



School of Civil and Environmental Engineering

Global Condition and Exigent Duties *water security and beyond*

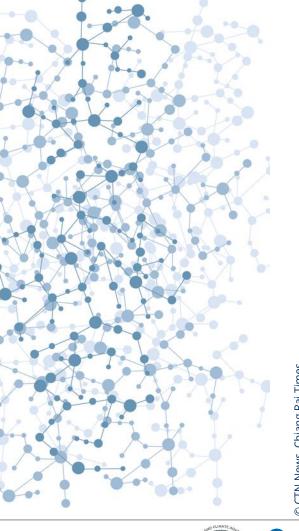
Water Security Issues in the Himalayan Region and Assessment Tools: APN funded Academy 2022 Dr. André Lindner andre.lindner@tu-dresden.de

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"See first, think later, then test. But always see first. Otherwise, you will only see what you were expecting"

Douglas Adams

"Climate change is one of the key multidimensional issues that will affect water security throughout the Asian region [...] it is commonly noted that mitigation is largely about "gas," while adaptation is about "water."



"Ecosystems transcend political borders, and water is the lifeline for all biological systems [...] attempts to contain water by geographies are bound to have serious consequences on the natural system and also increase economic and political tensions."





Asia's Next Challenge: Securing the Region's Water Future Leadership Group on Water Security in Asia





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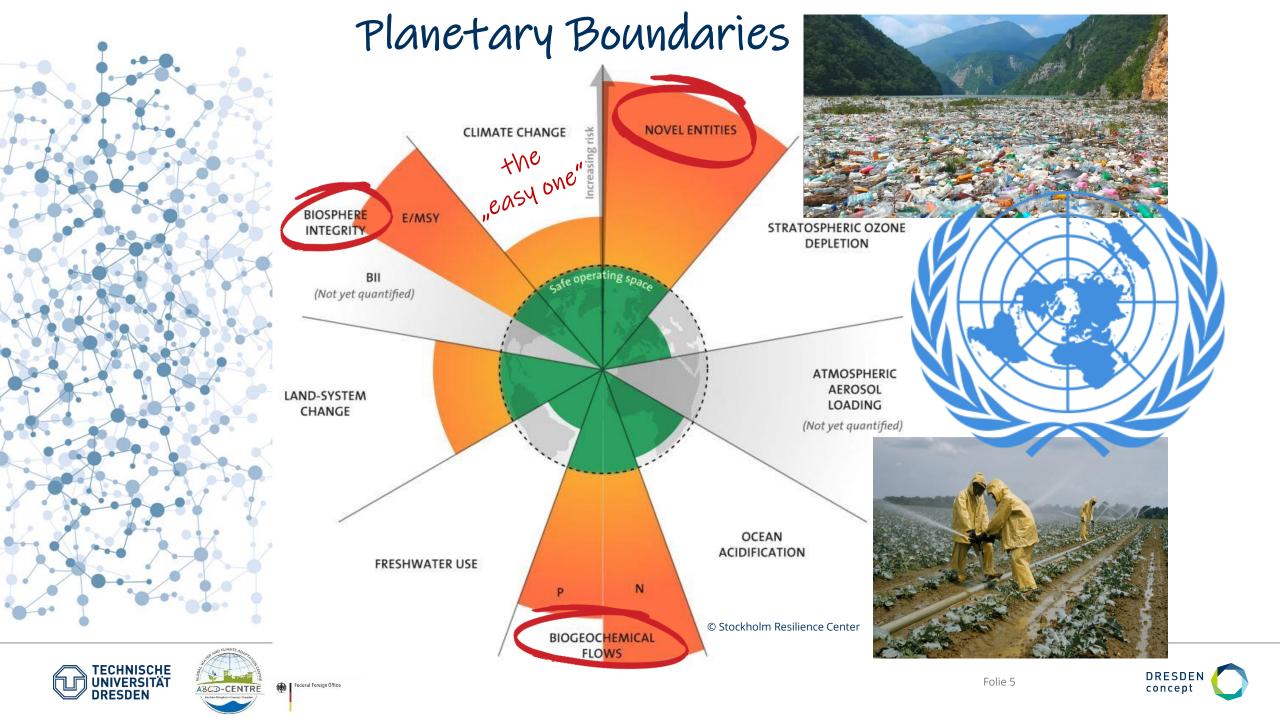
"Identify the most severe risks on a global scale over the next 10 years" → COVID, Ebola, Zika, SARS, HIV – all caused by zoonoses \rightarrow drivers: land-use change, agriculture, trade & consumption



