Record Nr. UNINA9910133220903321 Sustaining soil productivity in response to global climate change: **Titolo** science, policy, and ethics // editors, Thomas J. Sauer, John M. Norman, Mannava V.K. Sivakumar Chichester, West Sussex, UK; ; Ames, Iowa, : Wiley-Blackwell/OECD, Pubbl/distr/stampa **ISBN** 0-470-96023-X 0-470-96025-6 0-470-96022-1 Descrizione fisica 1 online resource (606 p.) Classificazione TEC003060 Altri autori (Persone) SauerThomas J NormanJohn M Siva KumarM. V. K Disciplina 333.76/16 Soggetti Soil management Sustainable agriculture Greenhouse gas mitigation Lingua di pubblicazione Inglese **Formato** Materiale a stampa Livello bibliografico Monografia Description based upon print version of record. Note generali Nota di bibliografia Includes bibliographical references and index. Nota di contenuto Cover: Series page: Title page: Copyright page: Contributors: Foreword: Introduction: 1 Science, Ethics, and the Historical Roots of Our Ecological Crisis; 1.1 Introduction; 1.2 Historical Perspective on Soil Degradation; 1.3 The New Challenge of Global Climate Change; 1.4 White: 1.5 Other Views on the Ethics of Land Use: Leopold et al.; 1.6 Ethical Considerations of Strategies for Climate Change Mitigation: An Example; 1.7 Conclusions; Acknowledgements; 2 Intellectual Inertia; 2.1 Introduction; 2.2 Defining Intellectual Inertia; 2.3 Examples of Intellectual Inertia 2.4 Intellectual Inertia is Unavoidable But Requires Vigilance2.5 Intellectual Inertia and Climate Change Science: 2.6 Optimizing Intellectual Inertia; 3 The Ethics of Soil; 3.1 Introduction; 3.2 Private Property and Personal Ethics; 3.3 Common Pool Resources; 3.4 Public Policy; 3.5 Instrumental Values of Soil; 3.6 Beyond Instrumental Value;

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Sustaining Soil Productivity in Response to Global Climate Change: Science, Policy, and Ethics is a multi-disciplinary volume exploring the ethical, political and social issues surrounding the stewardship of our vital soil resources. Based on topics presented by an international group of experts at a conference convened through support of the Organization for Economic Co-operation and Development, chapters include scientific studies on carbon sequestration, ecosystem services, maintaining soil fertility, and the effects of greenhouse gas emissions, as well as eth