Record Nr. UNINA9910824381203321 Autore Ackerman Frank **Titolo** Climate economics: the state of the art // Frank Ackerman and Elizabeth A. Stanton Pubbl/distr/stampa London:,: Routledge, Taylor & Francis Group,, 2013 **ISBN** 1-135-07404-6 0-203-06631-6 1-299-14103-X 1-135-07405-4 Descrizione fisica 1 online resource (viii, 187 pages) Collana Routledge studies in ecological economics;; 27 363.738/74 Disciplina Soggetti Climatic changes - Economic aspects Greenhouse gas mitigation - Economic aspects Lingua di pubblicazione Inglese **Formato** Materiale a stampa Livello bibliografico Monografia Description based upon print version of record. Note generali Includes bibliographical references and index. Nota di bibliografia Introduction -- Climate science for economists -- Damage functions Nota di contenuto and climate impacts -- Climate change impacts on natural systems --Climate change impacts on human systems -- Climate economics before and after the stern review -- Uncertainty -- Public goods and public policy -- Economics and the climate policy debate --Technologies for mitigation -- Economics of mitigation -- Adaptation -- Conclusion. Sommario/riassunto Climate science paints a bleak picture: The continued growth of greenhouse gas emissions is increasingly likely to cause irreversible and catastrophic effects. Urgent action is needed to prepare for the initial rounds of climatic change, which are already unstoppable. While the opportunity to avert all climate damage has now passed, welldesigned mitigation and adaptation policies, if adopted quickly, could still greatly reduce the likelihood of the most tragic and far-reaching impacts of climate change. Climate economics is the bridge between

science and policy, translating scientifi