## Linked initiatives to Stoutenberg

Working group 8 - SuSanA
Conference proceedings: www.susana.org
www.susana.org/lang-en/library/conferences
Open access

# Contribute to the blog

http://susanawg8.wordpress.com

As active contributor or send item to Åse Ase.johannessen@gmail.com

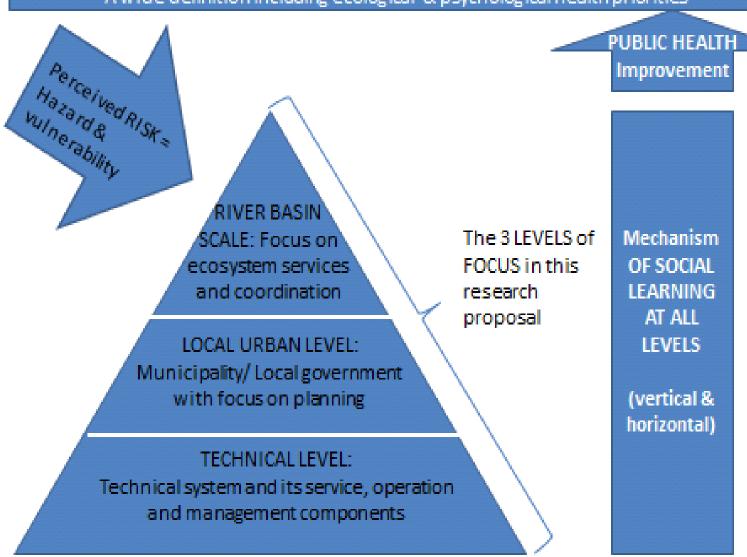
Join the wg 8 mailinglist Info available on the blog page

# Proposal to MSB – The Swedish Contingency Agency

WASH & RESCUE - <u>WA</u>ter, <u>Sanitation and</u>
<u>Hygiene in RESilient Cities and Urban areas adapting to Extreme waters</u>

Preventing risk to human health and security taking a holistic, environmental and socioeconomic approach

# Public Health Goals - A wide definition including ecological & psychological health priorities



## Main focus

- Holistic risk assessment (eg water safety plans, sanitation safety plans but also including broader governance and environmental factors) for DRR - preparedness phase.
- Reducing the risks with participatory social learning processes, institutional mechanisms used in the WASH sector, ecosystem and river basin management

### 5 Case studies:

- Kristianstad municipality, Swe (SL process for flood mitigation and urban planning)
- Maputo, Mozambique (SL learning process for sanitation & urban adaptation)
- Bihar, India (Sida-funded research by SEI & WASH Institute - flood proof sanitation)
- Haiti (SEI support to DINEPA, MSB social mobilization and sanitation)
- Design of Emergency Shelter Unit (Shelter, Energy, Water & Sanitation) (Formens Hus Foundation and IKEA Foundation, collaboration with UNHCR, MSB, Chalmers)

## Results

#### Good urban planning for resilient cities

- D1.1.1 Holistic risk assessment tool (institutional, social, environmental, cultural, political, economical) to human health (handbook, publications).
- D1.1.2 Concept for GIS tool interactive, Internet-based, open source.
- D1.2. Socio-economic benefit and potential synergies between the humanitarian and development sector (report, webpage, paper).
- D1.3. Identification of **key ingredients in social learning processes** which improve a society's resilience in preparation for or in response to a disaster, e.g. governance, leadership, coordination, communication, and integration mechanisms (report, policy paper, webpage)

#### **Technology systems for resilient WASH services**

- D2.1.Overview of resilient sanitation service chains components and their health impacts
   Analysis of factors which are important for sustainability and resilience (report, policy paper,)
- D2.2.1. Survey; documentation and analysis of best practices, challenges and opportunities for scaling up of suitable solutions. (report)
- D2.2.2. Analysis of ways of making technical emergency solutions long lasting and beneficial for long term development (report, policy paper, webpage).

#### The link to ecosystem management in the river basin:

- D3.1. Overview of synergies with ecosystem management and ecosystem services with basin disaster risk management (report, publications, policy paper)
- D3.2.Analysis of governance and coordination of the river basin required for increased resiliency (report, publications,)