



NEOBIOTA 2018

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Katriona Shea is Professor of Ecology and the Alumni Professor in the Biological Sciences at the Pennsylvania State University in the USA. She also holds an Adjunct Professor position at the Arctic University of Norway in Tromsø. She received her BA (Hons) in Physics from Oxford in 1990 and her PhD in theoretical population ecology from Imperial College, London University in 1994. Following postdoctoral positions in California and Australia, she joined the faculty at Penn State in 2001.

Professor Shea uses a wide range of empirical and quantitative methods to study the ecology and management of invasive and outbreaking species in perturbed environments. Much of her work focuses on the applied ecology of invasive plants, addressing the demography, dispersal and spread of plant invaders, but she also studies a variety of insects, marine organisms, bacteria and mammals as well as epidemiological systems such as measles and Ebola. More information can be found at <https://kshealab.wordpress.com/>. She serves as an editorial board member for the journals *Biological Invasions*, *Ecology Letters* and *Population Ecology*. Professor Shea was named a Fellow of the Ecological Society of America in 2016.