## Why the World Needs Geography Now More Than Ever

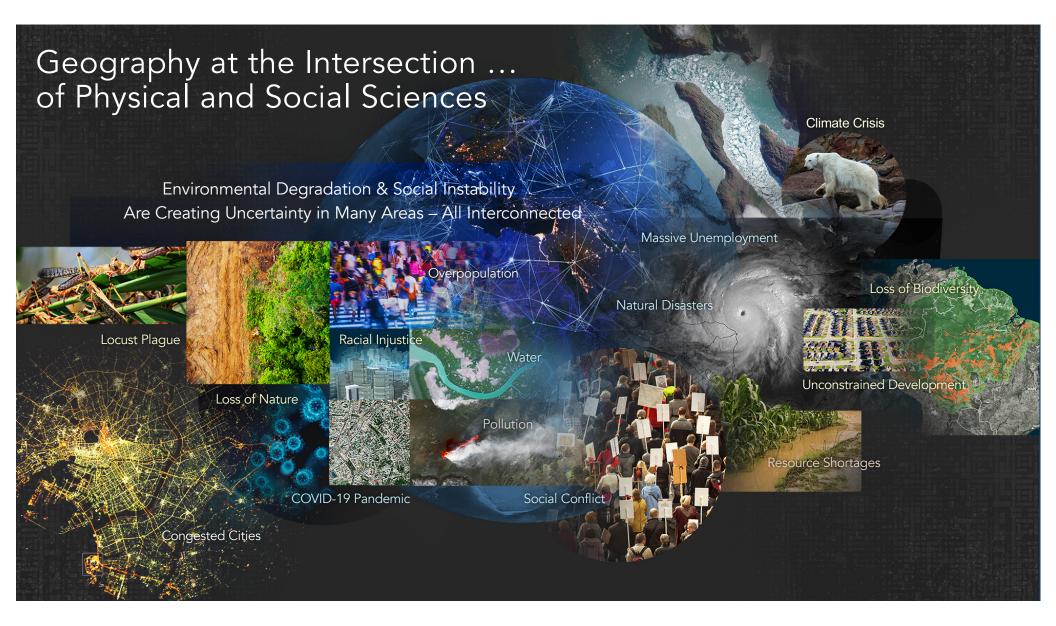
Dawn J. Wright, Ph.D. Esri Chief Scientist



