



United States Global Change Research Program



13 Federal Departments & Agencies +
Executive Office of the President

Informing Decisions

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USGCRP Scenario Planning

- 1) Climate Scenarios & nesting/boundary issues
 - ✧ Ensemble weighting
 - ✧ Downscaling – statistical, dynamical, hybrid
 - ✧ Regional climate & sea level rise scenarios
 - ✧ Tail risks

- 2) Human Dimensions
 - ✧ LULCC & Population/migration (e.g. ICLUS)
 - ✧ Regional economics (e.g. CIRA)

- 3) Risk-based framing and contextual basis

Recent USGCRP Activities

➤ Resilience Dialogs

- Online service that provides customized, facilitated consultations to communities entering into climate vulnerability assessments and resilience & preparedness planning
- A public-private collaboration co-managed by USGCRP and AGU's Thriving Earth Exchange
- Launched publicly by the White House in October, 2016
- What the Resilience Dialogues aims to do:
 - Identify and refine key community questions
 - Characterize local risks and impacts
 - Identify best-available resources to inform planning strategies
 - Connect communities with an expanded network of resilience scientists & experts
- What the Resilience Dialogues will not do:
 - Make decisions for communities
 - Conduct a full climate assessment or resilience planning effort
 - Replace professional consultants hired to develop in-depth climate resilience plans

Recent USGCRP Activities

➤ **Partnership for Resilience & Preparedness (PREP)**

- Beta version launched Sep 22, 2016
- Provision of data from the user's perspective (retail vs wholesale)
- Part of an ecosystem of tools and resources to support resilience

- Data Workgroup's mission - reduce the barriers to accessing, contributing, and using data for climate resilience.
- Engagement Workgroup's mission - understand the information needs of those seeking to build preparedness and resilience.
- Platforms Workgroup's mission - promote the discovery and use of climate related data and services through the development of open, online platforms.

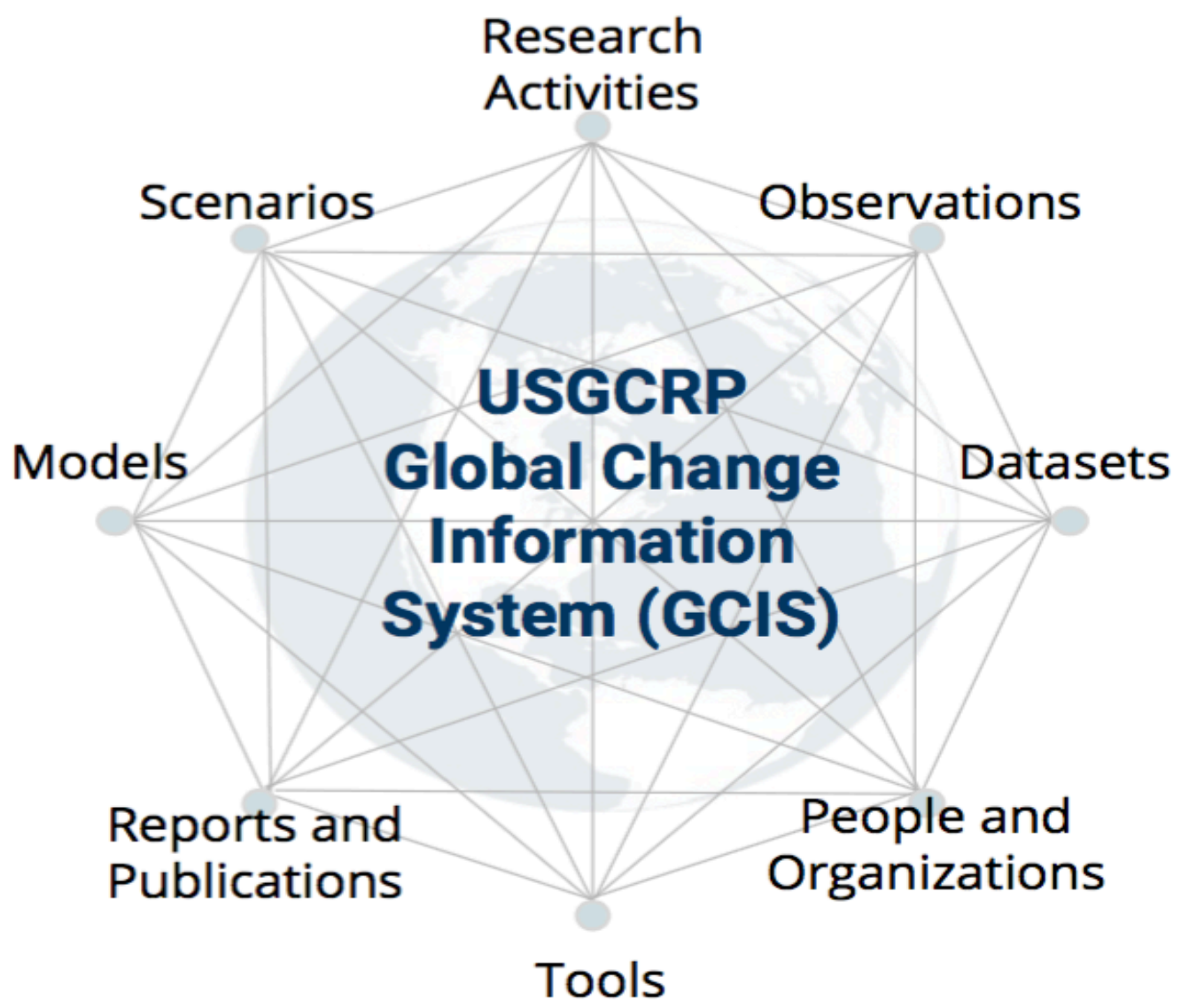
Enabling collective action to manage climate risks |

<https://prepdata.org>



What is GCIS?

GCIS **connects** the information supporting climate reports for scientists, decision makers and the public.



What does GCIS do?

Capture

Direct and automated retrieval from contributors, agency data centers, publishers, agency partners, etc.

Identify

Assign persistent, resolvable, controlled identifiers.

Organize

Capture and represent relationships between elements, across data center and agency boundaries.

Present

Provide interfaces to retrieve, search and mine structured metadata

Maintain

Develop tools and processes to ensure quality and integrity of content over time.

USGCRP – Informing Decisions

