

Abstract

On January 1st, 2019 a multidisciplinary SBO-project kicked off with the munitions dump, located on the Paardenmarkt, in its crosshairs. Under the name DISARM, an interdisciplinary workflow with an integrated scientific approach to risk and management will be developed for marine munition dumpsite research. DISARM is an abbreviation for: *Dumpsites of munitions: Integrated Science Approach to Risk and Management*. Within this research, AMACORT, the Antwerp Maritime Academy Corrosion Team, will determine the current and future state of the dumped munitions with regards to corrosion. By means of an experiment a corrosion model will be developed. The goal of this thesis is to describe the experimental set-up that will be used, and to identify all possible parameters of the set-up, and the reason the research is conducted. In addition, the types of metal and corrosion mechanisms that will be tested, will also be described.