

11th meeting of the Task Force on Water and Climate
Session on mainstreaming transboundary aspects of water
management into climate-related documents
(Geneva & virtual, 2 October 2020)

Integrating Climate Change Adaptation with River Basin Management

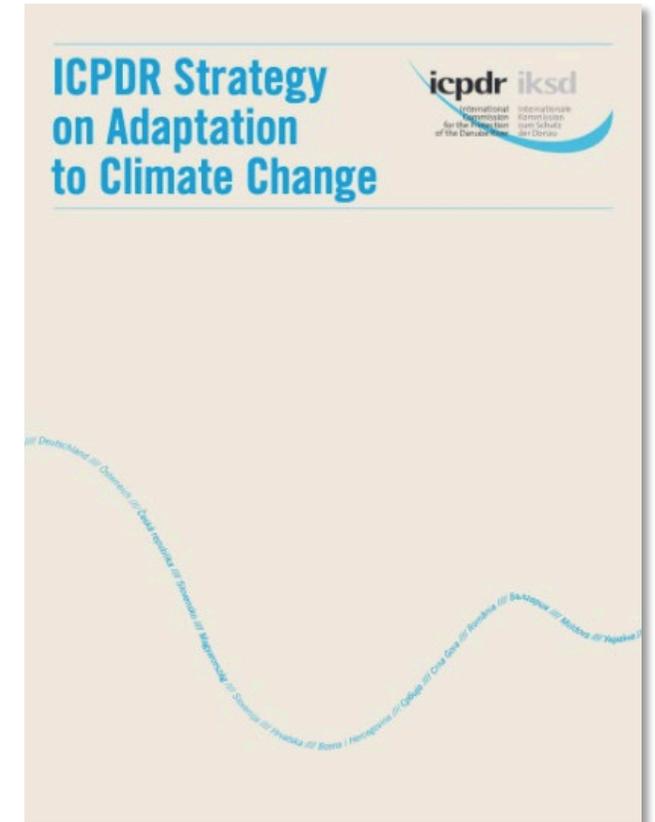
Hélène Masliah-Gilkarov, ICPDR



Climate Change Adaptation

In **2012**, the ICPDR was the first River Basin Organisation of its kind to adopt a Climate Change Adaptation Strategy

Based on its strategy, the ICPDR fully integrated climate adaptation issues into its updated Danube River Basin Management Plan 2015, plus the first Danube Flood Risk Management Plan in 2015.



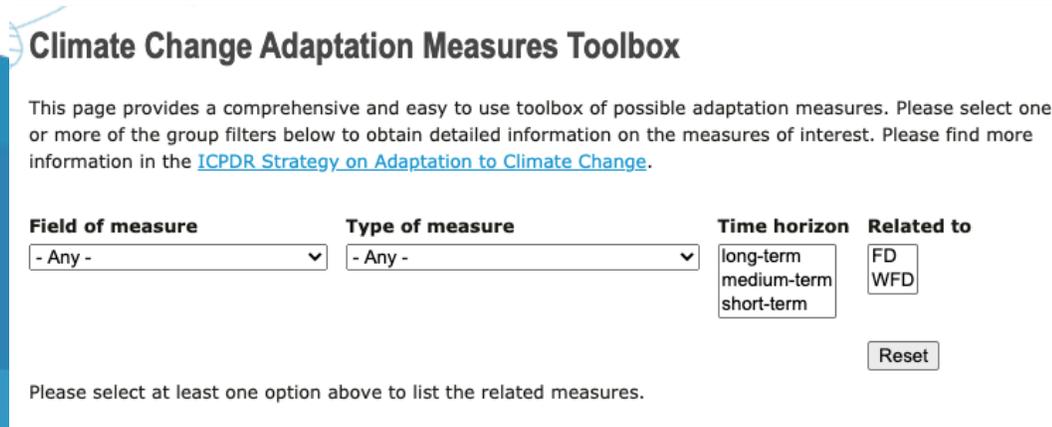
2018: First Update

The old strategy needed to be updated
– so in 2018 we did just that!

