

Climate Change Affects Us All

Climate Change

Climate change refers to the long-term changes in global temperatures and other characteristics of the atmosphere. Climate has changed throughout Earth's long history, but this time it's different. The effects are seen across a wide variety of industries.



Health and Wellness

Increased physical illness from air and water pollution, mental health stressors, food insecurity because of soil degradation--limiting agriculture and causing a high percentage of food waste.



STEM Education

Using STEM principles to explore new, greener ways to positively impact the planet, building equitable career pathways for future leaders.



Emergency Preparedness

Occurrences of all forms of natural disasters are growing.



Energy

The importance of energy efficiency, decarbonization, electric vehicles and renewable resources in mitigating climate change continues to grow.



Financial Literacy

Climate change will impact insurance, credit, household savings and other financial sectors.



Water

Water quality deteriorates due to pollution and higher temperatures, stressing the importance of conservation.

Create Meaningful Change to Resist Climate Change

*Make a Splash in Your Community with a Customized **Water Education** Outreach Strategy*



Challenges Due to Climate Change

- ★ Pollution and higher temperatures lead to deterioration of water quality.
- ★ Water is a limited resource. Conservation helps guarantee scarcity doesn't negatively impact access to food and clean water for drinking, cleaning, hygiene and sanitation.

Create Meaningful Change Before Climate Change Does It for You

*Meet Your Goals and Empower Your Community with a Customized **Energy Education** Outreach Strategy*



Key Climate Change Concepts

- ★ Decarbonization is more than a trend, it is the path to slowing down the effects of climate change.
- ★ Energy efficiency is a climate solution that can deliver swift, robust emissions cuts.
- ★ In addition to slowing down the environmental effects of the climate crisis, renewable resources provide a wide range of market and public health benefits that far outweigh their costs.

Accelerating Healthy Habits to Decelerate Effects of Climate Change

*Inspire a Healthier Community with a Customized
Health and Wellness Education Outreach Strategy*



Key Climate Change Challenges

- ★ Sickneses, injuries and death occur as a result of storms and weather events, especially for children, older adults, pregnant women, persons with disabilities or chronic medical conditions, households with low income and some communities of color.
- ★ Diminished food production leads to malnutrition and food insecurity.
- ★ Increased mental health stressors lead to social instability due to social instability due a rise in stress, anxiety, depression, grief and a sense of loss.

The Transformative Power of STEM Education Can Alter Effects of Climate Change

*Enrich Your Community with a
Customized **STEM Education** Outreach Strategy*



Addressing Climate Change with STEM

- ★ Raise self-awareness about environmentally friendly habits by using STEM principles.
- ★ Develop knowledge across all demographics to increase equitable career pathways and foster new environmental leaders with STEM skills.
- ★ Much like STEM education, climate change education is multidisciplinary. Nurturing STEM skills directly enhances the ability to address climate change.

Climate Change Resilience Begins by Building Prepared

*Strengthen Your Community with a Customized
Emergency Preparedness Outreach Strategy*



Education to Reduce, Not Prevent

- ★ Disaster preparedness will not prevent the effects of climate change, but can drastically reduce the impacts upon people and communities.
- ★ The socioeconomic impacts of climate change continue to grow with each incident.
- ★ Higher temperatures, changing landscapes, rising seas, stronger storms, increased heat-related illness and disease, and increased risk of drought, fire and flood are all directly related to climate change.

Financial Impacts of Climate Change

*Achieve High-Yielding Results with a Customized
Financial Literacy Education Outreach Strategy*



Strategies for Financial Organizations to Adapt to Climate Change

- ★ Develop risk and opportunity assessment mechanisms.
- ★ Identify and engage in strategic partnerships.
- ★ Develop products with incentives for climate change adaptation.
- ★ Raise awareness through repeated exposure to financial literacy education starting in elementary school.