

Niels Lind F.R.S.C., F.A.A.M.

Engineer



nlind@telus.net (250) 598 5914
404-1033 Belmont Avenue
Victoria, British Columbia,
Canada V8S 3T4

Distinguished Professor Emeritus
Institute for Risk Research and
Department of Civil Engineering
University of Waterloo
Waterloo, ON, Canada

M.Sc. Civil and Structural Engineering
Technical University of Denmark 1953

Ph.D. Theoretical and Applied Mechanics
University of Illinois, Urbana IL 1959

Research Interests:

- Risk, Probability and Uncertainty
- Engineering Risk Assessment
- Rational Design in Civil and Structural Engineering

Selected Publications:

- Madsen, H.O., Krenk, S. and Lind, N.C., *Methods of Structural Safety*, Prentice-Hall Book Co., Inc., Englewood Cliffs, N.J., 1986, viii + 403 pp. Reprinted by Dover Books, Inc. 2006.
- Nathwani, J.S., Lind, N.C. and Pandey, M.D. *Affordable Safety By Choice: The Life Quality Method*, Institute for Risk Research, Univ. of Waterloo, Waterloo, ON, 1997, xv + 230 pp.
- Lind, N. Discounting Risks in the Far Future, *Reliability Engineering & System Safety*, 2007 (accepted 1 Sep 2006).
- Pandey, M.D., Nathwani, J.S. and Lind, N.C. The Derivation and Calibration of the Life Quality Index (LQI) from Economic Principles, *Structural Safety*, 28, 2006, 341-360.
- Lind, N.C., Three Information-Theoretical Methods to Estimate a Random Variable, *Journal of Environmental Management*, 47, 1996.
- Lind, N.C., Nathwani, J.S. and Pandey, M. Socially Optimized Engineered Safety: The Life Quality Index, *Proc. 10th Int. Conf. Appl. Statistics & Prob. to Soil and Struct. Eng. (ICASP10)*, Tokyo July-August 2007.