



WB as Risk Reduction for Critical Infrastructure

Radu Ionescu

PhD Candidate

University of Bucharest

Risk Studies Research Centre



CONTENT



- Disaster Risk Reduction
- Vulnerability & Resilience
- Critical Infrastructure
- Management Perspective

- Information in the Public Interest (IIP)

WHY BOTHER?



- **Disaster Management**

- is the creation of plans through which communities reduce vulnerability to hazards and cope with **disasters**.
- There is no such thing as a ‘Natural Disaster’, only natural hazards; **vulnerability** is constructed (and some times **well hidden**)
- Key Concepts: Disaster Risk Reduction (**DRR**)
Risk = Likelihood x Impact

INSPIRATION



- Vinten (2000):
 - ‘Disaster inquiries regularly contain a sad litany of what went wrong, procedures bypassed and ignored, and **undue risks taken**. It is clear in many of these cases that there were **individuals in the know**, who may have spoken up, but been over-ruled or silenced.’
 - ‘Whistleblowing towards disaster prevention and management’

VULNERABILITY



- Top tips on generating vulnerability
 - Be corrupt

CORRUPTION



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VULNERABILITY



- Top tips on generating vulnerability
 - Externalise your risks
 - Likelihood component (it's potential) so why pay to mitigate something that might not even happen.
 - It's cheaper, safety costs
 - The community where you operate now becomes partner risk bearer. **Unaware carrier.**

