

Abstract

An economic analysis method for building protection measure is disclosed, including the following step: using the first prediction model to determine the function between the first estimated cost and stand-off distance; Using the second prediction model to determine the function between the second estimated cost and stand-off distance; Determining the function between the combined estimated cost and stand-off distance based on at least the first estimated cost and the second estimated cost; And extracting at least one combined estimated cost for economic decision based on predetermined requirements. The economic analysis method for building protection measure can be used as an effective tool to find out the optimal stand-off distance and protection system to be used, and to determine land use and space planning during the research phase of development and implementation.