

**WATER PROTECTION ZONES AND COASTAL PROTECTIVE STRIP OF THE  
COAST OF SOUTH-EASTERN CRIMEA**

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Adapted methodology for the allocation of water protection zones in relation to survey area. Maps of the limiting factors of landscape planning of the territory, the landscape planning and water protection zoning. On the first map showing the boundary of the water protection zone, carried out in accordance with the legal provisions and presents water protection zone around lakes, suburban areas of cities, the elements of an ecological network buffer zone object NRF, environmental unstable territory, physiographic unstable territory, environmental centers and nature of the kernel.

On the map of landscape planning presents functional areas use throughout, reflecting three aspects: the objectives of nature conservation; natural spatial structure and economic development of the territory; conflict natural resource management. The short characteristic of the zones.

The final stage of the research is water protection zoning. It is made on the basis of joint analysis of different physico-geographical maps, maps of modern landscapes, limiting factors of landscape planning and the landscape planning. Considering environmental factors in conjunction with special recreational value of this part of the black sea coast, the width of the water protection zone is proposed to increase significantly compared to the minimum size, provided for by the legislative acts. The ways of optimization of nature management on the southeastern coast of the Crimea to improve the water quality of coastal waters.

**References**

1. Water code of the Russian Federation [Electronic resource] - Mode of access: <http://ipip.ru/vodniy-kodeks/65/>
2. Skrebets G.N., Bystrova N.V. Physico-geographical basis for the design of water protection zones and coastal protective strips in the South-Eastern Crimea / G.N. Skrebets, N. V. Bystrova // Scientific Notes of Taurida National V.I. Vernadsky University. – Series: Geography. – 2013. – Vol. 26(65), No. 4. – P. 54-63.
3. Skrebets G.N., Bystrova N.V. Modern landscapes of the coast of South-Eastern Crimea / G.N. Skrebets, N. V. Bystrova // Geopolitics and ecogeodynamics regions, 10, Vol. 2 - Simferopol. - 2014. - S. 769-772.
4. Zherelina I.V., Stoyashcheva N. V., Polyakov A.A., Kormakov V. I. Design of the water protection zones and coastal protective strips of water objects / I.V. Zherelina, N. V. Stoyashchev, A.A. Polyakov, V. I. Kormakov//the Bulletin "Use and Protection of Natural Resources in Russia" - 2006. - No. 3. – Page 52 – 59.
5. Malikov S. S. Research of technologies of establishment of the water protection zones and coastal protective strips [An electronic resource] / Malikov S.S. - the access Mode: <http://www.masters.donntu.edu.ua/2009/ggeo/malikov/diss/index.htm#5>
6. Radionov G. P. Design of the water protection zones with application On ESRI [An electronic resource] / G. P. Radionov, T. A. Kuletskaya, A.I. Rudov. - Access mode.: [http://www.dataplus.ru/Arcrev/Number\\_36/14\\_zone2.html](http://www.dataplus.ru/Arcrev/Number_36/14_zone2.html)

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