



Water, peace and security in the Sahel

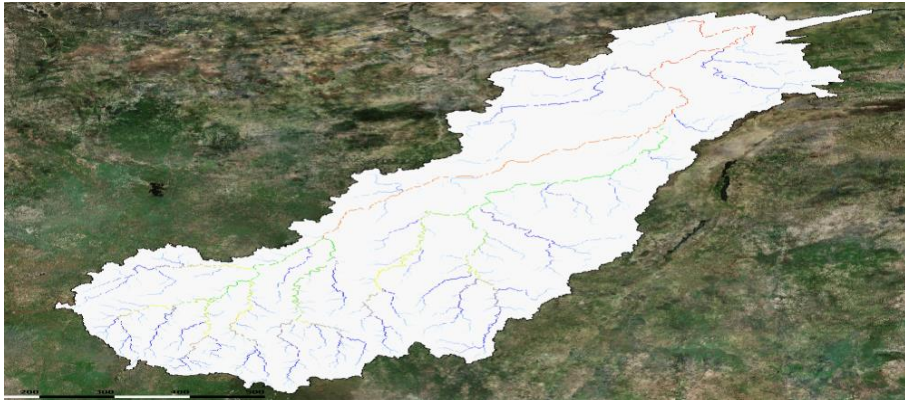
Promoting peaceful and inclusive societies by addressing water threats



