S C A N

Science for Climate Action Network

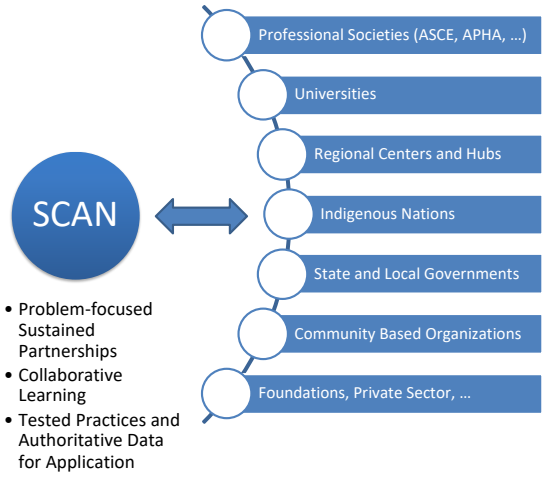
The Science for Climate Action Network (SCAN) is a national network of leading scientists and practitioners who facilitate the application of science to support climate adaptation and mitigation solutions. SCAN convenes scientists, stakeholders and policymakers to achieve science-based risk management. We are experienced working both in and with federal, state, tribal, community-based, and private entities to ensure that climate change policies and measures are based on robust and usable science. SCAN's deep expertise and experiences with a broad range of sectors, decision-makers, and policymakers enable us to bridge science and policy and develop consensus that ensures solutions will be effective. Our collaborative process helps leaders and citizens to weigh tradeoffs and select pathways that will increase resilience and preparedness.

SCAN can assist federal agencies to collaborate with state/local/tribal governments and civil society on climate risk management. Many states, local governments, and private actors have continued to move forward with implementing climate change adaptation and mitigation policies, and it is important to build on this experience. The country cannot wait to manage risks and limit the impacts of climate change, and deeper collaborations across levels of government and sectors of society will accelerate progress. SCAN can help by engaging hundreds of non-federal groups and facilitating their interactions with federal agencies to improve coordination and accelerate action. SCAN's experience directly engaging with stakeholders allows us to mediate and prioritize diverse stakeholder needs and improve responses to climate risk.

SCAN is ready to deploy today. SCAN experts have deep experience working and collaborating with federal agencies (including entities within the Executive Office of the President such as the White House Office of Science and Technology Policy—OSTP), tribal/state/local governments, and civil society.
With funding, SCAN is poised to:

- Provide climate science and adaptation expertise in support of policies, plans, legislation, operations, and budget structures;
- Provide scientific support for transformative climate action;
- Assess climate change information quality and usability based on both scientific analysis and the experiences of groups directly managing climate threats;
- Integrate future climate considerations into policies, for example incorporating climate risk analysis into bond ratings and supply chain risk assessment;
- Prioritize inclusion of and services to underserved and vulnerable communities;
- Support the training of a workforce that understands and uses climate information;
- Inform best practices for a variety of challenges such as designing infrastructure;
- Use citizen science and artificial intelligence to scale up adaptation efforts; and
- Effectively communicate current and future impacts of climate change, including appropriately conveying confidence and uncertainty.

Deploying SCAN would be an easy win on climate and would help decision-makers make informed climate choices in very short time frame. As the Biden Administration begins, there will be many changes in Congressional and White House staff and officials. Agencies will need to replenish staff capacity and resources to effectively accomplish new goals. To support this transition, SCAN could quickly provide a "roadmap" to rapidly boost the Nation's climate preparedness, as well as coordinate civil society groups and prioritize requests for federal information and action. Engaging with SCAN would support science-based climate actions while federal agencies ramp up. For details on specific projects, please reach out to one of the contacts below.



SCAN links national, sub-national, and private institutions to establish and maintain a science-based climate support network. SCAN brings together practitioners with scientists, professionals, and science intermediaries to ensure the Nation can use sound knowledge to adapt to and mitigate climate change. SCAN helps its partners to easily access science and understand the tradeoffs and opportunities associated with adaptation and mitigation decisions.

Conveners of SCAN include:

Bilal Ayyub, University of Maryland, chair of the Infrastructure Resilience Division and climate adaptation committee of the American Society of Civil Engineers.
Mary Glackin, American Meteorological Society President, former Senior Vice President at The Weather Company and Deputy Undersecretary of NOAA.
Sherri Goodman, Wilson Center, former Deputy Undersecretary of Defense for Environmental Security.
Alice Hill, Council on Foreign Relations, former Special Assistant to the President and Senior Director for Resilience Policy for the National Security Council in the Obama administration.
Katharine Jacobs, University of Arizona, was Director of the 2014 National Climate Assessment (NCA) and adaptation lead for OSTP in the Obama administration.
Glynis Lough, a climate science and policy expert, served as Chief of Staff for the 2014 NCA.
Jerry Melillo, Distinguished Scientist and Director Emeritus, The Ecosystems Center, Marine Biological Laboratory, was Chair of the first three NCAs.
Sascha Petersen, Founder and Director, Adaptation International, a national leader in work with communities and Tribal Nations to prepare for climate change.
T.C. Richmond, Partner, Van Ness Feldman, was Vice Chair of the 2014 NCA, focuses on water law and climate change.
Lynn Scarlett, The Nature Conservancy, former Deputy Secretary of the Interior, George W. Bush administration.
Lester Snow, a water policy expert, served as Secretary of the California Natural Resources Agency, Director of California DWR, and Regional Director of the Bureau of Reclamation.

SCAN's Conveners span a wide range of disciplines and have many years of experience supporting climate decisions. We know that federal leadership is required on climate, but also that it will be more effective if informed by other levels of government and civil society. We have a flexible organization that can evolve to suit the needs of a new administration.

For more information contact:
Anne Waple awaple@climateassessment.org
Katharine Jacobs jacobsk@email.arizona.edu
Glynis Lough loughgc@gmail.com,
(703) 634-3141

https://www.climateassessment.org