

The White Stork (*Ciconia ciconia*) in the Wetlands of North East of Algeria

Authors : Aicha Beya Mammeria, Idir Bitam

Abstract : Our study focuses on the distribution of the white stork "*Ciconia ciconia* L. 1758" in the wetlands of El Tarf (North eastern of Algeria): recognized by its remarkable number of breeding pairs, monitoring of nesting, using a GPS has been performed in an attempt to explain the functioning of populations and population strategies for an overall design of its distribution, which has not so far been investigated in this region. Between 2012 and 2013, the number of breeding pairs has increased considerably from 174 in 1996 to 475 in 2007 and 968 in 2013. It should be noted that in the distribution of breeding pairs between 1996 and 2011, there is a significant development since the density of nests increased from 25.22 in 1996 to 84.16 couples/100 km² in 2013. More endemic bread appears in the region, this fluctuation is related to climatic change and changing season. Changes related to local climatic conditions might induce binding conditions for the development of this species.

Keywords : white stork, *Ciconia ciconia*, wetland El Tarf, northeast Algeria, climatic changing, density

Conference Title : ICASVM 2015 : International Conference on Agronomic Sciences and Veterinary Medicine

Conference Location : Venice, Italy

Conference Dates : April 13-14, 2015