

Expert Judgement in Project and Asset Management Practice and Challenges

Delft, 12-14 October 2016

Announcements

- WiFi: Science-Center-EVENT
- Password: tudelft2016
- Also Eduram is available

- Coffee break today at 15.15

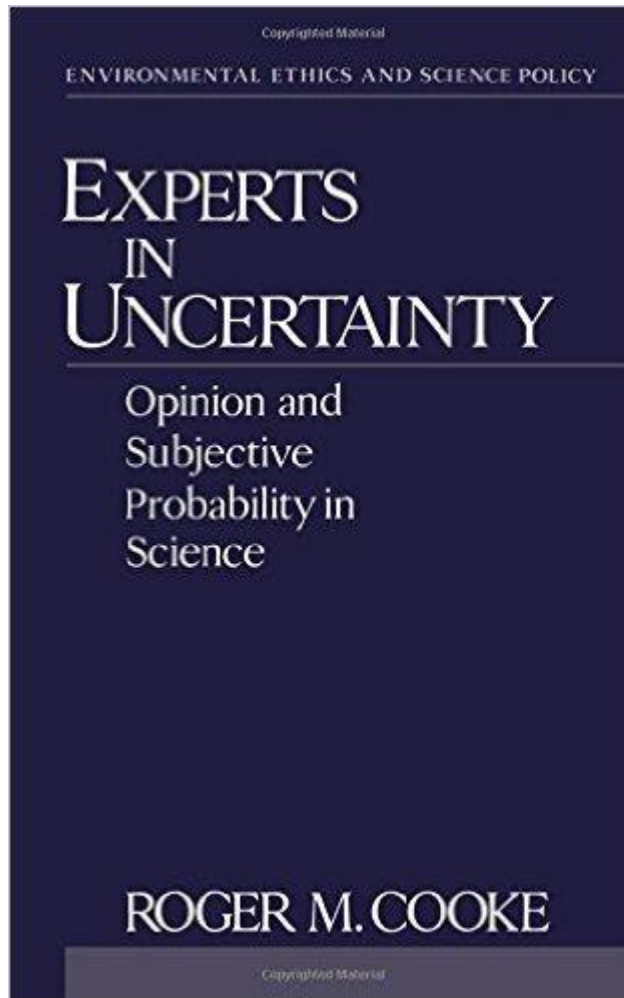
- Room Thursday and Friday open from 08.30

- Emergency exits

Announcements

- Chair(wo)men for the day
 - Wednesday Simon French
 - Thursday Anca Hanea
 - Friday Oswaldo Morales Napoles
- Small change today
 - **16.30 - 17.00** Hybrid Demand Forecasting / Naoufel Cheikhrouhou → Canceled
 - Depending on time will be replaced by Structured expert judgment in degradation and maintenance modelling for steel bridges / Alex Kosgodagan
- Questions?

25 years of Experts in Uncertainty (October 1991)





1997 & 1998 U.S. Nuclear Regulatory Commission & Commission of European Community reports



Accident consequence uncertainty analysis

- Food chain
- Internal dosimetry
- Deposited materials & ext. doses
- Early health effects
- Late health effects



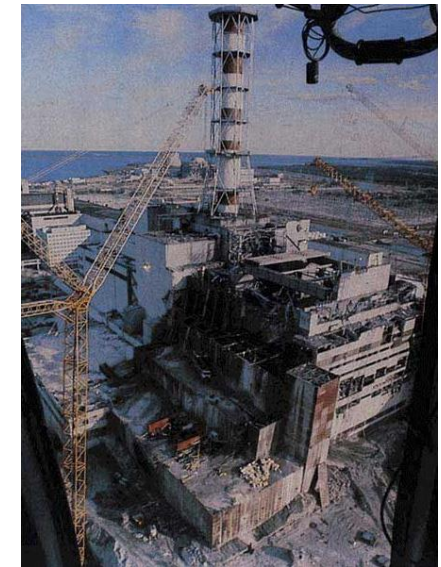
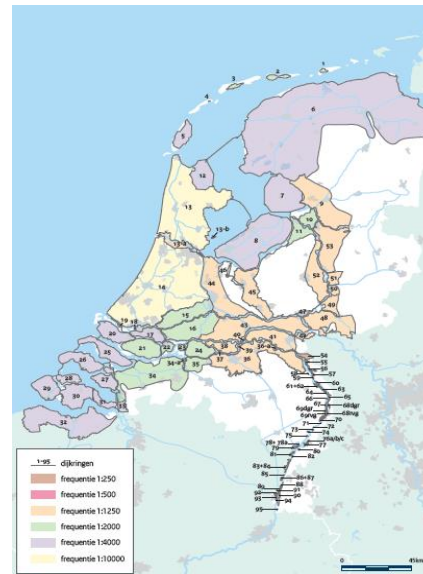
Examples of Applications

- TU Delft expert judgment data base contains more than 45 applications of the “classical model”



Example 1:
Forecasting the course and timing of volcanic eruptions [1]

Example 2: Dike ring failure frequency [2]



Example 3:
Accident consequence modeling for nuclear power plants [3]



Expert Judgment

- Very active area of study
- Many results under development
- 15 talks colleagues around Europe & USA



Expert Judgment Network: Bridging the Gap Between Scientific Uncertainty and Evidence-Based Decision Making

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