



RESOURCE

Aqueduct: Using Cutting-edge Data to Identify and Evaluate Water Risks around the World

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Description / Abstract

Water risks are an urgent global challenge. Most public health crises are already driven by water, including floods, droughts and water-borne diseases. Climate change is worsening the problem by intensifying floods and drought, shifting precipitation patterns, altering water supplies and accelerating glacial melt and sea level rise. Clean water supplies are vital for human health, industry, agriculture and energy production, making water risks a major humanitarian threat. Identifying, understanding and responding to these risks requires transparent, publicly available data. Aqueduct's tools use open-source, peer-reviewed data to map water risks such as floods, droughts and stress. Beyond the tools, the Aqueduct team works one-on-one with companies, governments and research partners through the Aqueduct Alliance to help advance best practices in water resource management and enable sustainable growth in a water-constrained world. Aqueduct is part of WRI's Water Program and is related to the Corporate Water Stewardship initiative.

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