

INVENTORY OF CHANGES IN WATER REGIME OF GREEK WETLANDS

THE GOULANDRIS NATURAL HISTORY MUSEUM
GREEK BIOTOPE/WETLAND CENTRE (EKBY)

LEGEND

- National boundaries
- Highways
- Major roads
- Railways
- Rivers
- Lakes

The changes in water regime caused by diversion of water courses, dams or other installations for retention and storage of water and irrigation schemes were assessed. The relevant data were taken from the Greek Wetland Inventory (GRIN). The significant causes of water regime changes are depicted by a different color. The geographical location of IBA (Important Bird Areas) wetlands is depicted by a shaded circle whereas this of the non-IBA wetlands by a blank circle.

Causes of water regime changes of Greek wetlands

- Diversion of water courses
- Dams or other installations for retention and storage of water
- Irrigation schemes
- (IBA) IMPORTANT BIRD AREAS
- Non-IMPORTANT BIRD AREAS

DELTA

- | | |
|----------------|------------------|
| Q5 1 Sperchios | Q2 12 Volvi |
| Q4 2 Kalamas | Q1 13 Vegoritida |
| Q3 3 Evros | Q4 14 Ioanninon |
| Q2 4 Nestos | |

MARSHES

- Q2 15 Stavronikitas

ESTUARIES

- Q10 5 Geropotamos
Q10 6 Platania
Q11 7 Aposelemis

RESERVOIRS

- Q10 16 Agia
Q2 17 Kerkini

LAGOONS

- Q4 8 Chalkioupoulou

SPRINGS

LAKES

- | | |
|---------------------|--------------------|
| Q3 9 Vistonida | Q2 18 Aravissos |
| Q5 10 Dystou | Q5 19 Mavroneri |
| Q11 11 Mikri Prespa | Q5 20 Krya Livadia |
| | Q5 21 Chariton |

- The outline map of Greece, the roads, the railway network, the rivers and the lakes, are taken from the digitized base map of the Army Geographical Service, scale of 1:1000000 (Projection System EGSA 87).
- This map is based on data provided by the EKBY project "Inventory of Greek Wetlands as Natural Resources" and depicts the significant causes of water regime changes of the Greek wetlands.
- Plotting and processing of the map was performed by EKBY in cooperation with the Laboratory of Forest Management & Remote Sensing, Dpt. of Forestry and Natural Environment, Aristotelian University, Thessaloniki.
- The Greek Biotope/Wetland Centre (EKBY) was established in 1991, as a result of a proposal to CEC by the Greek Ministry of Environment, Physical Planning and Public Works, under CEC Contract Number B91/91sin/8192 signed by the Commission of European Communities (DG XI) and The Goulandris Natural History Museum.
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