

The Use of Simulation Programs of Leakage of Harmful Substances for Crisis Management

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Abstract : The paper deals with simulation programs of spread of harmful substances. Air pollution has a direct impact on the quality of human life and environmental protection is currently a very hot topic. Therefore, the paper focuses on the simulation of release of harmful substances. The first part of article deals with perspectives and possibilities of implementation outputs of simulations programs into the system which is education and of practical training of the management staff during emergency events in the frame of critical infrastructure. The last part shows the practical testing and evaluation of simulation programs. Of the tested simulations software been selected Symos97. The tool offers advanced features for setting leakage. Gradually allows the user to model the terrain, location, and method of escape of harmful substances.

Keywords : Computer Simulation, Symos97, Spread, Simulation Software, Harmful Substances

Conference Title : ICEM 2015 : International Conference on Energy Management

Conference Location : Rome, Italy

Conference Dates : December 03-04, 2015