



ACADEMIC YEAR 2017 – 2018

TITLE OF DIPLOMA THESIS:

Risk analysis methodology in urban historical fills

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ABSTRACT

This diploma thesis is intended to presenting and analyzing the risk analysis methodology to be followed during the identification phase of a project, focusing on urban fills and especially on historic fills. For the presentation of the methodology to be followed was carried out mainly by bibliographic research as well as discussions with those responsible people, for describing the examples, which analyzed in the paper. The diploma thesis is structured in the following five chapters : Chapter 1: Introduction, Chapter 2: Technogeological recognition of soils, describing the process of identifying the soil in the area of construction of the project, classifying it into categories that are subject to specific characteristics. Chapter 3: Risk analysis methodology in urban historic fill, analyzing the steps required in every case. Chapter 4: Presentation of two examples of the risk historical findings, one of which refers to the historical center of Thessaloniki, while the second refers to a quarry area with problems of the "Greyfield" area. At this point, the studies carried out, as well as the problems presented, focusing on identifying historical findings. Chapter 5: Conclusions, at this point summarize the conclusions that are drawn during the elaboration of the diploma thesis.

KEYWORDS

Risk analysis methodology, urban - historical fills, archaeological research, technical and geological recognition