1. Record Nr. UNINA9910865292603321 Autore Wiegandt Klaus Titolo 3 Degrees More: The Impending Hot Season and How Nature Can Help Us Prevent It / / edited by Klaus Wiegandt Cham:,: Springer Nature Switzerland:,: Imprint: Springer,, 2024 Pubbl/distr/stampa **ISBN** 9783031581441 Edizione [1st ed. 2024.] 1 online resource (284 pages) Descrizione fisica 551.6 Disciplina Soggetti Climatology **Ecology** Environmental management Climate Sciences **Environmental Sciences Environmental Management** Lingua di pubblicazione Inglese **Formato** Materiale a stampa Livello bibliografico Monografia Nota di contenuto Chapter 1 Climate and weather at 3 degrees more -- Chapter 2 Biodiversity at the tipping point -- Chapter 3 Agriculture in a hot world -- Chapter 4 Escape from heat, drought and extreme weather --Chapter 5 Economic impacts -- Chapter 6 Stop rainforest deforestation -- Chapter 7 Reforestation in the tropics and subtropics -- Chapter 8 Bauhaus Earth -- Chapter 9 Peatland must be wet -- Chapter 10 Humus enrichment of soils -- Chapter 11 Strengthen terrestrial water cycles -- Chapter 12 Germany under climate stress -- Chapter 13 People must know what they are in for!. This open access book describes in detail what life on this planet would Sommario/riassunto be like if its average surface temperature were to rise 3 degrees Celsius above the preindustrial level. On this basis, the book argues that it is imperative to keep this temperature rise below 2 degrees Celsius. It then lays out a detailed plan of what politically feasible, cost-effective measures should now be taken to achieve this goal. In this context, the book provides detailed discussions of climate finance, climate education and nature-based solutions. The book has been translated

into English from the original German version published in 2022, and

contains an original foreword and preface.