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## **Regeneration of Shadegan wetland from the perspective of Aquaculture development and Dust Inhibiting with the approach of Sugarcan Industry Drainage management**

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### **Abstract**

Wetlands are aquatic ecosystems that keep the evolution tree from single cell to excellent animal and hence the most important gene bank are about vegetation and animal in the world after the rain forests. Shadegan wetland is the largest wetland in Iran, located at south of Khuzestan province. In addition to its diverse capacities, this wetland is also important for the fisheries and environment. Nowadays, the name of the Shadegan wetland has been categorized in the list of wetlands that have been damaged. It is worth noting that in the field of environmental issues, the ideal management is in the balance of the environment. In such critical conditions, it is important to save the ecosystem and its components, so dewatering the wetland is very important. Therefore, the restoration of dry wetland in Khuzestan Province and their dehydration by sugarcane drainage are very much considered. Considering the importance of this issue, this study attempts to emphasize on the positive and beneficial aspects of sugarcane drainage entry in Shadegan wetland with the approach of improving aquaculture status in the area and in controlling dust.

**Keywords:** Shadegan Wetland, Sugar cane, Aquaculture, Dust Inhibiting

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