

عنوان مقاله:

.Some morphological and physiological responses due to industrial air pollution in Conocarpus erectus L

محل انتشار:

چهارمین همایش بین المللی مهندسی کشاورزی و محیط زیست با رویکرد توسعه پایدار (سال: 1397)

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خلاصه مقاله:

This survey has been done to study the effects of Mahshahr Petrochemical air pollution, such as ozone (O₃), sulfur dioxide (SO₂), Carbon dioxide (CO₂) on Conocarpus erectus. For this purpose, physiological indicators such as leaf area, petiole length, dry weight of leaf, Photosynthetic pigments, ascorbic acid and prolin content were used to evaluate these effects. Based on obtained results, Conocarpus erectus has decreased leaf area, petiole length, dry weight of leaf and photosynthetic pigments and has increased , ascorbic acid and prolin content. In finally, the observed responses are regarded as adaptive and compensative to the adverse effects of air pollution

کلمات کلیدی:

.Ascorbic acid, Air pollution, Conocarpus erectus, Photosynthetic pigments, Prolin

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