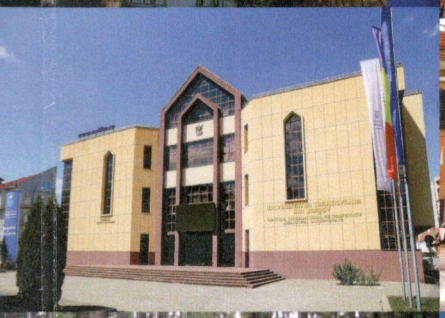
FORMEC 2017

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PLANNING OF SKID ROADS AFTER FOREST FIRE IN TURKEY (A CASE STUDY OF ADRASAN FOREST ENTERPRISE)

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Abstract: *Forest fires are very important for our country's forests. Especially, forest fires have inflicted great losses on the Mediterranean and Aegean areas. Until the last five years, the forest area loss is too much during forest fires. For our country, forest fires gives great harm to the natural life and besides, forest fires cause economic losses. Adrasan region is located in Antalya province and this region is a touristic attraction. Adrasan forest fire has occurred in June, 2014. In this fire were burned 140 hectares area and 14810 m³ trees. Burned area is completely Pinus brutia forest. After the fire, the burned area should be planted in a year. Therefore, trees inside burned area should be completely emptied. Products are in the form timber and industrial wood. Within the Adrasan region, firstly, skid road is opened. Average slope of region is between 10% and 80%. The slope of skid road is changed between 10% and 18%. The different type farm tractors are used to burn area. Tractors are done skidding and transporting. The slopes of some skid roads are very high and this situation is very dangerous for workers and tractors in this area. In this study, skid roads planning are investigated in burn area. The skid roads are done planning after forest fires in these very important areas. The skid roads constructions are very difficult and dangerous when skid road planning isn't done then. Also, the forest area is divided into sections unnecessarily. The skid road planning should be finish before forest fire. Especially, skid road planning should be in fire sensitive areas. So, after the forest fires, the extraction operations will be fast, economical and safety.*

Keywords: forest fire, skid road, skid road planning, extraction