

ENVIRONMENTAL PROBLEMS IN LAKE VISTONIS THRACE REGION, NORTHERN GREECE

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ABSTRACT

Lake Vistonis is a shallow coastal lake in the region of Thace, Northern Greece surrounded by numerous marches, bogs and swamps. The lake is directly connected to the sea and it is a very important biotope for wide life especially some kinds of birds. The last decades it has been polluted by various sources and the rate of shrinkage due to sedimentation increased, creating serious problems to biota (fauna and flora), living in and around the lake. In this paper some of these problems are discussed and the possible sources creating them are examined. The mean sedimentation rate in the last 140 years is estimated and some preventives measures are suggested.