1. Record Nr. UNINA9910715330903321

Titolo	Electrical wire insulation degradation caused failure in a safety-related motor control center
Pubbl/distr/stampa	Washington, D.C. : , : United States Nuclear Regulatory Commission, Office of Nuclear Reactor Regulation, , 1991
Descrizione fisica	1 online resource
Collana	Information notice ; ; no. 91-20
Soggetti	Nuclear power plants - Electric equipment Electric wire, Insulated - Defects
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	"March 19, 1991."

2. Record Nr. UNINA9910409701603321

Titolo	Plant Microbe Symbiosis / / edited by Ajit Varma, Swati Tripathi, Ram Prasad
Pubbl/distr/stampa	Cham : , : Springer International Publishing : , : Imprint : Springer, , 2020
ISBN	3-030-36248-5
Edizione	[1st ed. 2020.]
Descrizione fisica	1 online resource (VI, 360 p. 33 illus., 27 illus. in color.)
Disciplina	589.20452482
Soggetti	Microbiology Microbial ecology Botany Microbial Ecology Plant Science
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia

Nota di contenuto	The Rhizobium–Plant Symbiosis: State of the Art -- Diversity and Importance of the Relationship Between Arbuscular Mycorrhizal Fungi and Nitrogen-Fixing Bacteria in Tropical Agroforestry Systems in Mexico -- Nitrogen Fixation in a Legume-Rhizobium Symbiosis: The Roots of a Success Story -- A Genome-Wide Investigation on Symbiotic Nitrogen-Fixing Bacteria in Leguminous Plants -- Symbiotic Signaling: Insights from Arbuscular Mycorrhizal Symbiosis -- Contribution of Beneficial Fungi for Maintaining Sustainable Plant Growth and Soil Fertility -- Biofertilizers Toward Sustainable Agricultural Development -- Plant Microbiome: Trends and Prospects for Sustainable Agriculture -- Plants and Microbes: Bioresources for Sustainable Development and Biocontrol -- Plant-Microbiome Interactions in Hydrocarbon-Contaminated Soils -- Rhizoremediation: A Unique Plant Microbiome Association of Biodegradation -- Pesticide Tolerant Rhizobacteria: Paradigm of Disease Management and Plant Growth Promotion -- Structure and Function of Rhizobiome -- Soil Microbes-Medicinal Plants Interactions: Ecological Diversity and Future Prospect -- Insight to Biotechnological Advances in the Study of Beneficial Plant-Microbe Interaction with Special Reference to Agrobacterium tumefaciens -- Amelioration of Salt Stress Tolerance in Plants by Plant Growth-Promoting Rhizobacteria: Insights from “Omics” Approaches -- Plant Microbial Ecology as a Potential Option for Stress Management in Plants.
Sommario/riassunto	This book provides an overview of the latest advances concerning symbiotic relationships between plants and microbes, and their applications in plant productivity and agricultural sustainability. Symbiosis is a living phenomenon including dynamic variations in the genome, metabolism and signaling network, and adopting a multidirectional perspective on their interactions is required when studying symbiotic organisms. Although various plant-microbe symbiotic systems are covered in this book, it especially focuses on arbuscular mycorrhiza (AM) symbiosis and root nodule symbiosis, the two most prevalent systems. AM symbiosis involves the most extensive interaction between plants and microbes, in the context of phylogeny and ecology. As more than 90% of all known species of plants have the potential to form mycorrhizal associations, the productivity and species composition, as well as the diversity of natural ecosystems, are frequently dependent upon the presence and activity of mycorrhizas. In turn, root nodule symbiosis includes morphogenesis and is formed by communication between plants and nitrogen-fixing bacteria. The biotechnological application of plant–microbe symbiosis is expected to foster the production of agricultural and horticultural products while maintaining ecologically and economically sustainable production systems. Designed as a hands-on guide, this book offers an essential resource for researchers and students in the areas of agri-biotechnology, soil biology and fungal biology.