

# The impact that natural disasters (floods) in the city of Shkoder had on increasing of Leptospirosis disease around 2010-2011.

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## Abstract

Leptospirosis is an infectious disease which is passed through species from animals to people and it is present in different geographical periods and spaces.

This disease has got a seasonal feature. In geographical spaces with soft climate happens in Summer and Autumn seasons, whereas in tropical areas is present during the rainy season.

The case that was taken into study is from municipality of Shkoder, Albania, which went through a flooding season in December 2010 - January 2011. The geographical space of Shkoder has got an average Mediterranean climate, where the heaviest annual rainfall is in the Spring and Autumn seasons.

According to the Health Public Institute, the cases with Leptospirosis disease are present every year, but during Floods in 2010-2011, 32 cases were evidenced, which is approximately 41 percent in republic scale.

The increasing cases of Leptospirosis is attributed to the floods which city and rural areas went through. Mice were the ones who transmitted this disease to humans.

The Municipality of Shkoder and its surrounding areas are located in these geographical factors: the lower height above sea level, the water complex (Lake of Shkodra- River Buna and Drini) and the climate features where approximately 80 percent of rainfall is during November—March. Whenever there is flood there is leptospirosis as well.

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