



Applied Remote Sensing Training (ARSET) Program

Building Climate Risk Assessments from Local Vulnerability and Exposure (2023)

Homework Questions

Question 1

What is not a part of the Climate Risk Assessment Methodology?

Answers: (bold correct)

- a. Identify
- b. Develop
- c. Catalog**
- d. Assess
- e. Implement & Monitor

Question 2

When assessing climate change risks, when is it important to engage with stakeholders?

Answers: (bold correct)

- a. Before assessment
- b. During assessment
- c. After assessment
- d. All of the above**

Question 3

A climate impact-driver (CID) is a climate condition that directly affects elements of society or ecosystems.

Answers: (bold correct)

- a. True**
- b. False

Question 4

Climate impact-drivers (CID) and their changes only lead to negative outcomes.

Answers: (bold correct)

- a. True
- b. False**

Question 5

Climate change can alter which of the following of a region's climate hazards?

Answers: (bold correct)

- a. Intensity and magnitude
- b. Frequency
- c. Duration
- d. Timing
- e. Spatial extent
- f. All of the above**

Question 6

The mission of the Climate Adaptation Science Investigators Phase 2 Initiative (CASI2) is to provide the latest scientific research on climate change to help NASA facilities managers adapt to increasing climate risks in timely and effective ways.

Answers: (bold correct)

- a. True**
- b. False

Question 7

Some of the Coupled Model Intercomparison Project (CMIP6) Global Circulation Models (GCM) have a ____ bias and should be avoided or used with caution.

Answers: (bold correct)

- a. Hot**
- b. Cold
- c. Wet
- d. Dry

Question 8

CASI2 responds directly to the U.S. Executive Order 14008 that requires all federal agencies to develop and implement climate adaptation plans.

Answers: (bold correct)

- a. **True**
- b. False

Question 9

Do you feel that this training has helped you understand the diversity of climate assessment and climate risk? Is there anything that you felt was missing in this training?

Question 10

Are you undertaking a similar climate risk assessment like CASI in your own domain? If so, can you tell us what it is?