1. Record Nr. UNINA9910456750103321

Autore	Sattenspiel Lisa
Titolo	The geographic spread of infectious diseases [[electronic resource]] : models and applications / / Lisa Sattenspiel with contributions from Alun Lloyd
Pubbl/distr/stampa	Princeton, : Princeton University Press, c2009
ISBN	1-282-45808-6 1-282-93591-7 9786612935916 9786612458088 1-4008-3170-9
Edizione	[Course Book]
Descrizione fisica	1 online resource (299 p.)
Collana	Princeton series in theoretical and computational biology
Altri autori (Persone)	LloydAlun <1970->
Disciplina	614.401/5118
Soggetti	Communicable diseases - Epidemiology - Mathematical models Public health Electronic books.
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Frontmatter -- Contents -- Preface -- Chapter One. Introduction -- Chapter Two. The Art of Epidemic Modeling: Concepts and Basic Structures -- Chapter Three. Modeling the Geographic Spread of In uenza Epidemics -- Chapter Four. Modeling Geographic Spread I: Population-based Approaches -- Chapter Five. Spatial Heterogeneity and Endemicity: The Case of Measles -- Chapter Six. Modeling Geographic Spread II: Individual-based Approaches -- Chapter Seven. Spatial Models and the Control of Foot-and-Mouth Disease -- Chapter Eight. Maps, Projections, and GIS: Geographers' Approaches -- Chapter Nine. Revisiting SARS and Looking to the Future -- Bibliography -- Index
Sommario/riassunto	The 1918-19 influenza epidemic killed more than fifty million people worldwide. The SARS epidemic of 2002-3, by comparison, killed fewer than a thousand. The success in containing the spread of SARS was due largely to the rapid global response of public health authorities, which was aided by insights resulting from mathematical models. Models

enabled authorities to better understand how the disease spread and to assess the relative effectiveness of different control strategies. In this book, Lisa Sattenspiel and Alun Lloyd provide a comprehensive introduction to mathematical models in epidemiology and show how they can be used to predict and control the geographic spread of major infectious diseases. Key concepts in infectious disease modeling are explained, readers are guided from simple mathematical models to more complex ones, and the strengths and weaknesses of these models are explored. The book highlights the breadth of techniques available to modelers today, such as population-based and individual-based models, and covers specific applications as well. Sattenspiel and Lloyd examine the powerful mathematical models that health authorities have developed to understand the spatial distribution and geographic spread of influenza, measles, foot-and-mouth disease, and SARS. Analytic methods geographers use to study human infectious diseases and the dynamics of epidemics are also discussed. A must-read for students, researchers, and practitioners, no other book provides such an accessible introduction to this exciting and fast-evolving field.

2.

Record Nr.	UNINA9910457788303321
Autore	Witbooi Emma
Titolo	Fisheries and sustainability [[electronic resource]] : a legal analysis of EU and West African agreements / / by Emma Victoria Witbooi
Pubbl/distr/stampa	Leiden ; ; Boston, : Martinus Nijhoff Publishers, 2011
ISBN	1-283-33464-X 9786613334640 90-04-20676-0
Descrizione fisica	1 online resource (287 p.)
Collana	Queen Mary studies in international law, , 1877-4822 ; ; 6
Disciplina	343.24/07692
Soggetti	Sustainable fisheries - Law and legislation - European Union countries Sustainable fisheries - Law and legislation - Africa, West Fishery management - European Union countries Fishery management - Africa, West Electronic books.
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references.
Nota di contenuto	Preliminary Material / Emma Witbooi -- Conceptual Lenses Introduction / Emma Witbooi -- The Challenge of Sustainability in Fisheries / Emma Witbooi -- Regulating Fisheries Towards Sustainability / Emma Witbooi -- Identifying the Ties that Bind West African States and the EU / Emma Witbooi -- Fisheries Regulation in the EU Sustainability and Integration in the EU's Common Fisheries Policy / Emma Witbooi -- The Promotion of Sustainability in EU Fishing in Developing Third Country Waters / Emma Witbooi -- Case Study: Agreements in Practice Senegal's Marine Fisheries / Emma Witbooi -- EU-Senegalese Fisheries Relations: The 2002–2006 Agreement / Emma Witbooi -- Conclusions / Emma Witbooi -- Bibliography / Emma Witbooi -- Appendix Map of the book / Emma Witbooi -- Index / Emma Witbooi.
Sommario/riassunto	Marine living resources are currently under severe threat from unsustainable use. International law urges a precautionary approach in the use of remaining fish stocks, necessitating rational domestic management of coastal fisheries and requiring foreign nations accessing these stocks to cooperate to this end. The manner in which

bilateral fishing relations between the EU and various West African states have historically played out, however, has not followed this route. This book is a legal study of these relations from an inter-disciplinary and contextual perspective with particular reference to sustainability questions using three broad conceptual lenses: common resource management, integration towards sustainable development and the colonial legacy to interrogate the extent to which these interactions operated as legal instruments of sustainability.