

BUILDING CLIMATE RESILIENCE

at Dickinson and in Central, PA

The Steps to Resilience



WHAT IS CLIMATE RESILIENCE?

The capacity to prevent, limit, and recover from impacts of the changing climate and adapt to flourish in an uncertain future.

WHY DID DICKINSON SIGN THE RESILIENCE COMMITMENT?

As a sustainability focused college, Dickinson has a responsibility to educate and act on climate change. In signing Second Nature’s Resilience Commitment, we are stepping forward as a partner and leader for climate resilience in Carlisle, Cumberland County, and the world.

WHAT ARE SOME EXAMPLES OF ACTIONS TO BUILD RESILIENCE?

- Improve stormwater management
- Improve planning to reduce risks from natural hazards
- Provide more shade and green spaces
- Build social capital – connections among people and organizations for effective action
- Provide equitable access for the most vulnerable residents to good jobs, health care, quality housing, nutritious food, clean water, clean air and green spaces.

What is Dickinson’s process and timeline?

Spring 2023	Engage the campus, Carlisle and Cumberland County
Fall 2023-Spring 2024	Assess exposures and risks
Spring-Fall 2024	Investigate options
Fall 2024-Spring 2025	Prioritize and plan
Fall 2025	Adopt plan
Spring 2026	Take action, begin implementation. Some actions will come sooner.

HOW CAN YOU PARTICIPATE?

1. Attend the Climate Resilience Open Meeting, April 11, 6–7:30 p.m., HUB Social Hall
2. Take classes that will assist with the work!
3. Contact the Resilience Working Group: Neil Leary, learyn@dickinson.edu
Ken Shultes, shultes@dickinson.edu
4. Educate yourself about building climate resilience! Visit [Dickinson.edu/climate-resilience](https://dickinson.edu/climate-resilience)

RESPONDING TO CLIMATE CHANGE

at Dickinson and in Central, PA

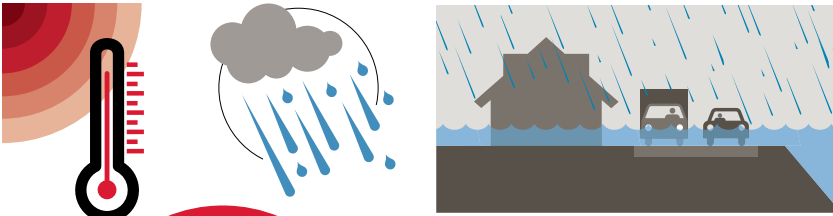
What is the problem?

Greenhouse gas pollutants are warming the planet and changing the climate in other ways that are hazardous to people and the environment

WHAT CAN BE DONE?

- Reduce greenhouse gas pollution
 - Conserve energy and increase energy efficiency
 - Switch to zero carbon energy
 - Electrify energy end-uses
- Adapt to the changing climate
- Build resilience

What changes can we expect in our climate?



Central, PA is likely to experience:

- More extreme heat days
- Hotter and drier summers
- More heavy rain
- More stormwater runoff
- More flooding

WHAT IS DICKINSON DOING?

- Reduced our greenhouse gas pollution to zero net emissions
- Pursuing further reductions in emissions
- Launching a new climate resilience initiative
- Working with Carlisle and Cumberland County to promote greenhouse gas emission reductions and greater climate resilience

WHAT IS AT RISK?

- Human health and safety
- The economy, jobs and property
- Air and water quality
- Agriculture and food security
- Forests, streams and wildlife

HOW CAN EACH OF US TAKE ACTION?

- Green up your travel – walk, bike, carpool, use public transit, fly less
- Reduce energy use
- Cut food waste and eat less meat
- Plant and protect trees
- Buy less, buy wisely, recycle
- SPEAK UP – BE A VOICE FOR CLIMATE ACTION!**