RISK Meetings on Transportation 2010

WORKSHOP PRESENTAZIONI SICURO 2010
Aperto agli studenti dei corsi di Trasporti

RICONOSCIMENTI PROGETTO SICURO

METHODOLOGIES FOR EVACUATION CONDITIONS MANAGEMENT
Chair: Francesco Russo
Day: 9 September 2010
Time: 17:00 - 19:00

A methodology for transportation planning to evacuation conditions: product evaluations
Corrado Rindone, Francesco Russo

A methodology for demand simulation to evacuation conditions
Giovanna Chilà, Francesco Russo

A methodology for emergency vehicles path design to evacuation conditions
Antonio Polimeni, Agata Quattrone, Antonino Vitetta

A methodology for road transport network design to evacuation conditions
Filippo Alessandro Marcianò, Giuseppe Musolino, Antonino Vitetta
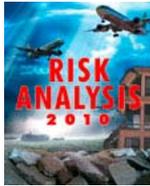
DECISION SUPPORT SYSTEM FOR EVACUATION
Chair: Francesco Russo

Decision Support System for people evacuation: mobility demand and transportation planning
Francesco Russo, Corrado Rindone, Giovanna Chilà

Decision Support System for evacuation planning: supply, assignment and routing
Giuseppe Musolino, Antonio Polimeni, Antonino Vitetta

ADVANCED MODELS FOR EVACUATION
Chair: Antonino Vitetta

A sequential dynamic choice model to simulate demand in evacuation conditions
Francesco Russo, Giovanna Chilà

Data Envelopment Analysis (DEA) for evacuation planning
Francesco Russo, Corrado Rindone

An approach to design vehicle routes in evacuation conditions
Antonio Polimeni, Agata Quattrone, Antonino Vitetta

Signal setting design on a road network: application of a system of models in evacuation conditions
Filippo Alessandro Marcianò, Giuseppe Musolino, Antonino Vitetta