

# **EVALUATION OF DROUGHT MANAGEMENT APPLICATIONS IN EUROPEAN UNION AND TURKEY**

**PREPARED BY YELİZ SARICAN**

**ANKARA-2015**

**EXPERTISE THESIS ABSTRACT**

Drought is among the most damaging and least understood of all natural hazards. Sometimes it takes a single season and also affects only a small area, ancient climate records show that droughts have sometimes during for years and have impacted thousands of square kilometers. To reduce of the affects of drought with the risk management, which includes the practices to be done before the drought occur, is more effective than the crisis management approach which was applied after felt drought phenomenon. Therefore, plans should be developed for the purpose of combat drought and risk management strategies should be preferred instead of crisis management strategies. Our country is governed by crisis management strategies rather than preventing mitigation and provide reducing drought effects. Studies has been begun to change the aforementioned management.

Looking at Europe, It appears that dangers of water scarcity and drought has increased over time. Although, there are developments about the measures was determined by EU Water Scarcity and Drought Commission, there are conceptual, knowledge and management gaps. The European Commission reports emphasized that the approach of drought management needs to be improved and it seems that the importance of the preparation for the plans of drought management.

The main aim of this thesis is determination of drought management strategies and the weaknesses of this strategies implemented in our country, surveying the research and the implementation about this topic in EU and comparing with our country. With this aim our country's historical drought events have researched and institutions working on drought was investigated. Also legislation which has drought term were identified and the studies in this regards researched. As a result, in our country and Europe, current drought management studies and institutions which are responsible for the management of drought were examined. Also it has been developed proposals for the provision of a more successful drought management in our country.

**Key words:** Drought, Drought Risk Management, Drought Crisis Management, Drought in Turkey, Drought Legislations, European Union and Drought