

**COMPARISON OF LEGISLATION OF TURKEY AND OTHER COUNTRIES OF
PROTECTION OF DRINKING WATER BASINS AND DEVELOPMENT OF
SUGGESTIONS**

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EXPERTISE THESIS ABSTRACT

The purpose of this study is to investigate applications in the World and to develop new recommendations for Turkey in order to protect the water resources which are used or planned as drinking water considering from the point of quantity and quality.

In accordance with the above mentioned purposes primarily with legislation in force in Turkey on this issue already applied in conservation approaches it has been evaluated. Then the drinking water of the European Union for the protection of watersheds, the US, Jordanian legislation with Jordan, Germany, Italy, Portugal and some US state of protected areas that Constance is supplied with drinking water approaches, Leman, examples other than to protect areas like Chew Valley Lake were investigated. Legislation and practices in Turkey and foreign countries studied legislation and practices are built by comparing overall results and recommendations.

Results of examinations and assessment of applications available has been seen can not be achieved in Turkey. The implementation of the legislation meri our country as significant challenges and uncertainties found for all surface drinking water sources in Turkey defined the same protection and the same safeguards of a conservation approach in the form of restriction or prohibition of certain activities in the protected area has been found to be adopted. Each implementation of drinking the same water catchment protection areas and measures that provide effective protection, and was determined to be feasible.

In other countries where adoption of conservation areas examined approaches to prepare for each basin and drinking water it has been shown to create the legal infrastructure in this direction. Each drinking water supply with specific scientific studies and taking into account the features of the watershed protection areas and restrictions are determined by governing water supply. In our country, every drinking water protection plan for the preparation of a separate basin and applicable to develop effective conservation approaches, the legislation are believed to be renewed in this direction.

Keywords: Drinking Water, Protection Areas, Special Provisions, Drinking Water Basin, Protection Plan, Basin.