

Developing scenarios that train students to use their knowledge in practice, how do we do it and why should we do it?

The main idea behind the colloquium

Handling crises and risks demand different skills. We will focus on learning through combining theory and practice. Since NEEDS is a disaster management community, we want scenarios that are relevant to this theme.

This colloquium can be an experience transfer between educators who work with scenario-based training and want to develop this further. Drawing on varying experiences from different countries can be a way to facilitate each other. Some institutions have labs, some have practical experimental facilities and others have long experience using scenarios in education. This is a way to combine theory and practice. How can we use scenarios to teach students about risk and disaster management? What are the challenges in making fruitful scenarios? How complex can they be? What level is the scenario suited for, strategic, tactical, or operational? These are some of the issues of relevance in this colloquium.

The first presentation will be given by the colloquium host, associate professor Aud Solveig Nilsen at Bachelor in International preparedness. Harstad. Norway.

First a presentation of some overall philosophy about pragmatism related to **strategic crisis management**. Examples from strategic crisis management of covid-19 in Norway will be used as an illustration of complex and unstable situations. This is a foundation to explain how we can teach students to handle dilemmas and challenges in situations of uncertainty. What kind of skills do they need to have when situations develop in challenging and unexpected ways? These questions are illuminated through different theories with references given at the end of this presentation. So, feel free to read and prepare in advance.

We will then have presentations of different uses of scenarios, labs, practical experimental facilities, and other topics linked to the teaching of crisis and disaster management. It is an open colloquium so feel free to apply.

Thereafter we will have presentations of different use of scenarios, labs, practical experiment facilities a.o. linked to crisis and disaster management in teaching purposes. **It is an open colloquium so feel free to apply.**

Wanted in the abstract(keywords):

Your name and workplace. Experience in using scenarios (research labs, experimentation a.o), more than one time? A scenario (in research labs, experimentation a.o).What kind of level is the scenario suited for? Combination of theory and practice How does the students benefit from the scenario? Evaluation of the scenario.

These elements should be in the abstract, but it is not necessary in this order 😊

The schedule for the presentation

70-90 minutes- the timeframe for the whole colloquium.

Each presentation will be 15 minutes.

The references here are a little teaser. Feel free to contribute with more references about scenario and send to aud.s.nilsen@uit.no

References

Ansell, Chris, and Boin, Arjen. "Taming Deep Uncertainty: The Potential of Pragmatist Principles for Understanding and Improving Strategic Crisis Management." *Administration & Society* 51.7 (2019): 1079-112. Web.

Bernstein, Richard J. *Beyond Objectivism and Relativism: Science, Hermeneutics, and Praxis*. Philadelphia, Pa.: U of Pennsylvania, 2011. Web.

Farjoun, Moshe, Ansell, Christopher, and Boin, Arjen. "PERSPECTIVE—Pragmatism in Organization Studies: Meeting the Challenges of a Dynamic and Complex World." *Organization Science* (Providence, R.I.) 26.6 (2015): 1787-804. Web.

Ratcliffe, John. "Scenario Building: A Suitable Method for Strategic Property Planning?" *Property Management* 18.2 (2000): 127-44. Web.

Stacey, Ralph. "Strategy as Order Emerging from Chaos." *Long Range Planning* 26.1 (1993): 10-17. Web.

Wright, George, Cairns, George, and Bradfield, Ron. "Scenario Methodology: New Developments in Theory and Practice: Introduction to the Special Issue." *Technological Forecasting & Social Change* 80.4 (2013): 561-65. Web.

More practical links:

From Swedish (MSB) and Norwegian (DSB) authority's examples of scenarios:

<https://www.msb.se/siteassets/dokument/publikationer/english-publications/five-challenging-future-scenarios-for-societal-security.pdf>

DSB

<https://www.dsb.no/rapporter-og-evalueringer/analyses-of-crisis-scenarios-2019/>

and some links to exercises a.o

MSB

<https://rib.msb.se/filer/pdf/25885.pdf>

<https://www.msb.se/siteassets/dokument/publikationer/english-publications/exercise-guidance-method-booklet--exercise-evaluation.pdf>

<https://www.msb.se/siteassets/dokument/publikationer/english-publications/emergency-response-management-in-todays-complex-society.pdf>

<https://www.msb.se/siteassets/dokument/publikationer/english-publications/training-material-development-guide.pdf>