counts of caribou in western Greenland. Submitted to Arctic.

Technical Reports and advisory documents:

Cuyler, L.C., Rosing, M., Linnell, J.D.C., Loison, A., Ingerslev, T., & Landa, A. 2002. Status of the Kangerlussuaq-Sisimiut caribou population (*Rangifer tarandus groenlandicus*) in 2000, West Greenland. Greenland Institute of Natural Resources. Technical report No. 42. 52 pp.

Cuyler, L.C., Rosing, M., Linnell, J.D.C., Lund, P.M., Jordhøy, P., Loison, A., & Landa, A. 2003. Status of 3 West Greenland caribou populations; 1) Akia-Maniitsoq, 2) Ameralik & 3) Qeqertarsuatsiaat. Greenland Institute of Natural Resources. Technical report No. 46. 77 pp.

Cuyler, C., **Rosing, M.**, Linnell, J. D. C., Møller-Lund, P., Loisson, A., and Arild Landa. Reconnaissance for caribou (*Rangifer tarandus groenlandicus*) abundance, herd structure & recruitment, Neria & Qassit caribou herds in 2000 Region Paamiut, West Greenland. Greenland Institute of Natural Resources Technical Report in prep.

Engelstoft, J. J., Isaksen, B., Larsen, R. B., **Rosing, M.**, Zachariassen, K. Studies of technical methods for responsible shrimp fishery in the Redfish Box, East Greenland. Project Report for the Nordic Strategy for the Environment and Fisheries.

Linnell, J. D. C., Cuyler, C., **Rosing, M.**, Møller-Lund, P., and Arild Landa. Advice concerning caribou harvest in Greenland 2001 Regions North, Central, South, Paamiut, Naternaq, Nuussuaq & Inglefield Land

Linnell, J. D. C., Loisson, A., Cuyler, C., Ingerslev, T., **Rosing, M.**, Møller-Lund, P., and Arild Landa. Advice concerning caribou harvest in west Greenland (regions North, Central, South and Paamiut), 2000 season.

Languages:

Danish (native), Greenlandic (not fluently), English (native level speaker), German (High school foreign language level), French (High school foreign language level).