



Case Study Category: CA Int

Case Study Title: Korea Water Resources Corporation's Statistical Estimation Model of Water Pipe Deterioration by Mathematical Function

Utility Name: Korean Water Resources Corporation

Case Study Abstract: Korean Water Resources Corporation (K-water) funded a study to establish a methodology for predicting present and future risks of failure of aging water pipes, and accordingly planning long and short-term strategies for renewal of those pipes. The methodology was then verified through application to transmission pipelines in sites selected from multiple regions. This case study focuses on the development and results of this newly established methodology.

Case Study Link: <http://waterid.org/content/korea-water-resources-corporations-statistical-estimation-model-water-pipe-deterioration-mat>