

Johan Bergström
Division of Risk Management and Societal Safety

Visiting address:

John Ericssons väg 1
Lund
Sweden

Postal address:

Box 118
221 00
Lund
Sweden

Email: johan.bergstrom@risk.lth.se

Phone: +46462220880



Academic appointments

2014- Senior Lecturer, Lund University, Lund, Sweden
2014-2016 Director, Lund University Centre for Societal Resilience
2013-2014 Assistant Professor, Lund University, Lund, Sweden
2013-2015 Affiliated researcher, Pontificia Universidade Católica do Rio Grande do Sul (PUCRS), Porto Alegre, Brazil
2013 Visiting researcher, Griffith University, Brisbane, Australia
2008-2012 PhD Student, Lund University, Lund, Sweden

Non-academic appointments

2013- Owner and CEO at JB Safety Education and Consulting AB (part time)
2010-2012 Freelance lecturer and course developer
2008 Trainee, ÅF (part time)
2005 Trainee at the fire rescue service, Strängnäs

Higher education

2016 Reader in Risk and Safety, Lund University
2012 Doctor of Philosophy in Risk and Safety, Lund University, Lund, Sweden
2007 Master of Science in Risk Management Engineering, Lund University, Lund, Sweden
2007 Bachelor of Science in Fire Protection Engineering, Lund University, Lund, Sweden

Research output

Resilience Engineering: current status of the research and future challenges

Patriarca, R., Johan Bergström, Di Gravio, G. & Constantino, F., 2018 Feb, In : Safety Science. 102, p. 79-100

The doctor is always available: Mobile Phones as Clumsy Technology

Johan Bergström, 2018, *Working and Organizing in the Digital Age*. Schaefer, S., Andersson, M., Bjarnason, E. & Hansson, K. (eds.). Lund: The Pufendorf Institute for Advanced Studies, Lund University, Sweden. , p. 19-26

Modelling complexity in everyday operations: Functional resonance in maritime mooring at quay

Patriarca, R., Johan Bergström & Di Gravo, G., 2017 Dec 10, In : Cognition, Technology and Work. 19, 4

On safety ontology: A cross-section analysis of incident investigations in a public healthcare system

Jonas Wrigstad, Johan Bergström & Pelle Gustafson, 2017 Oct 30, In : Safety in Health. 3, 13

An archaeology of societal resilience

Johan Bergström, 2017 Oct 10, In : Safety Science.

Defining the Functional Resonance Analysis space: combining Abstraction Hierarchy and FRAM

Patriarca, R., Johan Bergström & Di Gravo, G., 2017 Sep, In : Reliability Engineering and System Safety. 165, p. 34-46

Scrutinizing the relationship between adaptation and resilience: Longitudinal comparative case studies across shocks in two Nepalese villages

Lama Phudoma, Per Becker & Johan Bergström, 2017 Aug 1, In : International Journal of Disaster Risk Reduction. 23, p. 193-203 11 p.

One event, three investigations: The reproduction of a safety norm

Jonas Wrigstad, Johan Bergström & Pelle Gustafson, 2017 Mar, In : Safety Science. 96, p. 75-83 9 p.

Calibrated resilience landscapes of composite protection: Theoretical grounding of an empirical approach

Grøtan, T. O. & J. Bergström, 2017, *Risk, Reliability and Safety: Innovating Theory and Practice - Proceedings of the 26th European Safety and Reliability Conference, ESREL 2016*. CRC Press/Balkema, p. 348 1 p.

A Complexity Framework for Studying Disaster Response Management

Johan Bergström, Christian Uhr & Tove Frykmer, 2016 Sep 1, In : Journal of Contingencies and Crisis Management. 24, 3, p. 124-135 12 p.

Vem bär ansvaret för samhällets katastrofriskreducering?

Johan Bergström, 2016, *Katastrofriskreducering: Perspektiv, praktik, potential*. Becker, P. & Ullberg-Baez, S. (eds.). Studentlitteratur AB, p. 81-104 38865-01

Incident investigations by the regulatory authority of Swedish healthcare - a 20-year perspective

Jonas Wrigstad, Johan Bergström & Pelle Gustafson, 2015, In : Journal of Hospital Administration. 4, 6, p. 68-76

On the rationale of resilience in the domain of safety: A literature review

Johan Bergström, van-Winsen, R. & Henriqson, E., 2015, In : Reliability Engineering & System Safety. 141, p. 131-141

Organised behaviour in the Swedish fire and rescue service - a case study

Tove Frykmer, Christian Uhr & Johan Bergström, 2015

Bridging the macro and the micro by considering the meso: reflections on the fractal nature of resilience

Johan Bergström & Dekker, S., 2014, In : Ecology & Society. 19, 4, p. 22

Mind the gap between recommendation and implementation-principles and lessons in the aftermath of incident investigations: a semi-quantitative and qualitative study of factors leading to the successful implementation of recommendations.

