

TERRESTRIAL BIOMES:

Volume 2

Global Biome Conservation and Global Warming Impacts on Ecology and Biodiversity

Edited by Germano Leão Demolin-Leite

Synthesizes information on the threats to and conservation best practices for the world's major terrestrial biomes

Terrestrial Biomes: Global Biome Conservation and Global Warming Impacts on Ecology and Biodiversity explores the effects of anthropogenic activities on Earth's terrestrial biomes, species, and climate. It summarizes operational and potential monitoring tools to conserve or recover terrestrial biomes at a global scale. Written by international experts in ecology and biodiversity conservation, this book identifies the challenges and threats to terrestrial organisms and connects them to real cases of conservation.

Terrestrial Biomes: Global Biome Conservation and Global Warming Impacts on Ecology and Biodiversity is an important resource for students, professors, researchers, governmental and non-governmental organizations active in biodiversity conservation and climate change mitigation seeking guidance on the best practices for terrestrial biome conservation.

Key Features

- Discusses the decline and conservation of the world's major terrestrial biomes
- Provides the use of ecological indicators to analyze the conditions of terrestrial biomes with a global perspective
- Spans desert, Mediterranean, grassland, forest, subterranean, taiga, and tundra biomes
- Highlights the work of researchers whose expertise includes insular biomes, prairies, shrublands, steppes, taiga, tundra, and global warming perspectives

About Editor



Dr. Germano Leão Demolin-Leite is a researcher for the Brazilian National Council for Scientific and Technological Development as well as a full professor in the Institute of Agricultural Sciences at the Federal University of Minas Gerais (ICA/UMFG). He currently teaches courses on animal biology and plant production. Dr. Demolin-Leite's recent research focuses on degraded area recuperation. He has been a coordinator of the Zoology and Entomology Laboratory and Insectarium G.W.G. Morães (*Trichogramma* sp.). He has published more than 230 scholarly journal articles and 6 books. Dr. Demolin-Leite also serves on the review board for numerous journals and periodicals, including Elsevier's *Ecotoxicology and Environmental Safety*.



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