Adjunct Professor of Geography & Oceanography



President's Council of Advisors on Science and Technology (PCAST) July 11, 2024



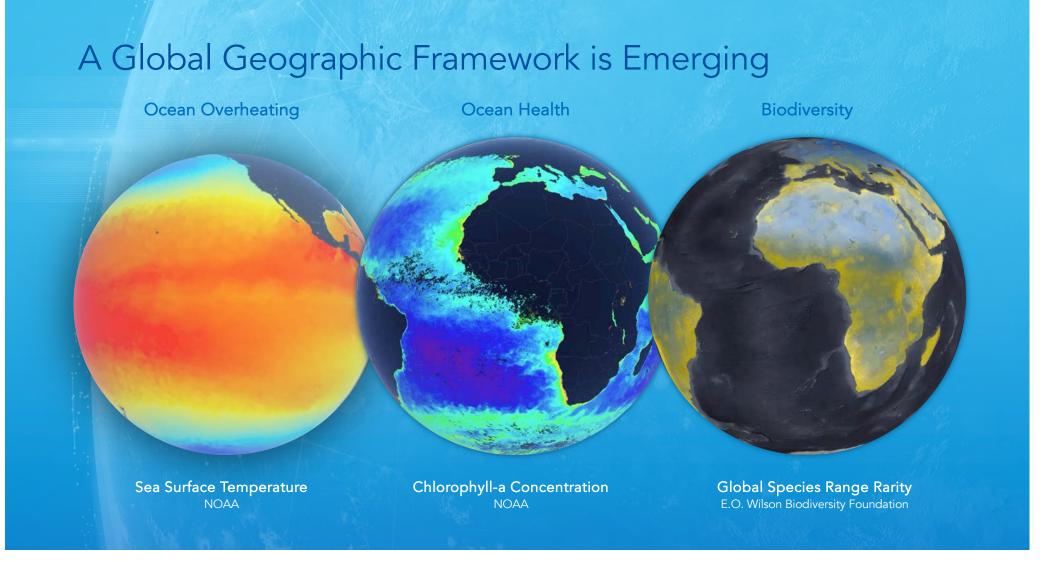
### The Geographic Approach

Integrating and Supporting Powerful Methodologies

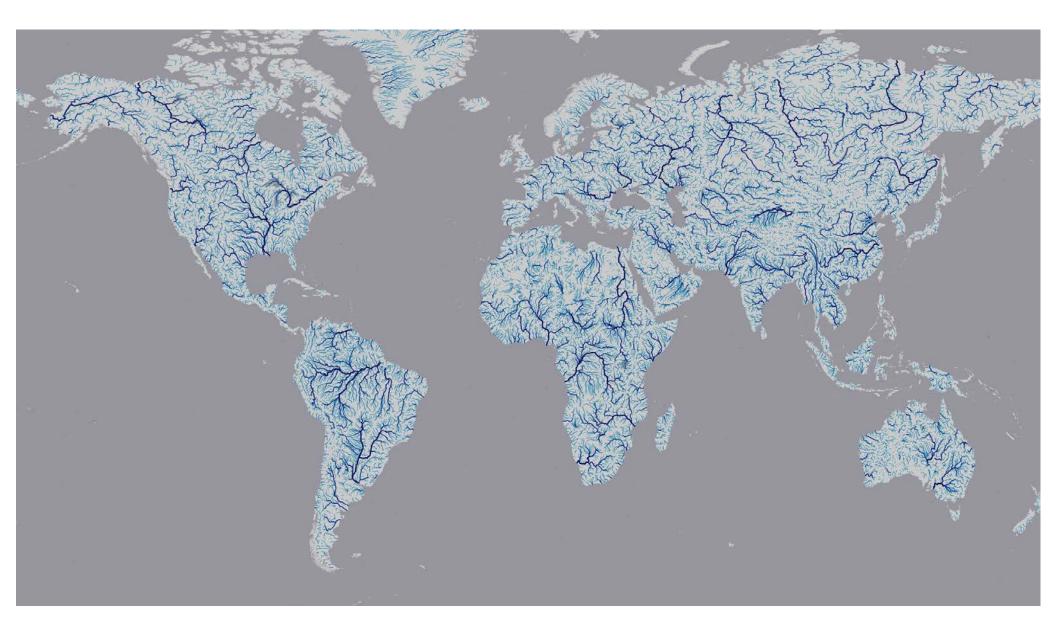
> Creating Building Blocks for Shared Understanding

