



Name: _____ Date: _____ Class: _____

Title: Land Cover Changes Student Sheets

This lesson will require students to work in groups of four.

Open the [Land Cover Changes Slides](https://docs.google.com/presentation/d/1a33Q5JAm6mMX0TFN-A4wim-wDA3f3hJax7i25zq6soA/copy)) on one device for your group. Assign roles for each student and answer each question pertaining to the slides. (Link: <https://docs.google.com/presentation/d/1a33Q5JAm6mMX0TFN-A4wim-wDA3f3hJax7i25zq6soA/copy>)

Roles:

Who is the Reader? _____

- reads all sentences and questions on the slides aloud to the group.

Who is the Scribe? _____

- records answers that the group developed on the handout.

Who is the Facilitator? _____

- creates a speaking order so that every group member has the opportunity to share their thoughts on each of the questions.

Who is the Speaker? _____

- summarizes the group's ideas.

Steps:

1. Check with your instructor on how to submit your answers.
2. What is different about the two images (Slide 2)?

3. What do you think could have happened here between 2017 and 2020 (Slide 3)?

4. What information can satellite images provide us with (Slide 4)?

5. What information do we need to observe from the ground because it is not shown in satellite images (Slide 4)?

6. How could this operations and maintenance facility impact the environment (Slide 7 & 8)?

7. How much do you think the construction of the operations and maintenance facility will impact the environment (Slide 9)?

8. Provide evidence from the previous slides to support your claims (Slide 9).

9. Make a claim about what should be considered when making decisions about urbanizing a land cover (Slide 11)?