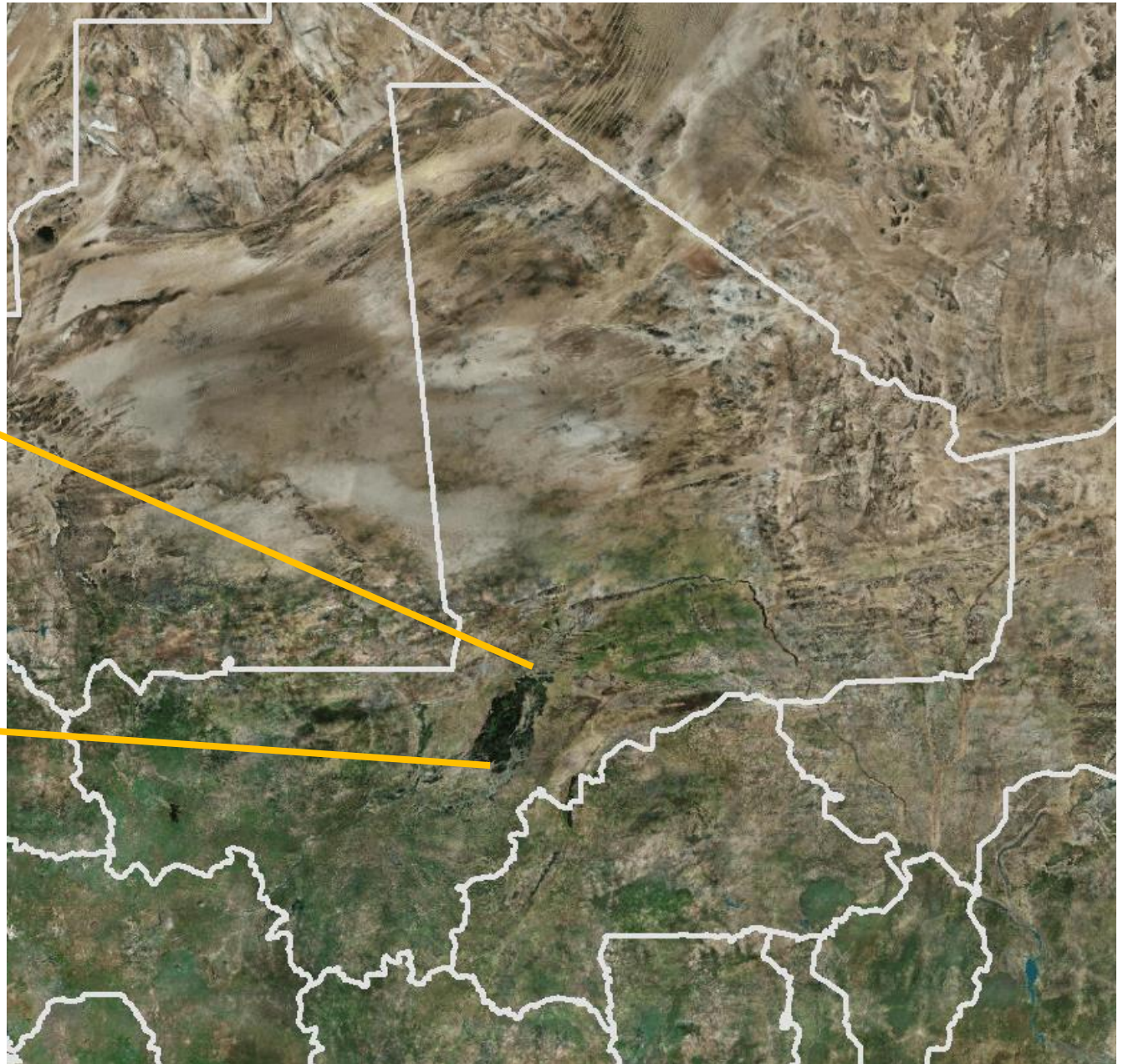
European
Commission

#eddd19 | **18 > 19 June 2019** | Brussels

Mali and Inner Niger Delta



**The third largest wetland
in the world: more than
4,000 million hectares**



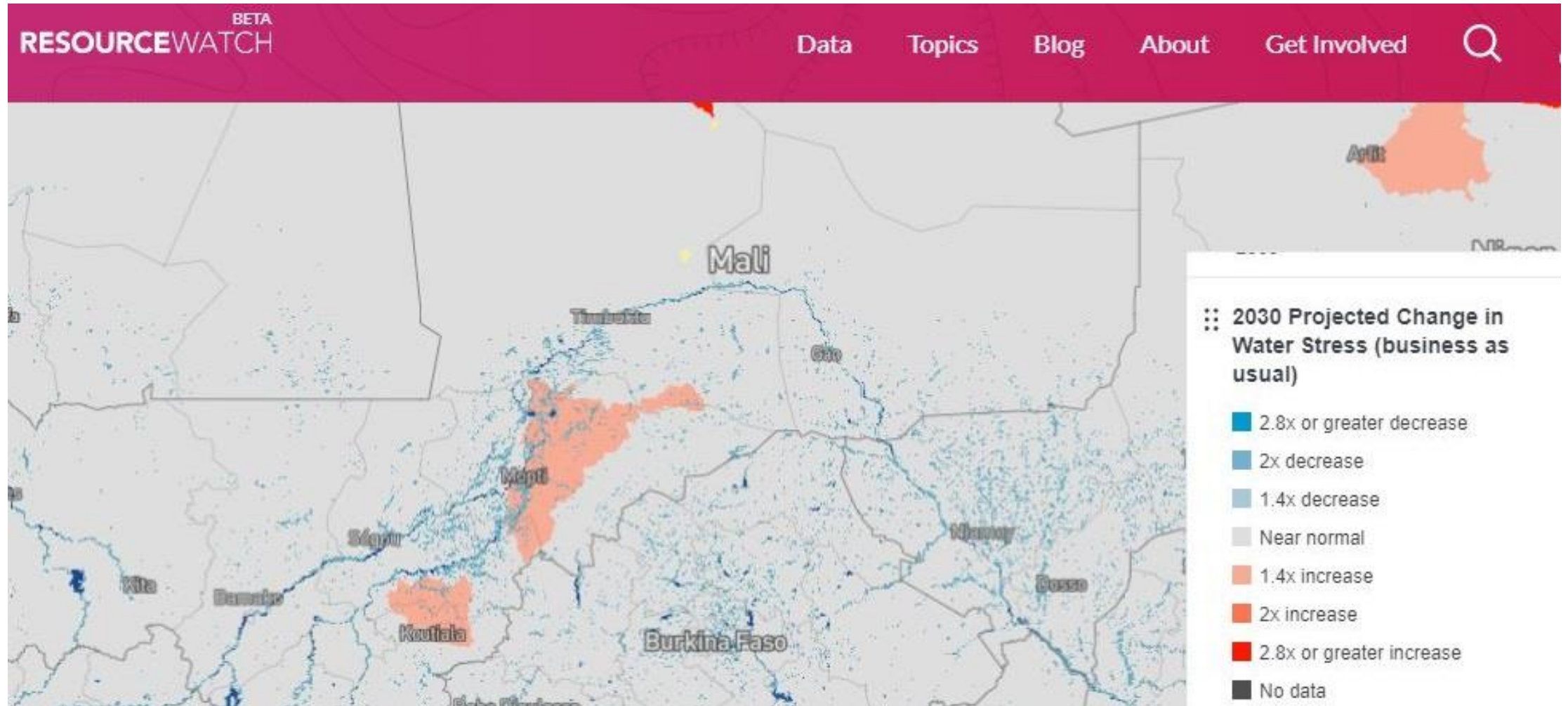
CLIMATE CHANGE HAS CHANGED...

