Meet The Instructors

The instructors for this course are Dr. Anthony (Tony) M. Starfield, and Dr. Therese (Terri) Donovan.

Tony guides you through the maze of modeling techniques. He tells anecdotes from a thought-provoking perspective that will have you constructing models in no time.

Terri introduces the use of Excel spreadsheets to create models.

**Dr. Anthony (Tony) M. Starfield** is an applied mathematician and conservationist who has extensive experience in modeling and decision analysis for conservation world-wide.

Tony is the author of several books and leads workshops throughout the U.S. and South Africa. He is perhaps the most highly respected mathematical modeler of African wildlife in the world.

Tony was born in Johannesburg, South Africa, and educated at the University of the Witwatersrand. He received the B.Sc. degree in Mathematics and Applied Mathematics and the B.Sc Hons. degree in Applied Mathematics. Tony received his Ph.D. in Mining Engineering in 1965.

Tony began teaching at the University of Minnesota in the late 1960s in the School of Mineral and Metallurgical Engineering. He continued to teach in the Department of Ecology, Evolution and Behavior until his retirement.

Tony has been the recipient of many professional awards, including the Distinguished Graduate-Professional Award at the University of Minnesota in 2002.

Tony is a professor emeritus, retired in 2006 from the University of Minnesota, Department of Ecology. He now lives in Dallas, Texas.
Dr. Therese (Terri) M. Donovan is the Assistant Unit Leader for the Vermont Cooperative Fish and Wildlife Research Unit in Burlington, Vermont.

Her research focuses on modeling population dynamics and habitats of birds, mammals, and amphibians, particularly in response to land use change. Terri works closely with Unit cooperators including the U.S. Geological Survey, the U.S. Fish and Wildlife Service, and the Vermont Fish and Wildlife Department -- to develop tools for wildlife conservation and management.

Terri earned her B.S. and M.S. degrees from Eastern Illinois University and a Ph.D. from the University of Missouri at Columbia. With training in pedagogy, Terri has taught a variety of courses, from natural history classes at nature centers to high school biology classes to University level courses at the University of Vermont.

Terri was introduced to spreadsheet modeling by Rollie Lamberson, a professor of mathematics at Humboldt State University. She has co-authored two books on spreadsheet modeling for ecology, evolution and conservation biology, and also uses spreadsheets to teach quantitative methods in ecological analysis.

Terri lives in Vermont with her husband Peter, and children Evan and Ana, where they enjoy camping, hiking, gardening, and studying (modeling!) nature.