



*Stavanger* ESREL SRA-E 2025



# Closing session

---

## **What have we learned? The future of risk & safety science**

Speakers: Marja Ylönen, Enrico Zio and Sandra Alday

Acknowledgments and Thanks    Terje Aven, Marja Ylönen & Michael Beer

ESREL 2026   Portugal

José Matos

SRA E 2026

Guadalupe Ortiz

Raffle

Closing words

Terje Aven

# What have we learned? The future of risk and safety science

---





# Future of risk and safety science

**Geopolitics**



# Future of risk and safety science research

## Geopolitics

We need to discuss GP related hybrid risks in scientific journals and associations to avoid naivety



Future of risk  
and safety  
science and  
research

**Risk, safety  
and security  
cultures**

# Future of risk and safety science research

**Risk, safety  
and security  
cultures**

We need more studies in R, S, S  
cultures

Focus on actions/practices

Future of risk  
and safety  
science

# **Joint conferences**

Joint endeavours vitalise our  
research

# More joint conferences & cooperation between ESRA & SRAE



# Thank you!

---



## Reflections on Risk

Dr Sandra Alday  
The University of Sydney Business School

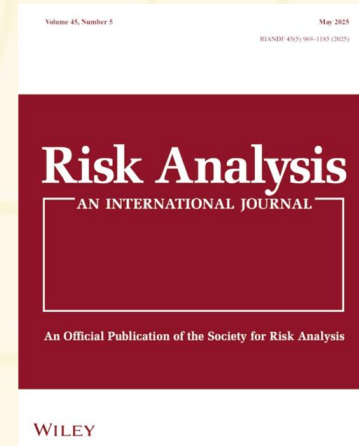


# 1940s 1970s-80s

INSURANCE-BASED DEREGULATION



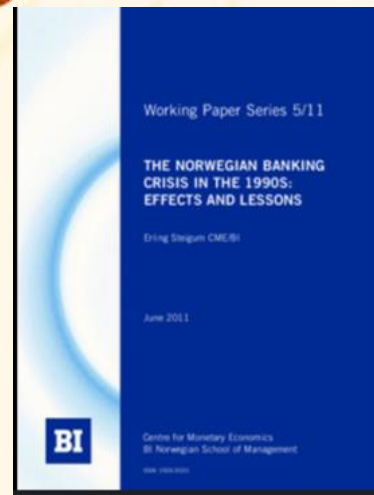
Eurovision 1981 Norway: Finn Kalvik - "Aldri i livet"



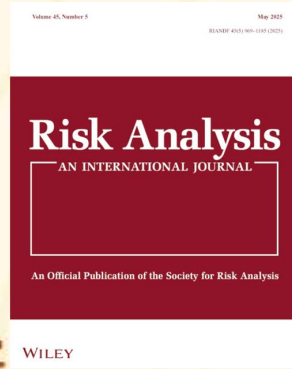
**1940s**  
INSURANCE-BASED

DEREGULATION  
**1970s-80s**

**1990s**  
CRASHES



1940s INSURANCE-BASED  
DEREGULATION  
1970s-80s  
1990s CRASHES



**Risk science is  
a millennial**



## Millennials: where are they now?



“Millennials are the most educated worldwide” (WEO, 2021)

*Stavanger* ESREL SRA-E 2025

- Advancements in analytical approaches
- Cutting edge techniques, particularly advanced quantitative methods

## Millennials: where are they now?



“(Millennial i)nvestors are placing a greater focus on sustainable practices, with alternative energy innovations and solutions gaining serious traction.”

(WEO, 2021)

*Stavanger* ESREL SRA-E 2025

- Interest in sustainability
- Focus on innovation and evolution in risk and safety science (theory and methods)

## Millennials: where are they now?

The Deloitte logo, featuring the word "Deloitte" in a bold, black, sans-serif font, followed by a green dot.

“(Millennials are interested in) growth and the pursuit of money, meaning, and well-being” (Deloitte, 2025)

The logo for Stavanger ESREL SRA-E 2025, featuring the word "Stavanger" in a cursive script font, followed by "ESREL SRA-E 2025" in a bold, black, sans-serif font.

- Strong interest in going back to basics/ reflecting on the foundations of both risk and safety science
- Increased efforts to bridge theory and practice
- Simultaneously advancing theory and practice

## Millennials: where are they now?



“A lot of them are stuck....on dating apps.”  
(New Yorker, 2025)

*Stavanger* ESREL SRA-E 2025

- Very strong interest in breaking down silos and building cross-disciplinary relationships:
  - resilience - infrastructure - systems
  - safety - security - reliability
  - individual psychology - organization dynamics/relationships
  - policy - regulator - industry dynamics/relationships



**Risk science is  
a millennial:**

**well positioned to  
lead and influence the  
world.**

Risk is a millennial

Dr Sandra Alday  
The University of Sydney Business School





Risk

Safety,  
security

Reliability

Resilience

....

Concepts, principles, models, theories, approaches and methods

Understanding

Assessment

Perception and  
communication

Management and  
governance

Generic knowledge and applications - energy, cyber, climate change, ...

# Organizing committees

## **General Chairs:**

Prof. Terje Aven, University of Stavanger (UiS), Norway  
Associate Prof. Marja Ylönen, UiS

## **General Co-Chairs:**

- Prof. Michael Beer, Leibniz Universität Hannover, Germany, University of Liverpool, UK/Tongji University, China
- Prof. Myriam Merad, CNRS, France
- Prof. Enrico Zio, Mines Paris-PSL University, France and Politecnico di Milano, Italy

**Technical Program Committee Chairs:** Professors Eirik B. Abrahamsen, Roger Flage and Frederic Boudier, UiS

Local Programme Committee  
Scientific committee

Thanks!



Enrico Zio



Eirik B. Abrahamsen



Eirik B. Abrahamsen

ESREL 2007





Roger Flage



Elena Sikveland



Joanne Terese Taylor



Petter Mordt



Brit Skailand

Thanks!



Kjartan Bjørnsen



Eivind Lorentzen-Styr



Marie Røyksund



Ingrid Glette-Iversen

Room  
Assistants



Frederic Boudier





# Speakers, panelists, session chairs

---

Skriv inn formel her.

$\approx 800$



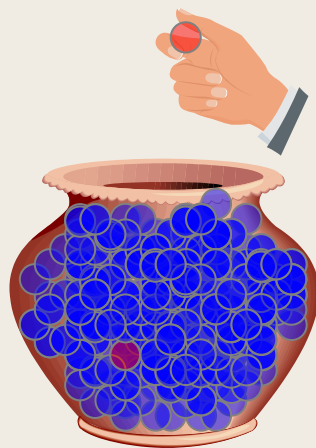
# Scientific committee/Reviewers

---

Skriv inn formel her.

$\approx 300$

# Raffle



Safe travels

Thank You and Farewell