

Computer Models For Fire and Smoke

<i>Model Name:</i>	Allsafe
<i>Version:</i>	1.0
<i>Classification:</i>	Deterministic computation of time necessary to escape
<i>Very Short Description:</i>	Computation of escape time as a function of human factors and the influence of both technical and organizational safety measures
<i>Modeler(s), Organization(s):</i>	InterConsult Group ASA
<i>User's Guide:</i>	A User's Guide for ALLSAFE 1998 Edition (only in Norwegian)
<i>Technical References:</i>	Several technical reports (in English and Norwegian)
<i>Validation References:</i>	-----
<i>Availability:</i>	Available from http://www.interconsult.com/index_english.asp
<i>Price:</i>	1000 ECU
<i>Necessary Hardware:</i>	Runs under Windows 98
<i>Computer Language:</i>	-----
<i>Size:</i>	Approximately 7 MB
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<i>Detailed Description:</i>	

Allsafe computes the time necessary to escape. Consideration is given to the reaction time and the influence of human factors. The influences of human factors are corrected according to the benefits of technical and organizational fire safety measures.

In addition there are made probabilistic methods to compute the safety margin, i.e. the difference between available and necessary escape time.