

Name: \_\_\_\_\_

Date: \_\_\_\_\_



## Climate Change & Palau

### Activity 2: Climate Change & Palau Worksheet

Instructions: Watch the video “Climate Change and Palau: Our Place in a Big World.” It can be accessed on YouTube at <https://youtu.be/wpUsY6DJyOM>.

Use the video to help you answer the following questions. For multiple choice, circle the letter for the correct answer. For #8-10, write in your answers.

**1. Climate Change is a change in the \_\_\_\_\_ of weather, and related changes in oceans, land surfaces and ice sheets, occurring over time scales of \_\_\_\_\_ or longer.**

- a. average, months
- b. atmosphere, days
- c. pattern, decades
- d. none of the above

**2. During an El Niño, Palau will most likely experience:**

- a. Drought, colder sea temperature, extreme low tides
- b. A lot of rainfall, warmer sea temperature, extreme high tides
- c. Drought, warmer sea temperature, extreme high tides
- d. A lot of rainfall, colder sea temperature, extreme low tides

**3. During a La Niña, Palau will most likely experience:**

- a. Drought, colder sea temperature, extreme low tides
- b. A lot of rainfall, warmer sea temperature, extreme high tides
- c. Drought, warmer sea temperature, extreme high tides
- d. A lot of rainfall, colder sea temperature, extreme low tides

**4. Because of climate change, global temperature has \_\_\_\_\_ since 1880.**

- a. increased by 1 degree Celsius
- b. decreased by 1 degree Celsius
- c. Stayed the same

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**5. Sector that produces the largest amount of global greenhouse gases:**

- a. Agriculture, Forestry & Land Use (18.4%)
- b. Other (waste products, 8.4%)
- c. Energy (manufacturing, electricity, transportation, 73.2%)
- d. None of the above

**6. In 2016, 49 \_\_\_\_\_ tonnes of global greenhouse gases were produced.**

- a. hundred
- b. thousand
- c. million
- d. billion

**7. How is Palau specifically affected by climate change? Draw an up arrow (↑) to indicate increase or a down arrow (↓) to indicate a decrease.**

\_\_\_\_\_ Air temperature

\_\_\_\_\_ Ocean temperature

\_\_\_\_\_ Rainfall levels

\_\_\_\_\_ Extreme El Niño events & severe droughts

\_\_\_\_\_ Typhoon Severity/Intensity

\_\_\_\_\_ Sea Level

**8. Name 3 ways we can reduce the use of fossil fuels.**

1.

2.

3.