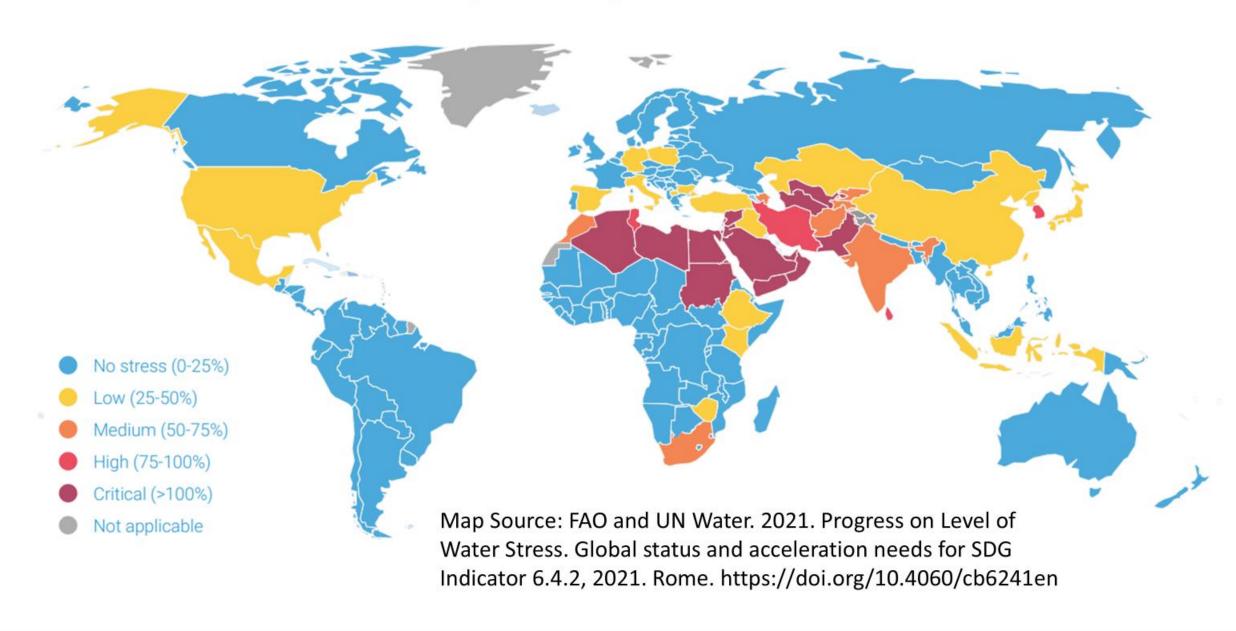


## Levels of water stress by country





- The regional picture of hydro-politics reveals three dynamics, each of them differently vulnerable to conflict risks depending on the power relations between riparian states. Water allocation could be challenged by a hydro-hegemon and so the existence of a legal framework is an important element for conflict prevention.
- Recognition of the adverse effects of climate change at the political level and the assessment of future water stress risks have resulted in a shift in the security landscape. While the primary conflict used to be between upstream and downstream countries, a more complex security situation is now emerging. Conflict risks are increasing in regions most susceptible to water stress, particularly in the southern part of Central Asia, as well as in areas dependent on small rivers.
- Recognition of the threat posed by climate change to the region has improved the negotiating positions of the less powerful upstream countries. It is highly likely that new water agreements will be centred around guaranteed volumes of water collection in the reservoirs of the upstream countries (Kyrgyzstan and Tajikistan). Water allocation in the Amu Darya will depend on the success of the riparian countries' negotiations with Afghanistan.
- The challenges posed by climate change, which also play a role in threat perception discourse, have led to new interdependencies beyond the Aral Sea basin. Kyrgyzstan recently formalized an agreement with China pertaining to the development of the Sary-Jaz cascade of hydropower plants. Kazakhstan, in parallel, has reignited discussions (amongst experts) concerning the diversion of Siberian rivers, a project with significant implications for regional water dynamics. In 2004, Iran and Turkmenistan built the "Friendship" reservoir which broke with Soviet era hydro-political efforts to prevent Iran from building facilities in transborder rivers.