

Session 1b: "Future directions for wildfire evacuation modelling" theme: evacuation during wildfire and next generation of decision support systems

Civil protection emergency plans are mandatory for every local administration in Italy. In case of wildfire risk, experience seems to direct the improvement of such plans to a dynamic approach, where real time decisions about the measures to adopt to protect people's life prevail on previously decided evacuation/shelter in place orders.

Information technologies, together with enhanced capabilities of simulating fire spread and people evacuation, are fully available to build systems that, based on the data of the on-going situation, let authorities compare the options which determine the instructions to provide to the population.