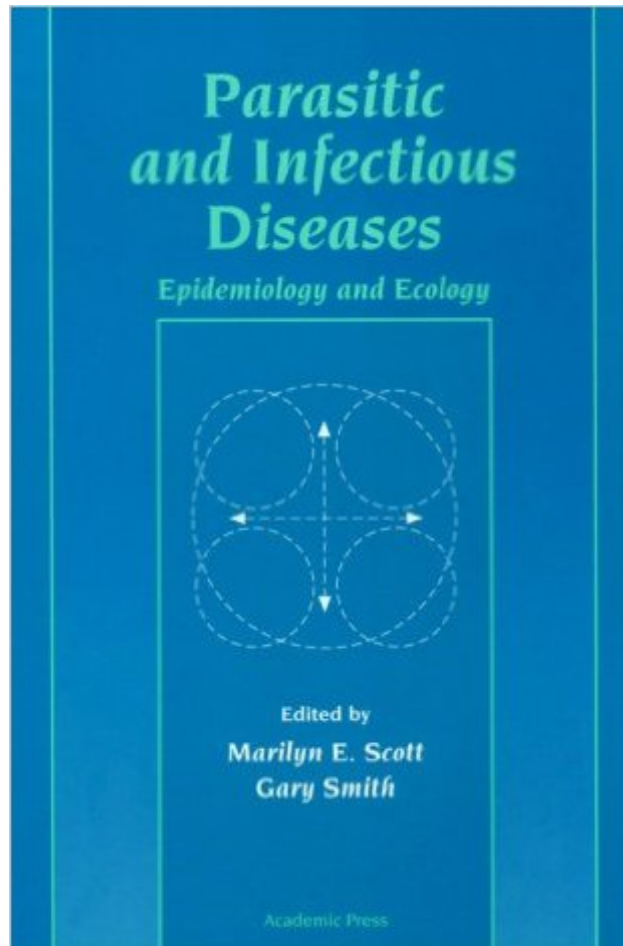


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Parasitic And Infectious Diseases: Epidemiology And Ecology



Synopsis

There are at least two populations involved in any infectious disease process: the population of parasites that cause the disease and the population of hosts that are infected. *Parasitic and Infectious Diseases: Epidemiology and Ecology* focuses on the interface between these two populations. The various chapters demonstrate how combined field, experimental, and theoretical studies aid in our understanding of the dynamics of infectious disease processes and in formulating control strategies. Moving from the basics of mathematical modeling and epidemiological principles to case studies of human, livestock, and wild animal infections, the editors have assembled a book of tremendous value to researchers in ecology, parasitology, medical and veterinary sciences, infectious disease, epidemiology, and other related fields of study. Key Features* Introduction of mathematical modeling for the novice* Case studies covering a spectrum of infections in humans, livestock, and wild animals* Integration of field, laboratory, and theoretical approaches* Development and illustration of key concepts in interactions between infectious agents and their host populations* Written and edited by internationally recognized leaders in the field

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