



Research School for Operations
Management and Logistics

Efficient planning of fire fighter services

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In serious life-threatening situations where every second counts, the timely presence of firefighter services is crucial. Motivated by this, many fire departments explore new ways of working in order to reduce response times for fire emergency incidents. In this project, we develop: (1) quantitative models for forecasting fire incidents, (2) models for determining optimal locations of fire stations, (3) models for optimal dispatching and relocation of fire trucks.

The project is part of a collaboration between CWI/VU and the Fire Department Amsterdam/Amstelland