

## Abstract

Corrosion is a worldwide problem that exists in almost all the aspects of our society. To easily show the impact and importance of corrosion, the cost of corrosion is used. This is a monetary value that showcases how much money is spent on the issues surrounding corrosion.

From an economic point of view, this problem can be viewed in two parts, a macro-economic impact, on the economy of a country, or a micro-economic impact, on one company.

By comparing the different studies that have already been carried out on a macro-economic level, the advantages and disadvantages of the different methods used are determined.

From this, the Hoar method emerges as the best for trying to determine the microeconomic impact. To this end, a questionnaire is drawn up that assesses both the cost of corrosion and the corrosion management policy within an individual company.

The processing of the obtained results shows that on the one hand, there is still a great need for a higher degree of awareness of the economic cost of corrosion and that on the other, it can serve as a proof of concept to determine the micro-economic impact of corrosion on the basis of a questionnaire.