A PICTURE



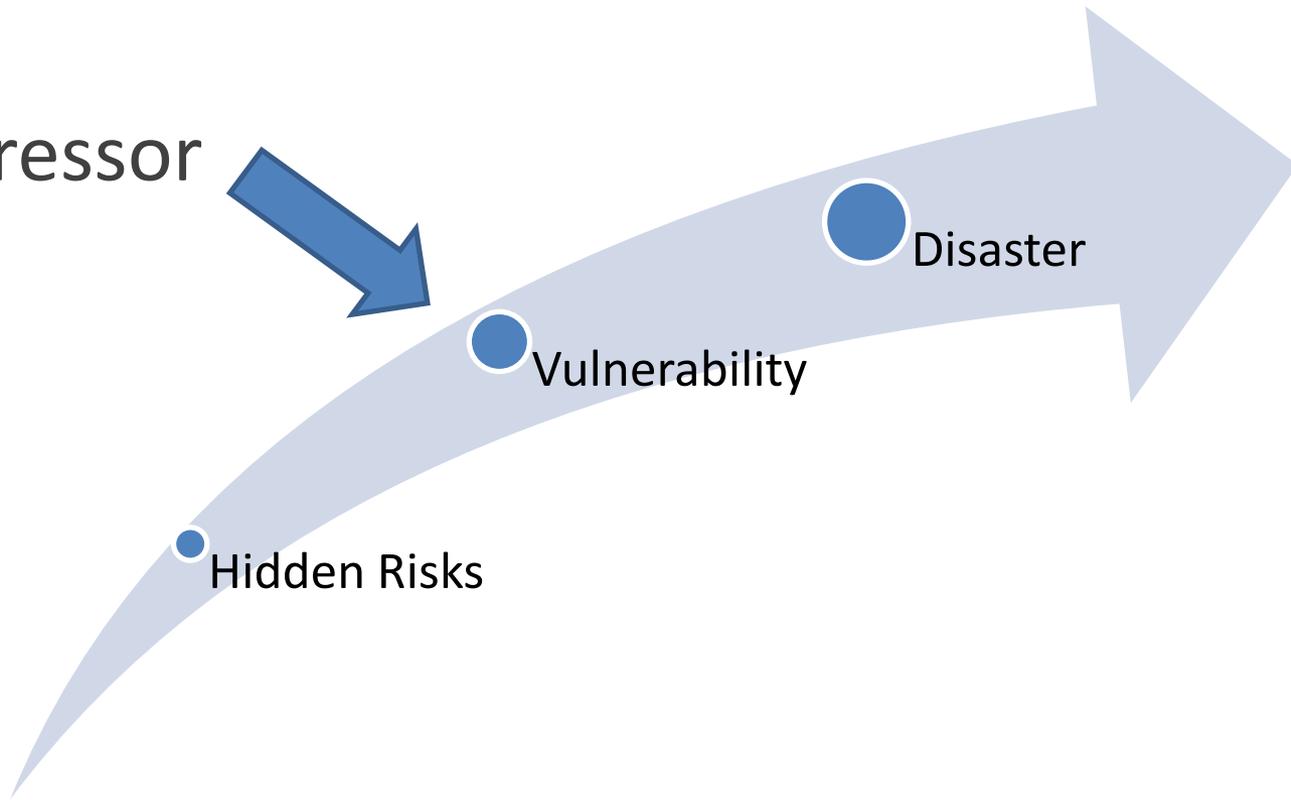
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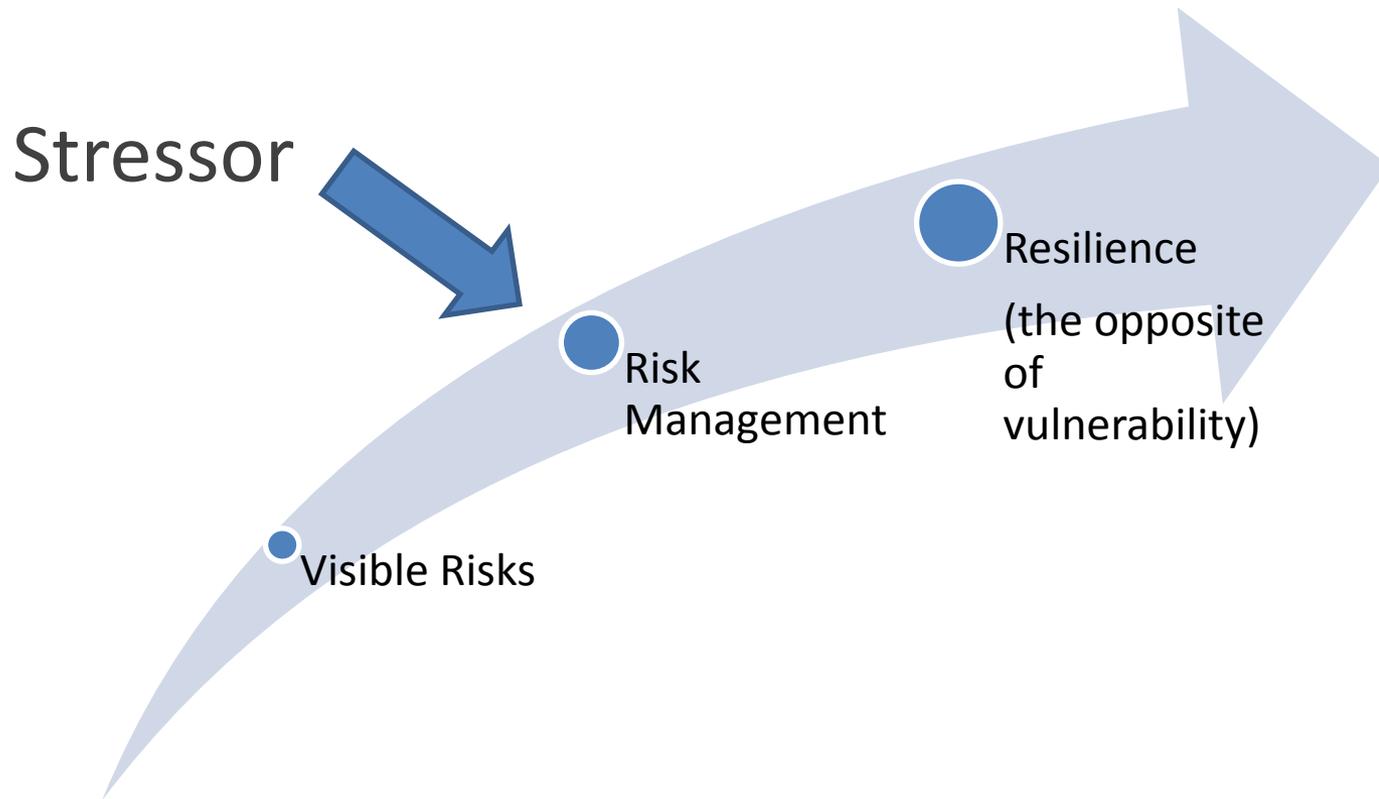
Hidden Risks

Vulnerability

Disaster



ANOTHER PICTURE



NOT A COMMUNITY PERSPECTIVE



- From the organisation's point of view:
 - Hidden risks within the company that pose a threat to its' activity and the community it operates in.

CRITICAL INFRASTRUCTURE - CI



Electricity

Transport

Communications

Chemical

Critical Manufacturing

Dams

Defense

Emergency Services

Energy

Food

Government

Health

IT

Nuclear

Water

MANAGEMENT



- Critical Infrastructure is processes, systems, facilities, technologies, networks, assets, and services, **under management**

WHAT WE WANT TO FIND OUT



- What do managers really think about whistleblowing, particularly about its' power to inform about hidden risks?

