



































Spill into a river

ETH

Derailment of a rail tanker on the Rhine-crossing bridge as the train leaves the dispatching sta-tion Basel-East. The tank wagon is supposed to have being pierced in several places during derailment, falling into the river and settling at the river bottom shortly after the fall, down to the bridge.

Laboratory Sar Sarley Analysis









Eifigenössische Technische Hochschule Zürich Swiss Federal Institute of Technology Zurich		
Including the model uncertainties increases variance significantly		
Sub modulus	Number of occurring model parameters	Number of parameters regarded in the uncertainty analysis
Atmospheric dispersion	28	24
Food chain model	162	35
Dose conversion factors	159	100
Model for health effects	27	27
Overall analysis	376	186