







Ilmastoiresilientti kaupunki


HEIDI TUHKANEN – SEI TALLINN





Centres



Stockholm Environment Institute

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SEI / Climate /

Climate

To meet ambitious climate targets, we must transform our energy systems, how we use natural resources, and how we produce and consume goods and food. We must also adapt to climate impacts. SEI focuses on effective, equitable ways to mitigate and adapt to climate change for a safer climate for all.

Select subtopics:

Adaptation

Climate policy

Climate services

Disaster risk


Finance

Fossil fuels


Mitigation

Short-lived climate pollutants


Initiatives



Integrated climate and development planning



Carbon lock-in



Water beyond boundaries

Centres

SEI has seven centres around the world in the UK, the US, Thailand, Kenya, Estonia and Colombia. Our headquarters is located in Sweden.

A world map with a light blue background. Seven green dots are placed on the map to indicate the locations of SEI centres: one in North America (USA), one in South America (Colombia), one in Europe (Sweden), one in Europe (UK), one in Europe (Estonia), one in Africa (Kenya), and one in Asia (Thailand).

SEI Headquarters	SEI Oxford
SEI Africa	SEI Tallinn
SEI Asia	SEI US
SEI Latin America	SEI York

WELCOME TO THE CASCADE PROJECT

The innovative CASCADE project brings together civil protection specialists and climate change adaptation experts to build resilience in the Baltic Sea Region.

CASCADE aims to improve the capacity to understand, assess, and treat current and future climate change related risks on the local level, focusing on the particular in Baltic Sea Region (BSR) conditions.

NEWS & EVENTS

How to make cities more climate resilient? Results and recommendations from the CASCADE project presented in the final conference in June!

22.04.2021



This event will discuss the results from the CASCADE project that aim to improve the capacity to understand, assess, and treat current and future climate change related risks on the local level and also the future of climate adaptation and resilience in the Baltic Sea Region.

[Read more](#)
-results-and-recomendations-cascade-project-presented

#FEED

Follow project's hashtags #CascadeBSR on Twitter

CascadeBSR

Curated Tweets by @UBC_Sustainable

UBC Sustainable
@UBC_Sustainable
CASCADE brought together actors from different sectors, levels, and countries. Read about the partners and register to the final conference to hear about the project results: cascade-bsr.eu
[#cascadebsr](#) [#sendaiframework](#) [#climateresilience](#) [#ResilienceForAll](#)



Funder EU DG ECHO

Partners

- Southwest Finland Emergency Services / **Varsinais-Suomen Alue Pelastuslaitos (*)**
- Union of the Baltic Cities (UBC)
 - Sustainable Development Commission
 - Safe Cities Commission
- The Council of Baltic Sea States (CBSS)
- Swedish Civil Contingency Agency (MSB)
- Liepaja Municipal Police
- Hamburg Fire & Rescue Service
- Fredriksborg Fire and Rescue Service
- Åbo Akademi Center for Lifelong learning, Baltic University Programme (BUP)
- Polish Main School of Fire Service
- SEI Tallinn

“Resilient cities ...have the ability to absorb, recover and prepare for future shocks (economic, environmental, social & institutional).

Resilient cities promote sustainable development, well-being and inclusive growth.”

- Kohdata
 - Toipua
 - Valmistautua
- ...tuleviin häiriöihin.
-
- Oppia & kehittyä vahvemmaksi
 - Muuttuvat olosuhteet



