

# Land Use Webquest

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

**Part 1: Watch the Land Cover time lapse video. Summarize what you see and list three interesting, concerning, confusing concepts mentioned in the video.**

<http://www.theblaze.com/stories/2013/05/10/stunning-time-lapse-shows-changes-in-earths-surface-over-30-years/>

Summary:

Three Concepts that were interesting, concerning, confusing, etc.

1)

2)

3)

## Land Use Changes (1912-2000)

<http://ecologyexplorers.asu.edu/get-started/land-changes/>

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Look at the map (and legend!) and click NEXT, observing the changes through 2000.

1. What do you notice about how land use has changed here, describe change in each type of land cover.

Agricultural:

Urban:

Desert:

Recreational:

2. Go back through, and use the History button (purple).

Before 1912, where did Phoenix get its water? \_\_\_\_\_

What was completed in 1911? \_\_\_\_\_

How did population here change after the 1920's?

★ **Build a Prairie:** <http://www.bellmuseum.umn.edu/games/prairie/build/index.html>  
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1. What types of grasses did you plant?
2. What birds did you choose?
3. Which mammals did you choose?
4. What should you do after your prairie starts getting invasive species?

## **World land use seen as top environmental issue**

<http://www.news.wisc.edu/11357>

1. Read the article and write a short summary of the environmental issue discussed.
2. List the diseases that have become more common in areas with increased land use.
3. Discuss two sustainable land use practices mentioned in the article.
4. Why should humans be concerned with how land is used globally?