

# Calcification of Algal biofilms in hard waters - occurrence and control

University of Birmingham - Phosphorus uptake into algal biofilms in a lowland chalk river



Description: -

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## [PDF] Biogeochemical Processes and Implications for Nutrient Cycling

The composition of the medium was based on that found in a natural hardwater marina where precipitation of CaCO<sub>3</sub> within algal biofilms occurred. Dinsdale EA, Pantos O, Smriga S, Edwards RA, Angly F, Wegley L, et al. Algal biofilms have immense significance in environment, industry, agriculture, and health, both from a useful and nuisance perspective.

## Research papers

Recreational tanks and whirlpool spas are increasingly being used as hydrotherapy equipment. An electronic descaling system prevents scale from forming in water-filled pipework and on heat-transfer surfaces.

## Research papers

Your use of this feature and the translations is subject to all use restrictions contained in the of the BioOne website. Hapalidiales, Rhodophyta : the third most abundant maërl-forming species in the Atlantic Iberian Peninsula. Valves permit the isolation of a portion of the water system within a facility during repairs or maintenance.

## Algal biofilm based technology for wastewater treatment

Ocean acidification is predicted to directly impact calcifying organisms by reducing calcification rates. To characterize the seasonal and interannual patterns of key abiotic conditions in the largest described maërl bed of the Portuguese coast, temperature, irradiance, and dissolved oxygen were continuously monitored over a 2-year period.

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Results were performed with EXCEL 2013 Microsoft Office Enterprise, USA and OriginPro 8.

## **Deposition of Calcium Carbonate within Algal Biofilms on Antifouling Paints in Hard Waters**

The disinfection of public water supplies by chlorination is among the most important advances and contribution to civilization by civil engineers.

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