

Ecological Succession

Standard(s):

SEV2. Obtain, evaluate, and communicate information to construct explanations of stability and change in Earth's ecosystems.

- c. Construct an argument to predict changes in biomass, biodiversity, and complexity within ecosystems, in terms of ecological succession.

Phenomenon: The 700 islands of the Bahamas were created by ecological succession.



Group Performance:

1. Develop and ask questions about the Bahamas and ecological succession.

a.

b.

c.

d.

2. Obtain information on the differences between various types of ecological succession.
3. Develop a model that explains how the islands of the Bahamas were created by ecological succession.

Individual Performance:

4. Construct an explanation of how the ecosystems within the islands of the Bahamas could or could not be rebuilt if destroyed. Explain the steps.

Science Reflection:

5. Using evidence, construct an explanation for ecological succession (be sure to include biomass, biodiversity, and complexity within ecosystems).