Lähde: <http://dimsur.org/>

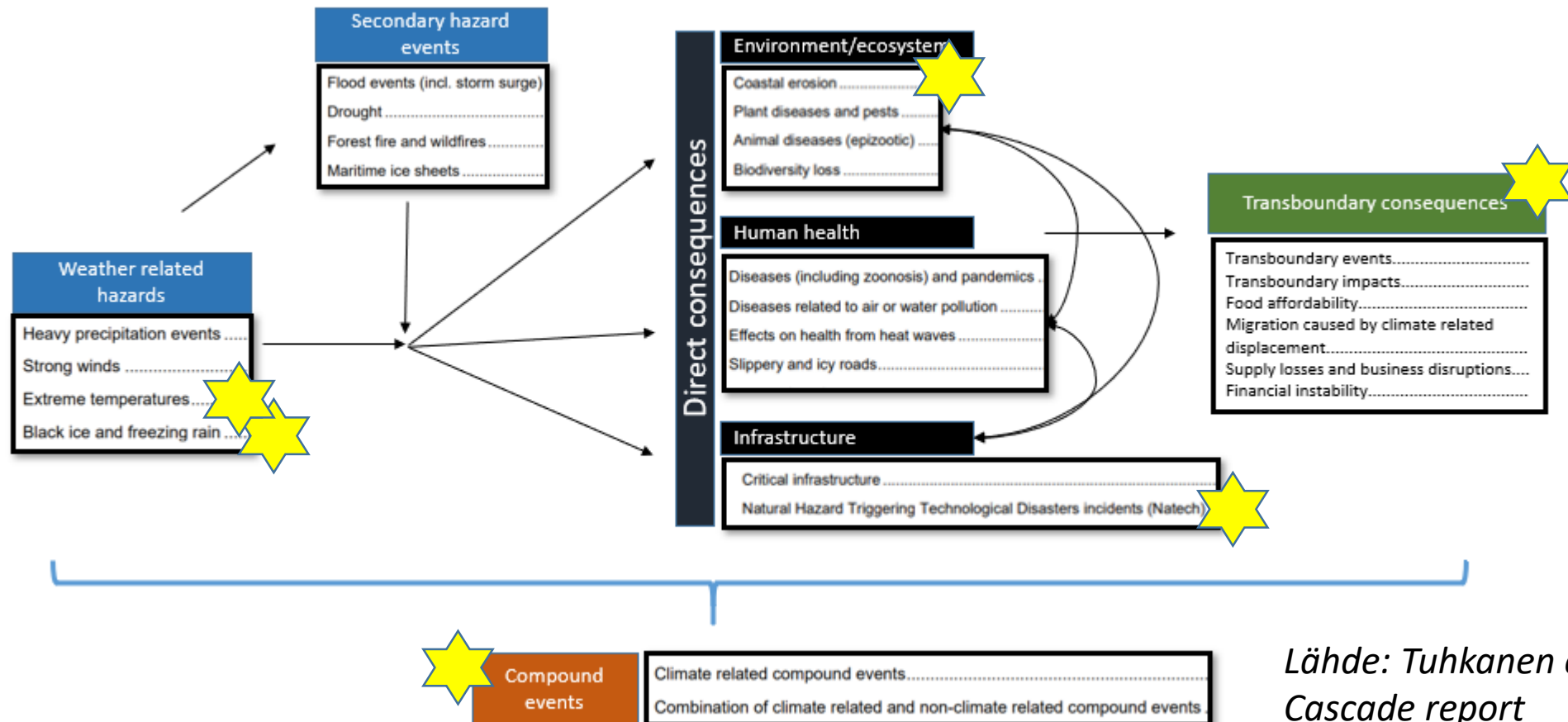
ILMASTORISKI



mukaien IPCC (2014)

Lähde: Ilmastonyt.fi

HASARDIT JA VAIKUTUKSET



*Lähde: Tuhkanen et al. 2021,
Cascade report*

COMMON BARRIERS TO CLIMATE ADAPTATION WITHIN THE BSR

- Lack of financial resources
- Lack of expertise/technical skills as well as staff time
- Lack of sufficient local level data
- Short-term political cycles lead to a lack of political will
- Lack of communication across sectors or “silo-thinking”
- Lack of leaders moving the climate adaptation process forward (“all talk and no walk”)
- The insufficient inclusion of different stakeholders, especially the private sector