Jonas Wrigstad, Johan Bergström & Pelle Gustafson, 2014, In : BMJ Open. 4, 5, p. e005326

Some Thoughts on How to Align the Theoretical Understanding of Team Performance with Resilience Engineering Theory

Johan Bergström, Henriqson, E. & Dahlström, N., 2014, *Resilience Engineering in Practice: Becoming Resilient*. Nemeth, C. P. & Hollnagel, E. (eds.). Ashgate, Vol. 2, 12 p. (Ashgate Studies in Resilience Engineering)

Complicated, complex and compliant: Best practice in obstetrics

Dekker, S., Johan Bergström, Amer-Wählin, I. & Cilliers, P., 2013, In : Cognition, Technology & Work. 15, 2, p. 189-195

User Image Mismatch in Anesthesia Alarms: A Cognitive Systems Analysis

Raymer, K. & Johan Bergström, 2013, In : Ergonomics. 56, 10, p. 1525-1534

Anaesthesia monitor alarms: a theory-driven approach

Raymer, K. E., Johan Bergström & Nyce, J. M., 2012, In : Ergonomics. 55, 12, p. 1487-1501

Escalation: Explorative studies of high-risk situations from the theoretical perspectives of complexity and joint cognitive systems

Johan Bergström, 2012, Lund University (Media-Tryck). 102 p.

How to assess team performance in terms of control: A protocol based on cognitive systems engineering

Hanna Lindbom, Johan Bergström & Henriqson, E., 2012, In : Cognition, Technology & Work. 13, 4, p. 337-353

The Social Process of Escalation: A Promising Focus for Crisis Management Research

Johan Bergström, Dekker, S., Nyce, J. & Amer-Wählin, I., 2012, In : BMC Health Services Research. 12, 161

What counts as a reasonable extent? - a systems approach for understanding fire safety in Sweden

Larsson, M., Grunnesjö, E. & Johan Bergström, 2012, In : Journal of Risk Research. 15, 5, p. 517-532

From Crew Resource Management to Operational Resilience

Johan Bergström, Henriqson, E. & Dahlström, N., 2011, [*Host publication title missing*]. Hollnagel, E., Rigaud, E. & Besnard, D. (eds.). Collection Sciences Économiques, Presses des Mines, p. 36-42 7 p.

Team Coordination in Escalating Situations: An Empirical Study Using Mid-Fidelity Simulation

Johan Bergström, Dahlström, N., Henriqson, E. & Dekker, S., 2010, In : Journal of Contingencies and Crisis Management. 18, 4, p. 220-230

Training organizational resilience in escalating situations

Johan Bergström, Dahlström, N., Dekker, S. & Petersen, K., 2010, *Resilience Engineering in Practice - A Guidebook*. Hollnagel, E., Pariès, J., Woods, D. & Wreathall, J. (eds.). Ashgate, p. 45-56

Rule- and Role-Retreat: An Empirical Study of Procedures and Resilience

Johan Bergström, Dahlström, N., van Winsen, R., Lützhöft, M., Dekker, S. & Nyce, J., 2009, In : Journal of Maritime Research. 6, 1, p. 75-90

Utveckling av samarbetsförmåga

Westerberg, K., Helena Svensson, Kjellström, R. & Johan Bergström, 2009, *Proceedings 2:a Utvecklingskonferensen för Sveriges ingenjörsutbildningar*.

Crew Resource Management, Threat and Error Management and Assessment of CRM skills – current situation and development of knowledge, methods and practice

Dahlström, N., Laursen, J. & Johan Bergström, 2008, Swedish CAA.

Learning from failures in emergency response: a series of empirical studies

Dekker, S., Jonsén, M., Johan Bergström & Dahlström, N., 2008, In : Journal of Emergency Management. 6, 5, p. 64-70

Awards

Selection of lectures given as invited speaker since 2014

2017-12-08	The healthcare staff's contribution to patient safety, Patient Safety-course, KI, Stockholm, Sweden
2017-12-07	Resilience: A recent buzzword of Safety Science, SAS CRM-instructors, Copenhagen, Denmark
2017-12-01	Don't be scared: be prepared, The Swedish Fire Protection Association and the Southern Sweden Association for Incident Commanders, Malmö, Sweden
2017-10-26	Patient safety: trends and traps. Norwegian anesthesiologists' association, Oslo, Norway
2017-09-13	Analysing incidents and accidents. Swedish Prison and Probation Service, Lund, Sweden
2017-09-08	Simulation and CRM: Trends and traps. Norwegian surgical nurses annual meeting, Trondheim, Norway
2017-04-04	What makes landing hard? Flight Operations Forum, Oslo, Norway
2017-03-07	Risks to Social and Human Systems, the symposium Disasters Evermore at the Lund University 350 year jubilee (http://lu350.blogg.lu.se/disasters-evermore/)
Spring 2017	Participating in Lund University's university tour with the lecture Was It Technical or Human Error?
2016-11-29	Resilience and Safety, Institut Cerda, Madrid, Spain

