

## عنوان مقاله:

A taxonomic study of blue-green algae based on morphological, physiological and molecular characterization in Yazd (province terrestrial ecosystems (Iran

## محل انتشار:

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## خلاصه مقاله:

Based on the limited resources available to algal flora in Yazd province in the center of Iran, cultivation, purification and identification of soil algae from seven sites was performed in summer ۲۰۱۳. The soil samples were processed for analysis of Cd, Pb contents. The present paper attempts to analyze survey of soil blue-green algal identification in different types of stations, using morphological, physiological and molecular characterization. Pb bioremediation assay, determination of chlorophyll, carotenoid and phycobiliproteins content measurements was investigated as physiological characterization. Kamptonema animale, Leptolyngbya breviariculata and Kamptonema sp. are new to Iran and Oscillatoria tenuis with high heavy metal absorption could play an important role as biomonitoring agent

## کلمات کلیدی:

bioremediation, CD, heavy metals, morpho-species, Pb

## لینک ثابت مقاله در پایگاه سیویلیکا:

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