Abstract

One of the tasks of the Swedish Civil Contingencies Agency, MSB (*Myndigheten för Samhällsskydd och Beredskap*), is to partake in relief efforts in foreign countries. Before these relief efforts, roads are inspected for accessibility to ensure that communications will work. The road inspections are currently being performed by hand with the use of pen and paper, which brings difficulties to distribution of information.

During the course of this thesis project, Sweco Position Karlstad has developed a digital road inspection tool for MSB that recieves information from a road inspector and stores this information in a database. This road inspection tool may in the future replace the pen and paper inspections and ease the work of the road inspectors.

In this dissertation, a prototype of a web map that displays data from a road inspection is presented. Using a web map to display the results of a road inspection offers several advantages, as it eases distribution of information and allows end users to make selections about what data they want to view.