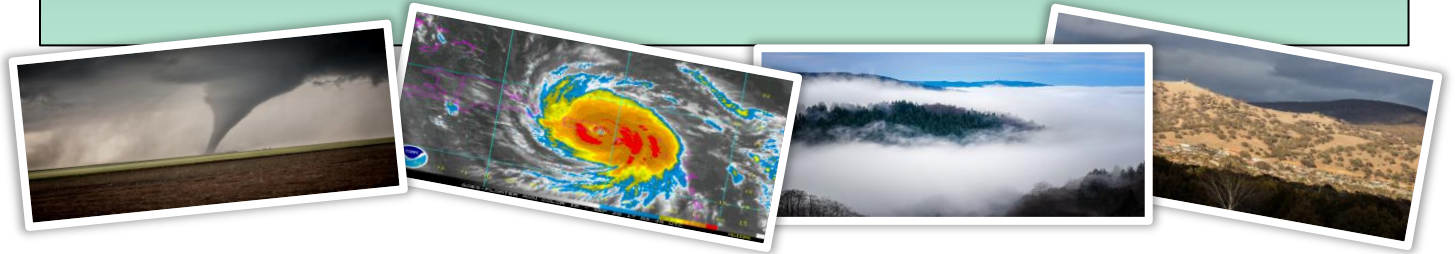


GEOGRAPHY 131

Weather, Climate, and Climate Change



Summer 2024|Full Session (June 06-Aug 08)|University of Tennessee, Knoxville

Instructor: Mayra A. Román Rivera

mromanri@utk.edu

This course (including lab) is fully online, asynchronous.

Course description:

Characteristics and processes of the earth's surface and lower atmosphere; their interaction to produce a world pattern of distinctive environments significant to humanity. Covers elements and controls of climate, atmospheric circulation, precipitation and storms, the hydrological cycle, world climate and vegetation patterns, and climate change.

What will you learn?

We are going to teach you about weather and climate. You will learn why clouds form and what the L and H mean on weather maps. You will learn about Earth's past climate and consider its future. In labs, you will gain hands-on experience with tools and data sources used by physical geographers. Some of the material is challenging, but it is all applicable to your life!

Geography 131 satisfies:

- General Education Requirement Natural Science with Lab
- VolCore Requirement Natural Science with Lab
- Global Challenges Connection Package (It draws from a global range of examples to illustrate how climate and climate change affect environments and people, and why the issue of climate change is of scientific and social importance.)

If you have any questions, feel free to contact me!