1. Record Nr. UNINA9910329439403321

Titolo	Acta neuropsychiatrica
Pubbl/distr/stampa	[Oxford, UK], : Blackwell Cambridge : #bCambridgeCore
ISSN	1601-5215
Descrizione fisica	1 online resource
Soggetti	Neuropsychiatry Neuropsychology Biological Psychiatry Neuropsychiatrie Neurologia Neuropsiquiatria Psiquiatria Periodical periodicals. Periodicals. Periodiques. Revistes electròniques.
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Periodico
Note generali	Refereed/Peer-reviewed

2. Record Nr. UNINA9910743221103321

Titolo	Greenhouse Gases: Sources, Sinks and Mitigation / / edited by Saurabh Sonwani, Pallavi Saxena
Pubbl/distr/stampa	Singapore : , : Springer Nature Singapore : , : Imprint : Springer, , 2022
ISBN	981-16-4481-0 981-16-4482-9
Edizione	[1st ed. 2022.]
Descrizione fisica	1 online resource (265 pages)
Collana	Biomedical and Life Sciences Series
Disciplina	551.5112
Soggetti	Ecology Environmental chemistry Urban ecology (Biology) Environmental Chemistry Urban Ecology
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	Chapter 1. Introduction to Green House Gases: Sources, Sinks and Mitigation -- Chapter 2. Source Apportionment of Greenhouse Gases in the Atmosphere -- Chapter 3. IDENTIFICATION OF MAJOR SINKS OF GREENHOUSE GASES -- Chapter 4. Greenhouse Gas Emission Flux from Forest Ecosystem -- Chapter 5. EFFECT OF GREEN HOUSE GASES ON HUMAN HEALTH -- Chapter 6. Air Pollution and Greenhouse Gases Emissions: Implications in Food Production and Food Security -- Chapter 7. Optimization of Greenhouse Gas Emissions through Simulation Modeling: Analysis and Interpretation -- Chapter 8. ROLE OF BIOMASS BURNING IN GREENHOUSE GASES EMISSION -- Chapter 9. Ozone Impacts and Climate Forcing: Thailand as a Case Study -- Chapter 10. Role of Nanotechnology in Combating CO2 in Atmosphere -- Chapter 11. Mitigation Strategies of Greenhouse Gas Control: Policy Measures.
Sommario/riassunto	This book begins with a brief background on greenhouse gases sources and sinks and continues with a discussion in different sectors including forest fluxes to human health and modeling techniques to policy measures. The chapters explore in detail about the GHG emission

budgets, mitigation strategies, technical advancement and input-output analysis. Greenhouse gases (GHGs) occur naturally in our atmosphere and are essential to the survival of most of the organisms on the planet earth. GHGs such as such as carbon dioxide, methane, nitrous oxide, and ozone etc. play a major role in balancing the radiative budget, by absorbing or emitting some of the infrared rays reflecting from the earth's surface. But unfortunately, anthropogenic activities like use of fossil fuel, intensive agriculture and livestock farming, use of synthetic fertilizers, deforestation, and industrial processes etc. have drastically interfered in the natural air composition, by releasing excess greenhouse gases into the atmosphere. This has led to the increase in the ability of the atmosphere to absorb more infrared energy. This book is a complete information set covering all aspects of GHGs, sources, sinks and control/mitigation strategies. This book is also written in simple language with helpful photographs, diagrams and flowcharts which will make the reader comfortable in understanding the concepts a more relatively easier way. The book is a valuable tool for students in Environmental Science, Ecology, Biological Science, Economics and Agriculture. It is unique to environmental consultants, researchers and other professionals involved in climate change studies, Non-governmental organizations (NGO's).