Transforming How We See the World



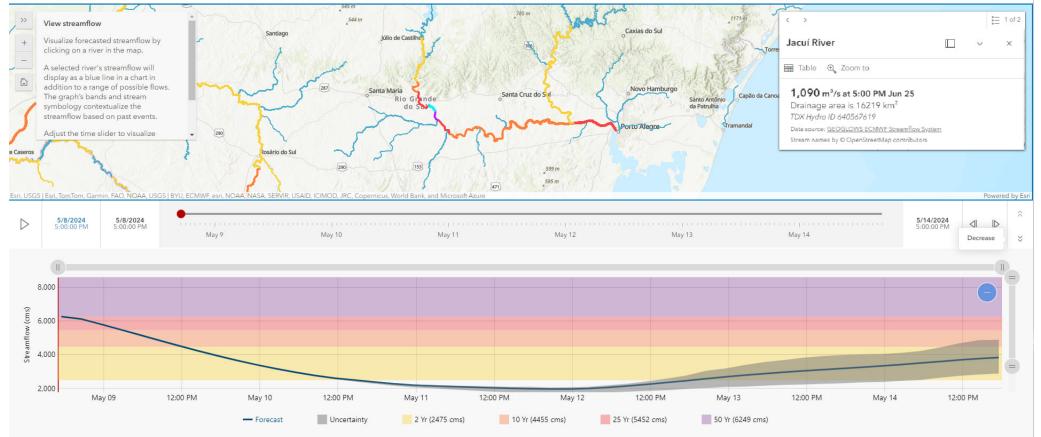


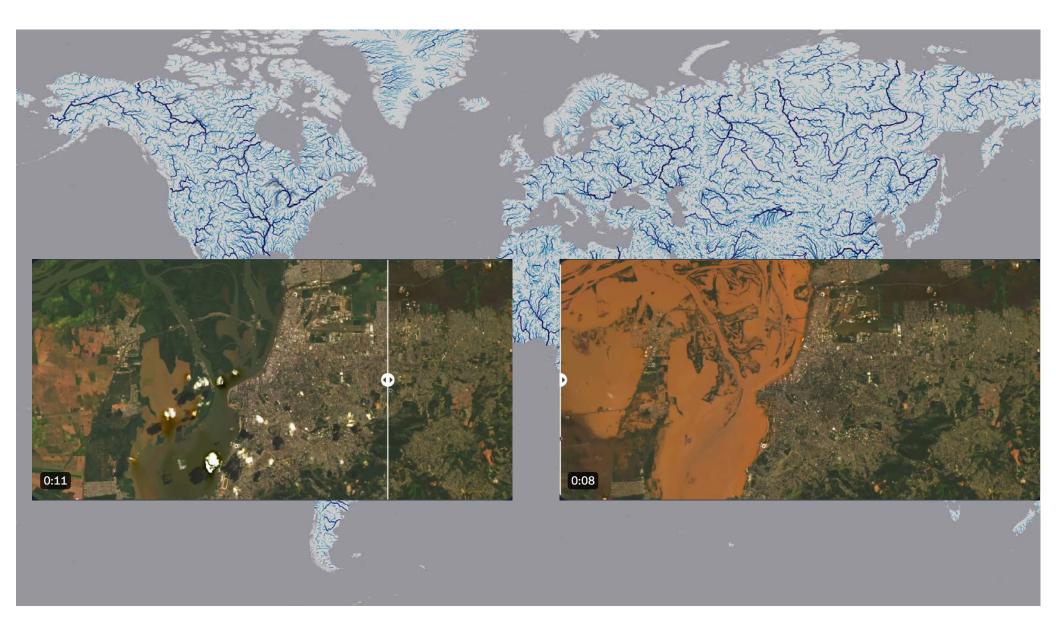




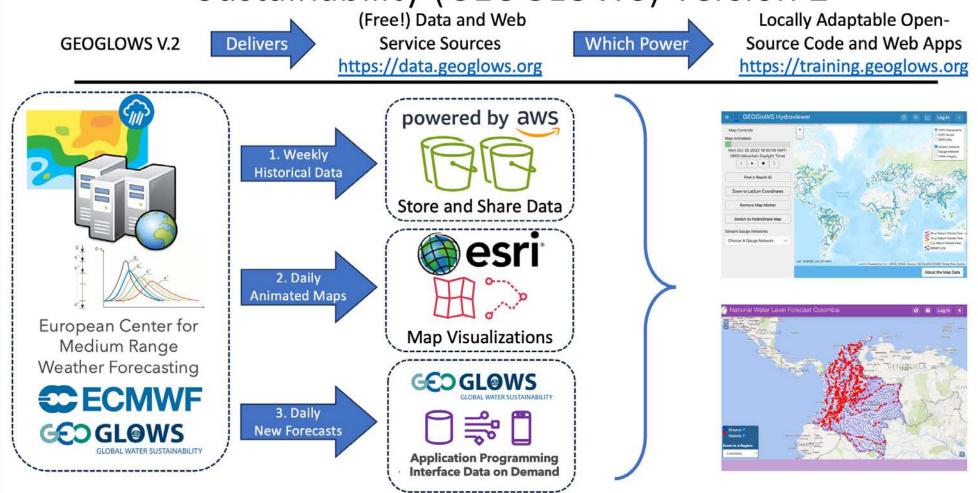


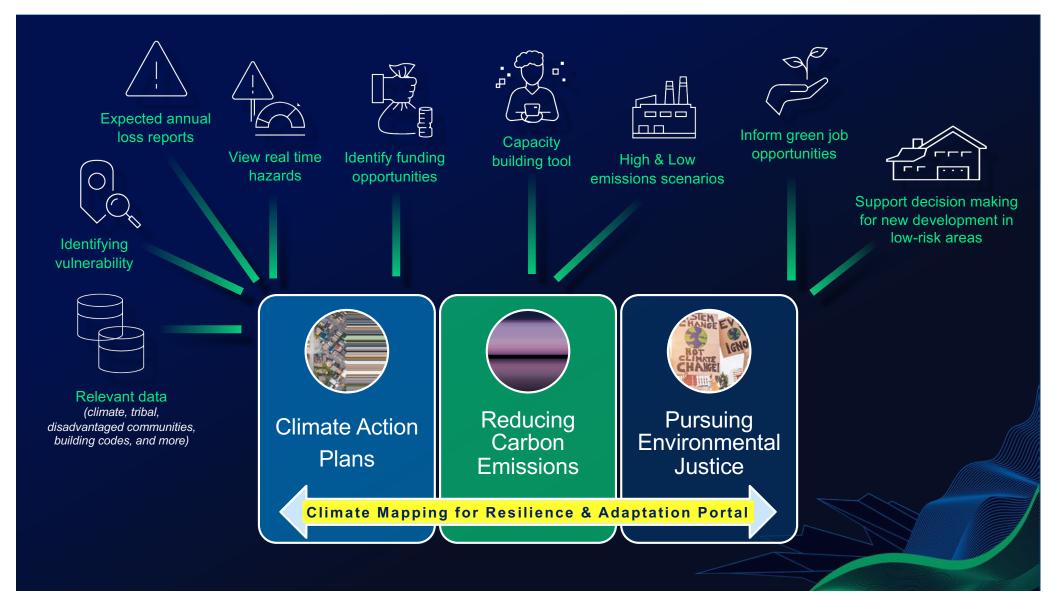
#### GEOGLOWS Sistema de Previsão de Rios do Brasil





# Group on Earth Observations Global Water Sustainability (GEOGLOWS) Version 2





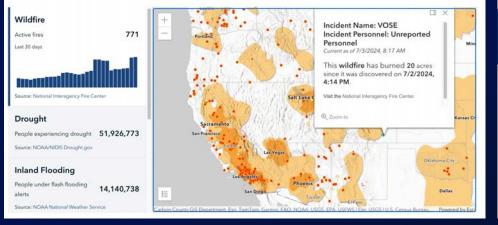


Climate Mapping for Resilience and Adaptation (CMRA) integrates information from across the federal government to help people consider their local exposure to climate-related hazards. People working in community organizations or for local, Tribal, state, or Federal governments can use the site to help them develop equitable climate resilience plans to protect people, property, and infrastructure. The site also points users to Federal grant funds for climate

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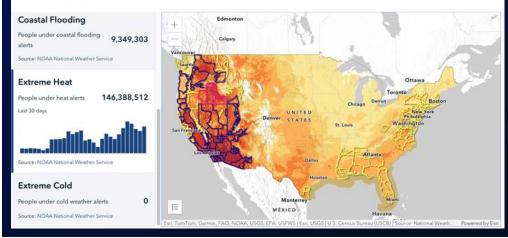
#### **Climate-related hazards in real-time**

Climate-related hazards are affecting U.S. communities every day. View real-time statistics and maps documenting where people, property, and infrastructure may be exposed to hazards. Click any hazard below to display its associated map. Click areas of interest on any map for more information.



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