



Qualifications Highlights

- CPRG grant manager
- Resilience planning

Education

- Masters in Biology, Virginia Commonwealth University, 2020;
- Bachelor of Arts in Environmental Studies and Political Science, Marietta College, 2012

Certifications and Trainings

- Human Health and Global Environmental Change – edX, HarvardX, 2013
- NASA Hyperspectral Data for Land and Coastal Systems

Environmental planning and climate-smart adaptation leadership. Data analysis expertise.

Nicole Keller, MS. Resilience Planner

RELEVANT EXPERIENCE

Nicole is leading the Climate Pollution Reduction Grant (CPRG) planning process for the Richmond MSA, facilitating the steering committee to the successful submission of the PCAP in March 2024. She has expertise in Geographic Information Systems (GIS) and data analysis; grant writing and grant management; climate-smart adaptation planning; and organizational plan development. She specializes in crafting innovative strategies that enhance resilience in the face of environmental disruptions, utilizing GIS to analyze ecological patterns, predict climate impacts on human and ecological assets, and formulate actionable solutions. Her passion is for fostering climate change adaptation and mitigation initiatives that drive sustainable resource management and urban resilience.

PROJECT EXPERIENCE

Resilience Planner

Climate Pollution Reduction Grant (CPRG) Project Manager, 2023–Present

Leading the planning process for the Richmond MSA, successfully convening and facilitating a stakeholder steering committee and harnessing their guidance to submit a quality Priority Climate Action Plan.

Homeward Extreme Weather Taskforce, 2022–Present

Key member of the Extreme Weather Taskforce, serving the Greater Richmond Continuum of Care (GRCoC), focusing on crafting guidance for protecting and responding to the needs of unhoused individuals in the face of extreme weather.

Established a partnership with Homeward to provide GIS services to and improve the data collection of the annual Point-In-Time (PIT) Count.

SolSmart Initiative Lead, 2022–Present

Leads PlanRVA in receiving and maintaining bronze designation, first achieved in 2023.



Extreme Heat and Cooling Capacity Project Manager, 2023–Present

PlanRVA leader, mapping and analyzing extreme heat and resiliency in the region. Project funded in part by VADOF.

EMPLOYMENT HISTORY

Department of Conservation and Recreation, 2021–2022

Agricultural Incentive Program Technician. Provided GIS analysis and programmatic support.

NASA DEVELOP, 2020

Worked on a small team to conduct a GIS analysis of urban heat and social vulnerability in Sacramento. Provided resilience scenario planning support.

Virginia Commonwealth University, 2016–2018

Wetlands Research Technician. Conducted field and lab work to study the influence of saltwater intrusion to freshwater wetlands on greenhouse gas flux.

National Wildlife Federation, 2015–2016

Wildlife & Climate Safeguards Intern. Supported development of a guide for New Jersey coastal cities to improve resilience using nature-based solutions. Co-authored the Nature-Based Solutions Report (2015).