Source: World Economic Forum Global Risks Perception Survey 2021-2022







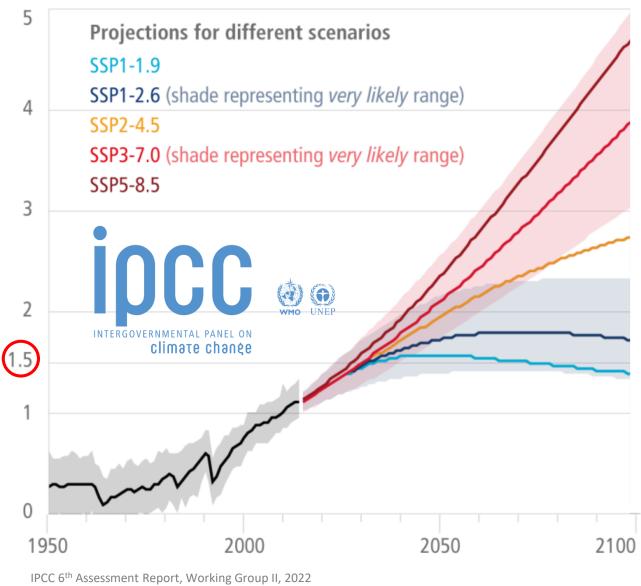




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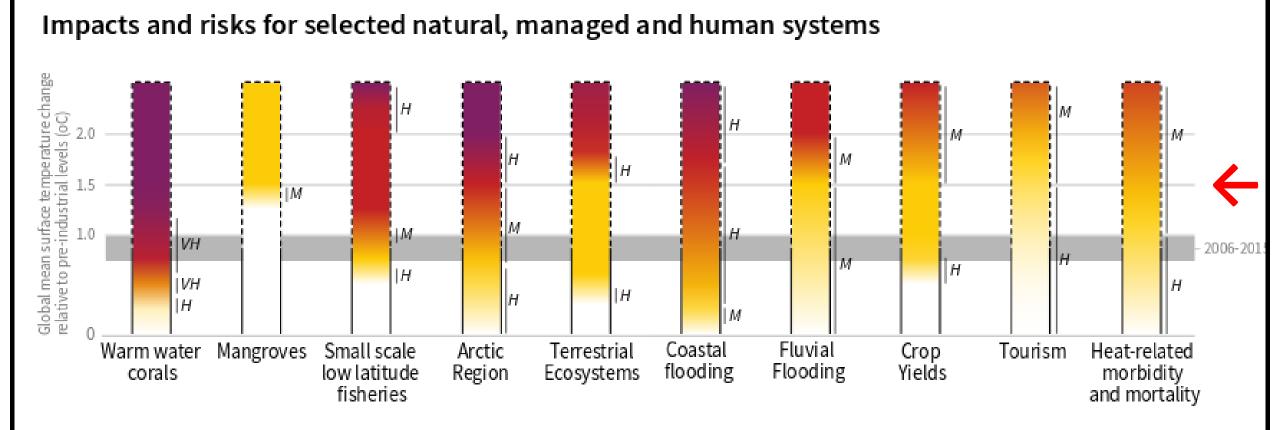


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BOA





Confidence level for transition: L=Low, M=Medium, H=High and VH=Very high

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Supratim Bhattacharjee / UNESCO Photo of the Year 2021

A working paper for the G20



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