

1. Record Nr.	UNINA9910688395303321
Titolo	Humus and Humic Substances : recent advances / / Abdelhadi Makan, editor
Pubbl/distr/stampa	London : , : IntechOpen, , 2022
Descrizione fisica	1 online resource (102 pages)
Disciplina	631.417
Soggetti	Humic acid Nucleic acids
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Sommario/riassunto	<p>Besides live biomass and decaying dead biological matter, humus constitutes an important component of organic matter in the soil. Humic substances are heterogeneous polymers formed during the process of decay and degradation of plant, animal, and microbial biomass. The humic fraction of organic matter is a stable nutrient base that serves as a slow-release source of carbon and energy for indigenous, slow-growing microorganisms in the soil. This book discusses recent advances and applications of humus and humic substances in agriculture, industry, and the environment. Chapters address such topics as the chlorination and phenanthrene sorption for humic and fulvic acids extracted from different soils, humic substances as growth promoters for farm animals, dynamics and function of humus from tropical forests, and much more.</p>