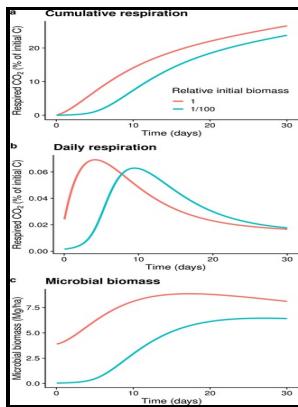


# Techniques for the assessment of microbial production and decomposition in fresh waters.

Blackwell Scientific Publications [for] International Biological Programme - Microbiological Reduction Strategies of Irrigation Water for Fresh Produce



Description: -

Freshwater microbiology. Techniques for the assessment of microbial production and decomposition in fresh waters.

- IBP handbook -- 23.

IBP handbook, no. 23 Techniques for the assessment of microbial production and decomposition in fresh waters.

Notes: Bibliography: p. 99-105.

This edition was published in 1972



Filesize: 35.97 MB

Tags: #Seasonal #microbial #activity #in #Antarctic #freshwater #lake #sediments

## Exploitation of algal

Additional, remote sensing studies have shown that similar systems exist on the eastern coast of the Dead Sea. In the biofilms from the southern system 75–85% of the sequences are associated with known sulfide oxidizing bacteria. The lack of methanogenesis in the DEC samples also indicate the fungi present are unable to produce the same by-products like acetate that bacteria do, which are used by methanogens to generate energy and methane.

## Microbial succession on decomposing root litter in a drought

Learning from terrestrial studies 9. The 12C and 13C peaks could be clearly distinguished from each other in the mixture of SPE-DO 13C and deep sea SPE-DOM.

## Interrelations between sulfate

Green sulfur bacteria are usually strictly anaerobic organisms, and contain a quenching mechanism for protection against oxidation. In the irrigated plots, the dominant fungal orders in the second year were Hypocreales, Hymenochaetales, Agaricales, and Sebacinales. In recent years, studies have shown that most of this pool is recalcitrant, because individual compounds are present at low concentrations and because certain compounds seem resistant to microbial degradation.

## Litter Decomposition in Aquatic Ecosystems

It is a simple water-treatment method that can be used to disinfect small quantities of water with low turbidity. Carlsen MH, Halvorsen BL, Holte K, Bøhn SK, Dragland S, Sampson L, et al. Furthermore, the application of ozone and H<sub>2</sub>O<sub>2</sub> can also be combined during water treatment.

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