Global Climate Change Resources

Welcome to the Global Climate Change Resources Page!

Climate change is a long-term change in the Earth's overall weather patterns or our climate. Our climate has changed many times in the past, but now it is changing at a faster rate than we have seen in the past 100 years. Most of the world's scientists agree that this change is being caused by the burning of fossil fuels and other human activities that release "greenhouse gases" into our atmosphere. Greenhouse gases act like a blanket around the Earth, trapping the heat from the sun that would normally bounce back into space. Scientists are also concerned that this change will have a negative impact on our environment, our economy, our health, our agriculture, our water supply, our forests, our wildlife, our coastal areas, our national security, our recreation, our cultural heritage, our ability to travel, our ability to live in our homes, our ability to work, our ability to grow food, our ability to live healthy lives, our ability to live in our communities, our ability to live in our country, our ability to live on our planet, our ability to live in our universe, our ability to live in our galaxy, our ability to live in our solar system