



## **Climate Change Adaptation – a Challenge Requiring Collaborative Actions**

Kerstin Konitzer, Elin Fridahl, and David Hirdman

Swedish Meteorological and Hydrological Institute (SMHI), Norrköping, Sweden (kerstin.konitzer@smhi.se)

Sweden has been evaluated according to the EU adaptation scoreboard, as making very good progress in tackling knowledge gaps for climate change adaptation and also in building adaptive capacity across sectors. This is due to structured cooperation processes and established systems for assessing current and projected climate change, impacts and vulnerability. Numerous stakeholders contribute to Sweden's adaptation landscape. The overall Swedish policy is to actively support dialogue, participation and the creation of networks between relevant actors at all levels. The success of the policy is now shown by active work for preventive measures, improved skills and knowledge, and increased preparedness for climate change impacts. The Swedish working model can be seen as a good international example for reducing risks and enhance preparedness for climate change.

To ensure efficient knowledge transfer and consistent and coordinated approaches to actions, the Government has tasked the Swedish Meteorological and Hydrological Institute (SMHI) to run a National Knowledge Centre for Climate Change Adaptation. The 'Centre' is a resource for everybody with a responsibility for Sweden's adaptation to impacts of climate change. The supportive and knowledge raising activities of the 'Centre' together with bringing forward new planning basis have been crucial for the positive development of the Swedish adaptation work.

The good collaboration across sectors is also demonstrated by the active involvement of 16 national authorities and all regional government offices in running a joint Swedish Climate Change Adaptation Portal: [klimatanpassning.se](http://klimatanpassning.se). The portal is communicating the body of knowledge that exists today on vulnerability and adaptation and is continuously being further expanded for this purpose. Taking on the challenges of climate change adaptation has been facilitated by national funding through a dedicated appropriation amounting to around € 10 million per year since 2009 for prevention and awareness raising activities to limit the vulnerability of society.