Temperatures across the Sahel have increased by nearly 1C since 1970, and are projected to be 1.5 times higher than the global average

FAO estimates that Roughly 80% of the Sahel's farmland is affected by degradation, including soil erosion and deforestation



Water stress in the region is projected to increase



CLIMATE CHANGE, ECOLOGICAL CRISIS, WATER TRENDS CAN CONTRIBUTE TO POLITICAL INSECURITY

1. Diminishing water supply
 - Drought
 - Unusable water
 - Dammed/diverted water
2. Growing population/ Growing water demand
3. Flooding / Intermittent-excessive water supply

CONFLICT IN MALI

WE NEED

WATER

نحن نحتاج الماء

Since 2012, at least 2,000 fatalities and forced migration of over 200,000

MORE RESEARCH IS NEEDED TO BETTER UNDERSTAND THE LINK BETWEEN CLIMATE, WATER AND CONFLICT

“These biases mean that research on climate change and conflict primarily focuses on a few accessible regions, overstates the links between both phenomena . . .”

The image shows a screenshot of a scientific article from Nature Climate Change. The article title is "Sampling bias in climate–conflict research" and the authors are Courtland Adams, Tobias Ide, Jon Barnett, and Adrien Detges. The article discusses the issue of sampling bias in research on the link between climate change and conflict, specifically noting that research often focuses on a few accessible regions, which overstates the links between the two phenomena. The article is part of a "LETTERS" section and includes a URL: <https://doi.org/10.1038/n41538-018-0068-2>. The article text is partially visible, showing the beginning of the abstract and the first paragraph of the main text.

Water, Peace & Security



IHE
DELFT



Wetlands
INTERNATIONAL



Oregon State
University



Ministry of Foreign Affairs of the
Netherlands



international
alert



WORLD
RESOURCES
INSTITUTE



Thank you!

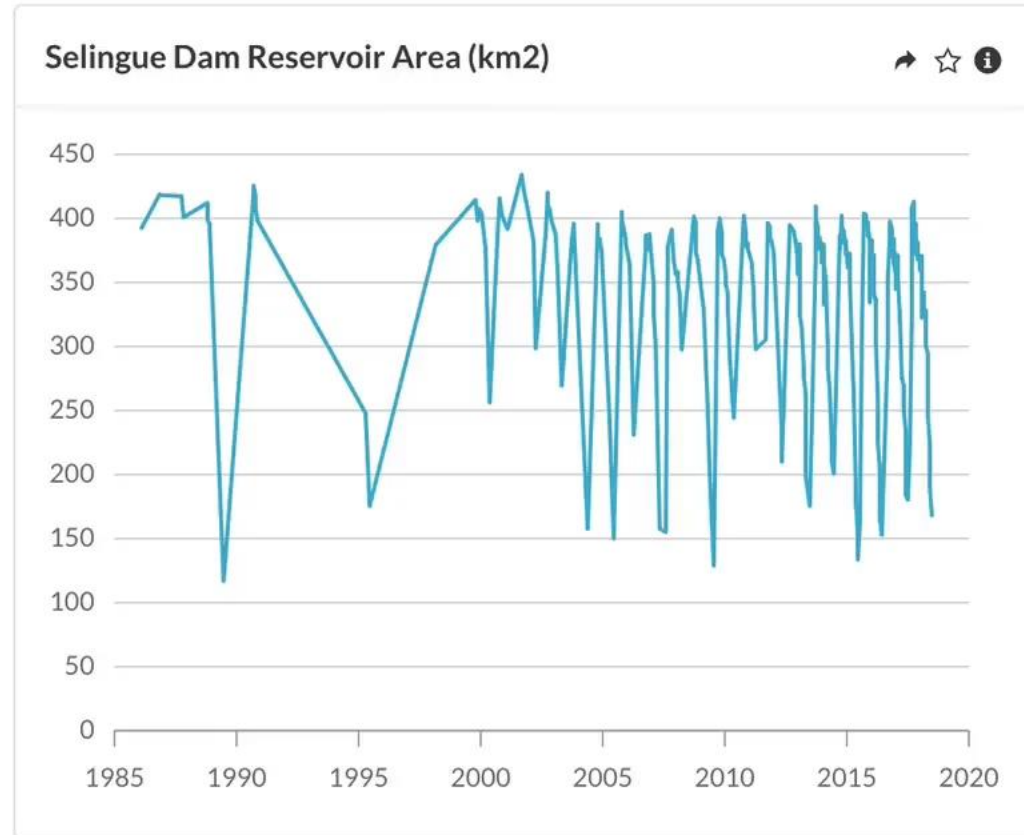
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Reservoir and Water Body Area



This dataset provides estimates of surface water extent changes for all known waterbodies in the larger Middle East and North Africa region. Results can be seen visually through refined waterbody geometries and corresponding time series files. The water bodies were identified using the HydroLAKES dataset. For every waterbody, a refined maximum extent geometry was estimated using the European Commission Joint Research Centre (EC JRC) surface water occurrence. The resulting geometries used all available medium resolution optical images from the NASA Landsat and ESA Sentinel missions using methods described in Donchyts, 2018. Imagery coverage begins in the early 1980's