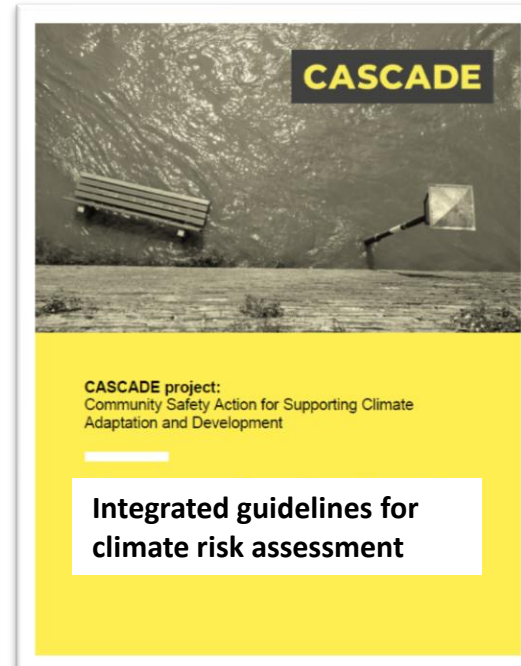
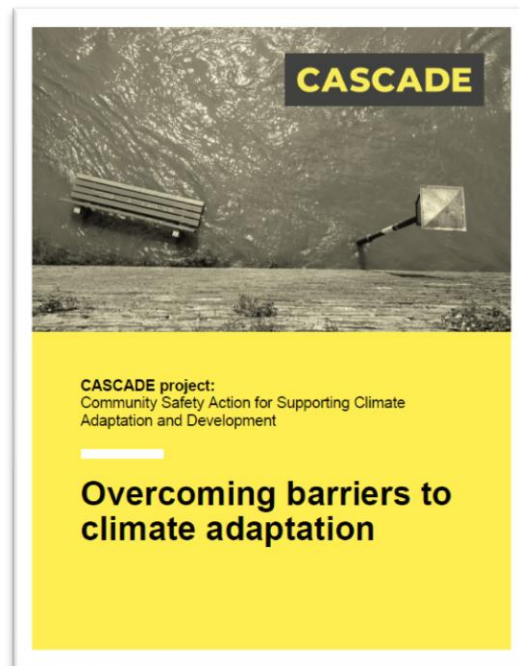
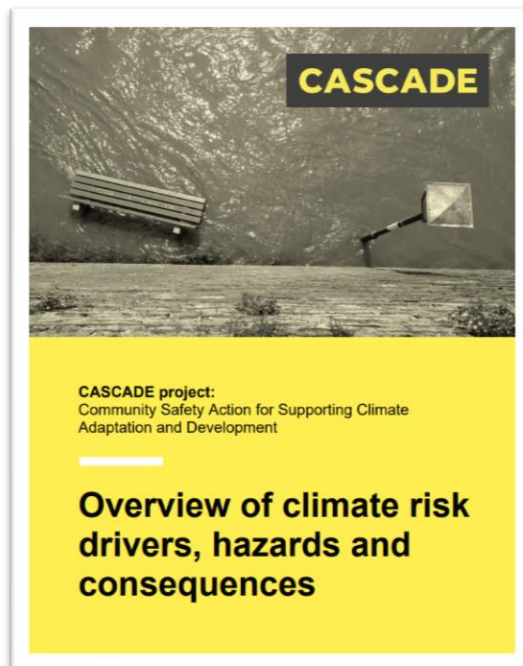
INSIGHTS FROM CASCADE

- Need to expand risk assessments to cover emergent and future risks, including cascading effects
- Insufficient localised data on future climate impact projections, as well as monitoring of losses and damage (post-event)
- Cross-sectoral cooperation: Integration of disaster risk reduction and adaptation, but many other sectors
- Municipal networks re: adaptation and disaster risk reduction work is important and could be strengthened – regional, national and macro-regional



TOOLBOX FOR CLIMATE RISK PREPAREDNESS

This toolbox can be used to help prepare your town, city, or municipality for various climate related threats.



- +
- Capacity building**
- **Train the trainers programme on integrated climate risk assessment (scenario work)**
 - **University curriculum (BUP)**

How to make cities more climate resilient?

Results and recommendations from
the CASCADE project

Join CASCADE final conference online!
cascade-bsr.eu

8 JUNE 2021
10:00-13:00 CET



Funded by
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Civil Protection
and Humanitarian Aid



- Ilmoittautuminen <http://www.cascade-bsr.eu/>

***“Crisis need not defeat us - it is
an opportunity to transform”***

- Mami Mizutori, UNDRR



Lähde: Arup, Cities Alive

Kiitos!

CASCADE

COMMUNITY SAFETY ACTION FOR
SUPPORTING CLIMATE ADAPTATION