2016-11-16	Patient Safety, BEST, Bergen, Norway
2016-10-06	Medical technology, safety and risk, Medical technology days, Örebro, Sweden
2016-06-02	Societal resilience as a discursive object, Delft Technical University, The Netherlands
2016-05-25	Empowerment, responsabilisation or abandonment: where are our safety strategies heading? Safety Seminar, Entry Point North, Malmö, Sweden
2016-05-12	Don't be scared; be prepared: Reflections on a changed safety discussion, EPOK 2016, Arlanda
2016-04-01	Simulering och träning för att skapa ett resilient sjukvårdssystem, National simulation conference, Oslo, Norway
2016-03-18	Is clinical training an instrument for following up adverse events? KlinSim, Helsingborg, Sweden
2016-02-25	Does a systematic quality improvement effort make us safer? Lean-days, Bergen, Norway
2016-02-16	The resilience discourse, The Swedish Civil Contingencies Agency (MSB), Stockholm
2015-11-09	Risk from a systems perspective, NITO Network meeting, Oslo, Norway
2015-11-05	An innovative perspective on Risk, Seminar on Risk and Innovation, Stockholm, Sweden
2015-11-04	Optimism and pessimism in Safety: can CRM become an ethical problem?, CRM Seminar, Swedish Human Factors Network, Linköping, Sweden
2015-10-16	Societal resilience as a discursive object, Lecture at UNISONS, Porto Alegre, Brazil
2015-06-11	Complexity and training, Keynote at healthcare training seminar, Lillehammer, Norway
2015-05-27	Optimism and pessimism in system safety, Keynote at the Australian System Safety Conference, Brisbane, Australia
2015-05-20	Safety I and Safety II, Lecture Operations Seminar, LfV, Gothenburg, Sweden
2015-04-15	Human factors, lessons learned, Keynote at the Norwegian Air Operations Forum, Oslo, Norway
2015-03-12	Patient safety, quality and risk management, Guest lecture at academic course in healthcare quality and safety at the university of Bergen, Norway
2015-02-03	Accident theory from a historical perspective, Swedish national forum for accident investigators, Södertälje, Sweden
2014-11-29	Is the language we use influencing the efforts we make? Reflections on the notion of resilience, Keynote at the international forum for natural disasters, Stockholm, Sweden
2014-10-22	Societal resilience as a discursive object, Keynote at Driver SP3 research workshop, Stuttgart, Germany
2014-09-08	Patient safety from a systems perspective, Keynote lecture at the Norwegian patient safety conference 2014
2014-05-12	Is it all a neoliberal plot?, Seminar organised by SSEESS and MSB at the Royal Swedish Academy of Sciences, Stockholm, Sweden

Media appearances

Debate article in Swedish morning news journal DN on the topic: Hindsight undermines our ability to learn from terror, 2018-01-01

Interview in Swedish Radio P4 2017-03-14 on why accidents happen:
<http://sverigesradio.se/sida/artikel.aspx?programid=101&artikel=6651363>

During Wednesday 25 March and Thursday 26 March 2015 I made several appearances in media (radio, TV and paper) to discuss the recent Germanwings aviation tragedy. All the media appearances happened before the French prosecutor had confirmed the conclusion that the first officer of the flight was alone in the cockpit when the plane descended and eventually crashed in the Alps. In 2016 I also participated in the Swedish TV4 live coverage of the news that an Egypt Air flight had crashed on its way from Paris to Egypt. Appearances include:

Radio interview from P1 Morgon, Sveriges Radio P1, 25 March
 Radio interview from Vaken, Sveriges Radio P4 Malmöhus, 25 March
 Radio interview from P4 Extra, Sveriges Radio P4, 25 March
 TV interview from Aktuellt, SVT, 25 March
 Radio interview from Ekot, Sveriges Radio P1, 26 March
 News paper article from Skånska Dagbladet, 26 March

Additional academic merits

Part of the examination committee for the PhD thesis: Rankin, A. (2017). Making Sense of Adaptation: Resilience in High Risk Work, Linköping University

Member of the Scientific Board of the Swedish Society for Risk Sciences

Member of the editorial board of the scientific journal Aviation in Focus.

Guest editor for the special issue Human Resilience in Interconnected Social and Health Systems in Ecology and Society.

Reviewed book and paper manuscripts for:

Cambridge University Press
Organization
Journal of Emergency Management
Safety Science
Cognition, Technology and Work
Jàmbá: Journal of Disaster Risk Studies published by the African Centre for Disaster Studies
Journal of Contingencies and Crisis Management
Journal of Risk Research
Ecology and Society
Automation in Construction
Science and Technology
Knowledge Management of Aquatic Ecosystems
Ergonomics

Additional online resources

For teaching and outreach I have a YouTube channel at the following address:
https://www.youtube.com/channel/UCdNsT8TniMZYCCswvcYNg_g