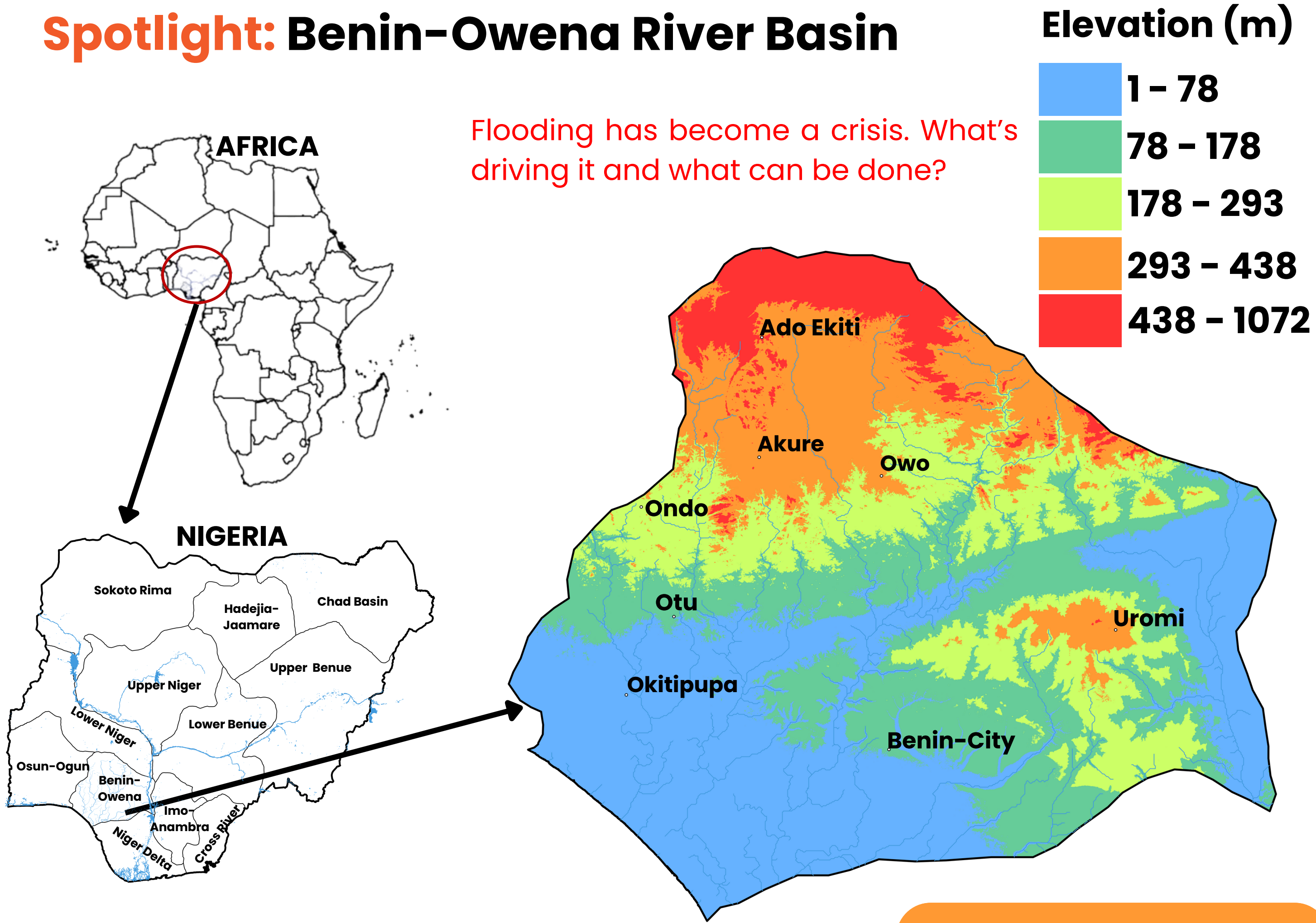


Lifelines at Risk: Nigeria's River Basins and the Triple Planetary Crisis

Spotlight: Benin-Owena River Basin



BENIN OWENA AT GLANCE



Geography and Scale

The Benin-Owena Basin covers much of Edo, Ondo, Ekiti, and parts of Delta States. Its varied landscape includes forests, wetlands, and fertile farmland supporting rural and urban life.



River Systems

Centred along the Owena, Onyami, and Osse rivers, with many tributaries and wetlands, the basin supplies vital water for households, irrigation, and hydropower. Key assets include the Owena and Ojirami Dams.

TRIPLE PLANETARY CRISIS



Climate & Weather

Changing rainfall, rising temperatures, and unpredictable weather disrupt farming; without adaptation, crop yields may drop **10–25%** by **2035**.



Wetlands & Biodiversity

Wetland loss and ecosystem degradation put over **300** species at risk.



Pollution & Water Stress

Waste, runoff, and faecal pollution degrade water, driving seasonal shortages despite high rainfall.

CALL TO ACTION



Hydraulic Infrastructure & Waste

Improved water conservation and drainage systems and better waste management.



Land Use: Support reforestation and promote sustainable land practices.



Preparedness

Strengthen community readiness and early warning systems.



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