

Adaptable Information Models in the Global Change Information System

Brian Duggan¹², Andrew Buddenberg³,
Steve Aulenbach¹², Robert Wolfe¹⁴, Justin Goldstein¹²

¹US Global Change Research Program

²University Corporation for Atmospheric Research

³National Oceanic and Atmospheric Administration

⁴National Aeronautics and Space Administration

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<http://data.globalchange.gov>

<http://github.com/USGCRP/gcis>

Outline

1. Introduction and Functionality
 - NCA3 Report Production
 - NCA3 Website backend
 - Provenance of Resources
 - Source of reliable information
 - Connections with other sources of information
2. Information Model
 - Relational
 - Semantic
 - Examples
3. System Architecture
 - Diagram
 - Updating the Schema
 - Updating the Ontology
 - Updating Content
4. Conclusion, Ongoing Work and Future Plans

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NCA3 Report Production

In May, 2014, the US Global Change Research Program released the 2014 National Climate Assessment.

Producing this 829 page report and its web site involved collaboration between over 300 authors, numerous editors, graphics producers, scientists, data scientists, software developers, and web teams.

The content included 161 findings, 284 figures, 3,395 bibliographic references (journal articles, books, reports).

NCA3 Website backend

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Provenance of Resources

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Semantic

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Examples

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Diagram

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