



Ecosystem services - lakes Vaya (Burgas, Bulgaria) and Gala (Enez, Turkey)

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Ecosystem services

The benefits that people receive from nature

- 4 categories ESC:
- **Support services** - the services that create the conditions necessary to provide all other ecosystem services such as photosynthesis or soil formation.
 - * **Material services** - all products originating from ecosystems, such as foods, fibers, fuels, herbs and medicinal plants, genetic material, drinking water.





Ecosystem services

The benefits that people receive from nature

- 4 categories ESC:
- **Regulating services** - the ability of ecosystems to regulate important natural processes such as climate regulation, water quality and quantity, etc.
 - * **Cultural services** - intangible benefits of ecosystems such as the aesthetic and recreational value of the landscape.



Measures for conservation and restoration of natural heritage in
Bourgas and Enez (MoreCare), CB005.12.1.115



ECOSYSTEM SERVICES OF THE LAKE GALA, ENEZ



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GALA GÖLÜ MİLLİ PARKI





LAKE GALA

- Alluvial freshwater dam lake;
- 10 km away from Enez;
- 23 km away from Ipsala;
- Near to the delta of Maritsa River;
- 5.6 km² surface area ;
- 2 m above the sea level;
- 0.4 - 2.2 m depth;
- Big Gala and Small Gala lakes;
- Fed by drainage canal from Maritsa river, other small streams and rain.





LAKE GALA

- Surrounded by wide reed areas;
- Fields of intensive planting of rice



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LAKE GALA





LAKE GALA

- From 1991 - nature reserve
- From 2005 - national park

Gala Lake National Park

- 3090 hectares wetland;
- 3000 hectares forest area
- 6090 ha TOTAL area





Gala Lake National Park Biodiversity

- 311 plant species;
- 217 bird species;
- 16 fish genera;
- 42 species aquatic plants;
- 15 species of trees



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Gala Lake National Park



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