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DESCRIPTION

AIMS

Soil Biology & Biochemistry publishes original, scientifically challenging research articles of international significance that describe and explain **biological processes** occurring in **soil**. These include the possible applications of such knowledge to issues of soil and environmental quality - insofar as such studies inform our understanding of the role of **soil biology** and **biochemistry** in mediating soil functions, agricultural sustainability and ecosystem services. The ecology and biochemical processes of soil organisms, their effects on the environment and their interactions with plants are major topics. The applications of new molecular, microscopic and analytical techniques to understanding and explaining population and community dynamics is of great interest. The journal also publishes state-of-the-art reviews of contemporary research that present significant and novel hypotheses, as well as comments and arguments about specific and often controversial aspects of life in the soil.

SCOPE

The scope of *Soil Biology & Biochemistry* is wide and embraces accounts of recent original research on any aspect of the biology and biochemistry of soils. Some of the subjects that are receiving increasing attention are: novel molecular approaches to explore community dynamics and processes and provide bioassays for soil phenomena; modelling of soil biological and biochemical processes; mitigation and adaption to climate change; carbon storage and soil organic matter dynamics; effects of introduced genetically modified organisms; application and outcomes of biotechnology on the soil environment and its biological functions; biological farming; role of soil biota in ecological engineering; microbial and plant signalling mechanisms; effects of invasive species; soil structure and biota interactions; and relationships between the biota and soil physicochemical properties.

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Soil biologists, biochemists, plant scientists, agricultural scientists, environmental scientists, earth scientists, botanists, ecologists and entomologists.

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GUIDE FOR AUTHORS

INTRODUCTION

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