DECLARATIVE & UNDERLYING



- Two layers to content analysis of interviews
 - What is said
 - Related attitudes and perspectives

 - Legislation
 - Media narratives
 - Risk guidelines and standards

UNDERLYING DIMENSIONS



- locus of control,
- perceived self-efficacy,
- power distance,
- uncertainty avoidance,
- support orientation
- wb legitimation
- ... and others

3D VS FRACTAL



- Spatial model where the managers' 'position' based on the dimensions measured can be 'geo-referenced'
- A spatial placement within the model
- Of both the actual manager and the wb perspective
- Merge the two and generate a spatial model (aiming for scalable-logarithmic one; remember the dominos)

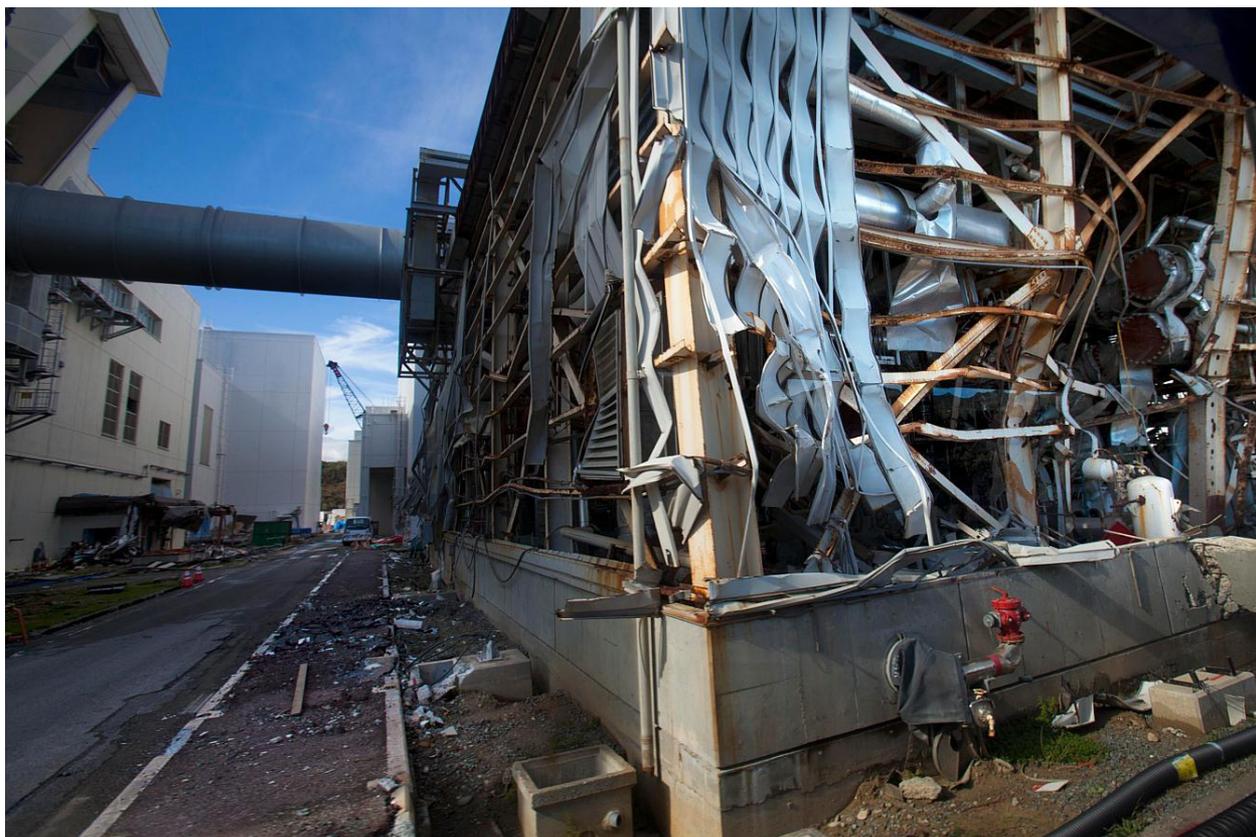
WHY MODEL?



TEST POST-DISASTER



TEST POST-DISASTER





THIS LOGO



- Informatie in Interes Public (RO)
- Information in the Public Interest (ENG)
- Whistleblowing charity
- Offers free, safe and confidential advice to people who witness wrongdoing at or through work.

THE CLIMATE



- No proper word for whistleblowing
 - Legislation uses ‘integrity warning’ – too weird
- A shut-up or move job mentality
- Doubled by a ‘tell them at the last minute and then move’ strategy

THE CLIMATE



- Know-how
 - Best practices / models / strategy / marketing / communication / publications / lobby / partnerships / funding / grants / research

THANK YOU

