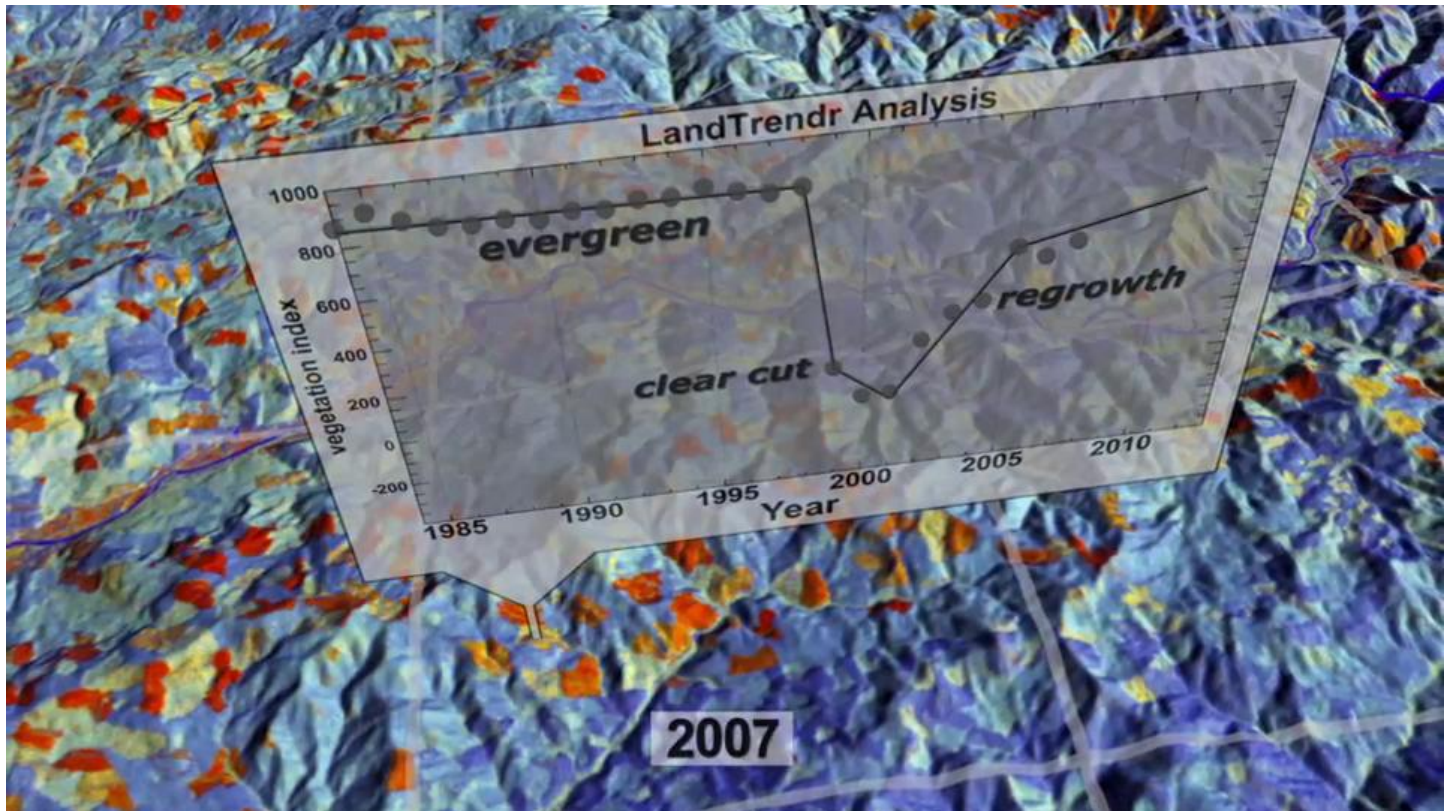


## My NASA Data - Mini Lesson/Activity

### Cause and Effect: How do our forests change over time?



### Student Directions

Review the video, Secret Life of Forests (1984-2011), and answer the following questions.

[Video: Secret Life of Forests \(1984-2011\)](#)

Video

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Secret Life of Forests (1984-2011) | [https://www.youtube.com/watch?v=ROGy9czx8\\_Y](https://www.youtube.com/watch?v=ROGy9czx8_Y) | Source: NASA Scientific Visualization Studio

### Steps:

1. Check with your instructor on how to submit your answers.
2. Describe the phenomenon you observe.
3. What patterns do you notice in this model?
4. What are the limits of this model?
5. What benefits are there in using this model?
6. Predict the future of the phenomenon based on the model you've observed.
7. Describe the evidence for Earth System interaction (among Atmosphere, Hydrosphere, Biosphere, Cryosphere, Geosphere).

Teachers, these mini lessons/student activities are perfect "warm up" tasks that can be used as a hook, bell ringer, exit slip, etc. They take less than a class period to complete. Learn more on the "[My NASA Data What are Mini Lessons?](#)" page.

Teachers who are interested in receiving the answer key, please complete the [Teacher Key Request and Verification Form](#). We verify that requestors are teachers prior to sending access to the answer keys as we've had many students try to pass as teachers to gain access.

### My NASA Data Visualization Tool

- [Earth System Data Explorer](#)