

**DETERMINATION OF A METHODOLOGY APPLICABLE IN TURKEY FOR THE  
PRIORITIZATION OF DANGEROUS SUBSTANCES OCCURING IN WATER  
RESOURCES**

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**EXPERTISE THESIS ABSTRACT**

In this study, with the objective of proposing a methodology to identify the specific pollutants, existing prioritization methodologies were evaluated, studies conducted in other countries were investigated, a pilot application of the prioritization methodologies namely COMMPS, NORMAN and TTS was presented and weighting factor and threshold value methodologies were proposed for comparative evaluation of the outcomes of prioritization studies. At the end of this study, triclosan, biphenyl and 2-chloronaphthalene were ranked in top 3 in weighting factor approach while in threshold value approach, biphenyl, triclosan and tetrachloroethylene were ranked in top 3. It was aimed to contribute to the efforts on prioritization of chemicals and identification of specific pollutants in Turkey.

**Keywords:** Specific pollutants, dangerous substances, prioritization of chemicals, COMMPS, Water Framework Directive, water quality