

Dr. Timothy C. Haas



Timothy C. Haas earned a Ph.D. in Statistics from Colorado State University in 1989, served as an acting assistant professor in the Statistics department at the University of Washington during 1989-1990, and, apart from sabbaticals at the National Center for Atmospheric Research during 1999 and Stanford's department of statistics during 2006-2007, has been at the Lubar School of Business, University of Wisconsin-Milwaukee since 1990.

Emeritus Associate Professor Haas has developed semi-parametric methods for prediction of nonstationary spatio-temporal processes, algorithms for the redesign of monitoring networks, Bayesian network models of aspen stand survival, forestry ranger decision making, and integrated, agent-based models of human-wildlife conflict.

In collaboration with investigators from South African National Parks, Dr. Haas developed a social network analysis of a rhino poaching syndicate, and a dynamical model of the political-ecological system that drives South Africans to engage in rhino poaching. Support for these endeavors has come from grants awarded by the United States Department of Agriculture, the United States Environmental Protection Agency, and the World Wildlife Fund. This work has been published in the Journal of the American Statistical Association, Forest Science, Atmospheric Environment, Environmetrics, AI Applications, Stochastic Environmental Research and Risk Assessment, Security Informatics, IEEE Transactions on Cybernetics, Ecological Applications, PLoS One, Frontiers in Conservation Science, the Journal of Cybersecurity, Cogent Social Sciences, and STAR Protocols.

In addition, Emeritus Associate Professor Haas has published two books with Wiley on ecosystem management. Currently, Emeritus Associate Professor Haas is developing a consultancy to help firms embark on profitable offerings that conserve biodiversity and contribute to peer-to-peer criminal intelligence databases to help bring wildlife traffickers to justice.

See www.profitablebiodiversity.com and <https://sites.uwm.edu/haas/>