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EVALUATION OF THE BIODIVERSITY AND FACTORS THREATENING ON IN ZAYANDEHROUD

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Introduction:

Zayandehroud (Zenderoud) means the living donor, is the largest river in the central plateau of Iran. Originated from the central Zagros Mountains in Iran's central desert to the East and eventually going to Gavkhony. Zayandehroud currently supplies drinking water to a population of over 5 million people in four state: Isfahan, Chahar Mahal and Bakhtiari, Yazd Central (Delijan). Closure of water causes loss of natural ecosystems, watersheds, successive droughts, drastic reduction of biodiversity, loss and migration as well as many bird species from this region. Deposition of wastewater discharged from factories and pumping water with residual waste by farmers in the area is caused irreparable impacts in the basin.

Material and Method:

During the closure of the water, an overlooking area in the border of zayandehroud river with 80 hectare was visited for 1 year and 65 times in different seasons, different times, before and after the drought and animal (Especially birds) species in the area were photographed.

Results and Discussion:

After repeated visits to study area, 50 species of birds were identified and photographed. Studies show that the establishment of the park close to the area, illegal hunting and loss of wintering birds because of feeding on wastewater, are the main reasons for the reduction of biodiversity in the area. It is suggested this region and similar areas managed with a complete and integrated governmental system, along with, the indigenous people should be taught the culture of environmental and biodiversity protection.

Keywords:

Zayandehroud, Biodiversity, Bird.

References:

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