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Autore	Karen L. Beemon (Ed.)
Titolo	Viral Interactions with Host RNA Decay Pathways
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Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Sommario/riassunto	Eukaryotes have evolved a wide variety of RNA decay pathways to maintain cellular homeostasis, carry out programs of gene expression, and respond to changing environmental conditions. Individual RNA turnover mechanisms can operate constitutively or under only particular cellular conditions; similarly, some target many RNAs, while others act with great specificity. It has become increasingly clear that there are extensive interactions between viruses and the host RNA decay machinery. Often, the cellular RNA decay machinery poses a threat to viral gene expression, but viruses can also manipulate RNA decay pathways to promote viral replication. This special issue focuses on how cellular RNA decay factors recognize and degrade viral RNAs and viral strategies to subvert or evade these pathways.

2. Record Nr. UNINA9910522973703321

Autore	Kondrup Claus
Titolo	Climate Adaptation Modelling / / edited by Claus Kondrup, Paola Mercogliano, Francesco Bosello, Jaroslav Mysiak, Enrico Scoccimarro, Angela Rizzo, Rhian Ebrey, Marleen de Ruiter, Ad Jeuken, Paul Watkiss
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Altri autori (Persone)	MercoglianoPaola BoselloFrancesco MysiakJaroslav ScoccimarroEnrico RizzoAngela EbreyRhian RuiterMarleen de JeukenAd WatkissPaul
Disciplina	551.6
Soggetti	Climatology Natural disasters Ecology - Methodology Bioclimatology Earth sciences Geography Climate Sciences Natural Hazards Ecological Modelling Climate Change Ecology Earth and Environmental Sciences
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Nota di contenuto	Introduction from DG-CLIMA -- Introduction from the Editors -- Challenges for adaptation modelling -- Hazard, exposure and vulnerability modelling -- Sectoral models for impact and adaptation assessment -- Adaptation modelling and policy action -- Conclusions.
Sommario/riassunto	This open access book focuses on an issue only marginally tackled by this literature: the still existing gap between adaptation science and modelling and the possibility to effectively access and exploit the information produced by policy making at different levels, international, national and local. To do so, the book presents the proceedings of a high-level expert workshop on adaptation modelling, integrated with main results from the “Study on Adaptation Modelling” (SAM-PS) commissioned by the European Commission's Directorate-General for Climate Action (DG CLIMA) and implemented by the CMCC Foundation – Euro-Mediterranean Centre on Climate Change, in collaboration with the Institute for Environmental Studies (IVM), Deltares, and Paul Watkiss Associates (PWA). What is the latest development in adaptation modelling? Which tools and information are available for adaptation assessment? How much are they practically usable by the policy community? How their uptake by practitioners can be improved? What are the major research gaps in adaptation modelling that needs to be covered in the next future? How? This book addresses these questions presenting the results of a study on adaptation modelling commissioned by the European Commission's Directorate-General for Climate Action (DG CLIMA) enriched by the outcomes of a high-level expert workshop on adaptation also part of the research. This book aspires to provide a useful support to academics, policy makers and practitioners in the field of adaptation to orient them in the expanding adaptation modelling assessment literature and suggest practical ways for its application. This book, mainly addressed to academics, policy makers and practitioners in the field of adaptation, aims to providing orientation in the large and expanding methodological/quantitative literature, presenting novelties, guiding in the practical application of adaptation assessments and suggesting lines for future research. .