

Developing a System of National Indicators to Track Climate Changes, Impacts, Vulnerabilities, and Preparedness

Melissa A. Kenney, USGCRP National Climate Indicator System

Anthony Janetos, NCADAC Indicator Work Group Chair

Derek Arndt, NCADAC Indicator Work Group Co-Chair, Physical Indicators Team Lead

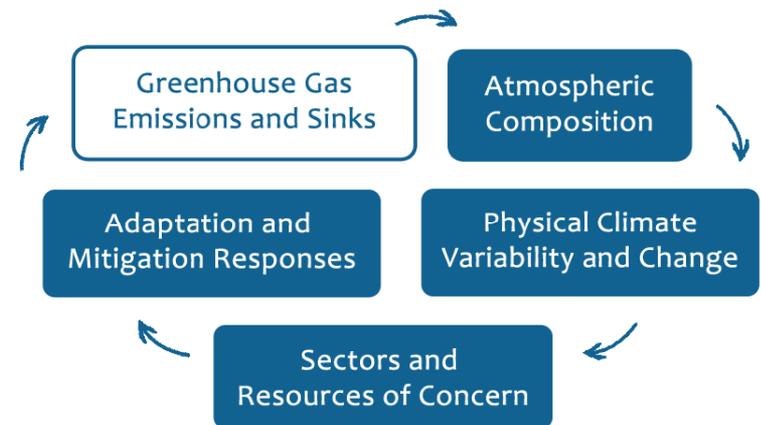
Robert Chen, NCADAC Indicator Work Group Co-Chair, Societal Indicators Team Lead

Richard Pouyat, Ecological Indicators Team Lead

National Climate Indicators System

A system of social, ecological, and societal indicators that communicate key aspects of the physical climate, climate impacts, vulnerabilities, and preparedness.

- Provide meaningful, authoritative climate-relevant measures about the status, rates, and trends of key physical, ecological, and societal variables and values;
- Inform decisions at multiple scales
- Identify climate-related conditions and impacts
- Provide analytical tools by which user communities can derive their own indicators for particular purposes.



Categories of Indicators: Framework for the National Climate Assessment Indicator System

- Deke Arndt, Physical Indicators Lead (NOAA NCDC)
- Christa Peters-Litard, Water Cycle and Management Lead (NASA)
- Britta Bierwagen, Freshwater Ecosystems Team Lead (EPA ORD)
- Roger Griffis, Oceans and Coastal Team Co-lead (NOAA)
- Laurie Mcgilvary, Oceans and Coastal Team Co-lead (NOAA)
- Dennis Ojima, Grassland Team Lead (Colorado State Univ.)
- Nancy Cavallaro, Grassland Team Co-lead (USDA NIFA)
- Jake Weltzin, Phenology Team Lead (USGS NPN)
- Mike McGeehin, Health Team Lead (RTI International)
- Tom Wilbanks, Energy and Infrastructure Team Lead (ORNL)
- Leon Clarke, Mitigation and GHG Team Lead (DOE PNNL JGCRI)
- Jerry Hatfield, Agriculture Team Lead (USDA)
- Linda Heath, Forest Team Lead (USDA - USFS)
- Patricia Gober – Adaptation and Hazards Team Co-lead (AZ State Univ.)
- Kathleen Tierney – Adaptation and Hazards Team Co-lead (Univ. CO Boulder)
- Biodiversity – forthcoming

