

عنوان مقاله:

Introducing of new windbreak machine for controlling of dust storms

محل انتشار:

دومین همایش بین المللی گرد و غبار (سال: 1397)

تعداد صفحات اصل مقاله: 6

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خلاصه مقاله:

In order to control high level of PM concentrations especially for dust stabilization in Iran, many studies applied different methods, including biopolymer, chemical polymer, planting in salinity and draught soil but the results were not satisfactory. The results of compressive strength, MWD and aggregate stability showed that durability of three polymers were less than 7 months in nature. After 5 months, polymers had lost their adhesion properties and had decomposed and after rainfall the compressive strength and the aggregate stability were down sharply. However, the effective strategies for stabilizing of dust need be addressed. However, in this paper the author would like to introduce .new sustainable strategy using windbreak machine against dust storm and wind erosion

کلمات کلیدی:

Windbreak, Dust storms, Polymer, Device

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