Three-step approach:

1. Update of the existing knowledge base
2. Adaptation Workshop
3. Update of the existing strategy

Also added the additional feature of a new
Climate Change Adaptation Measures Toolbox:

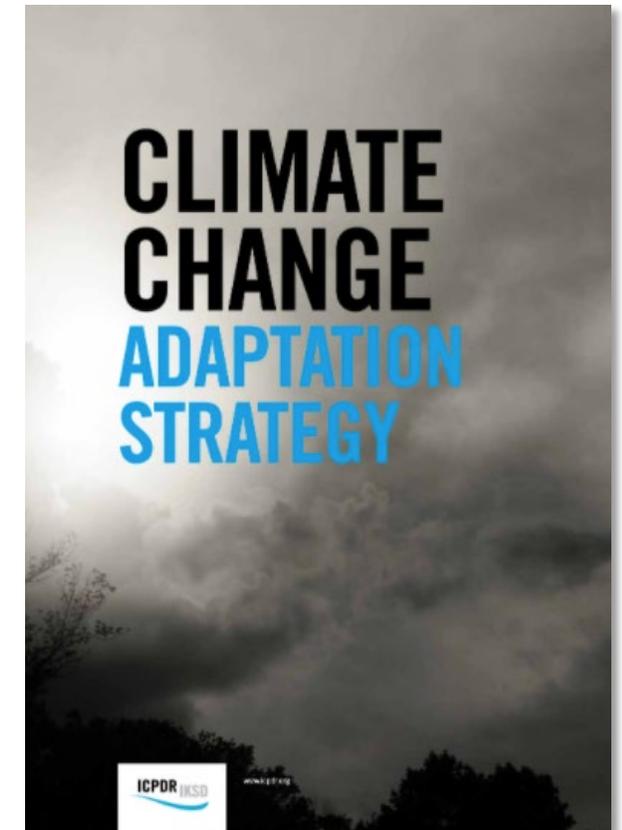


Climate Change Adaptation Measures Toolbox

This page provides a comprehensive and easy to use toolbox of possible adaptation measures. Please select one or more of the group filters below to obtain detailed information on the measures of interest. Please find more information in the [ICPDR Strategy on Adaptation to Climate Change](#).

Field of measure	Type of measure	Time horizon	Related to
<input type="text" value="- Any -"/>	<input type="text" value="- Any -"/>	<input type="checkbox"/> long-term <input type="checkbox"/> medium-term <input type="checkbox"/> short-term	<input type="checkbox"/> FD <input type="checkbox"/> WFD

Please select at least one option above to list the related measures.



Introducing a 5th SWMI

The ICPDR recognises Significant Water Management Issues – **SWMIs** – as part of its key framework for operations.

In **2019**, the ICPDR adopted a 5th SWMI:

Effects of climate change (drought, water scarcity, extreme hydrological phenomena and other impacts)

Emphasises the importance of Climate Change as a key issue.

“Preventive measures will be taken to mitigate the impacts of climate change, to adapt to it and to minimise the related damages, thus reducing the vulnerability of aquatic, and water-related ecosystems to climate change.” ([Danube Watch 3/2019](#))

DRBMP Update 2021

The 5th SWMI is having a direct influence on the in-production **DRBMP Update 2021**.

Specific focus to be found in all SWMI-related chapters of the plan update.

Example HYMO Chapter:

- Need for proactive & reactive (enhancing) measures;
- “There is need for implementation of protective and reactive (enhancing) measures before the effects of climate change become severe.”
- Importance of re-activation of former floodplains, preservation of actual floodplains, and maintenance of wetlands

Also saw change in the sub-chapters “Summary of measures” plus (when available) in the “estimated effect of measures on the basin-wide scale” indicating how measures will support climate change adaptation in general

The background of the slide features a white central area with blue wavy patterns at the top and bottom. The waves are composed of overlapping, semi-transparent bands in various shades of blue, ranging from light sky blue to a deep navy blue. The overall effect is a clean, modern, and professional aesthetic.

Thanks!