



LANDSCAPE LEGACY

Using Google Earth to Explore Land
Use Changes over Time

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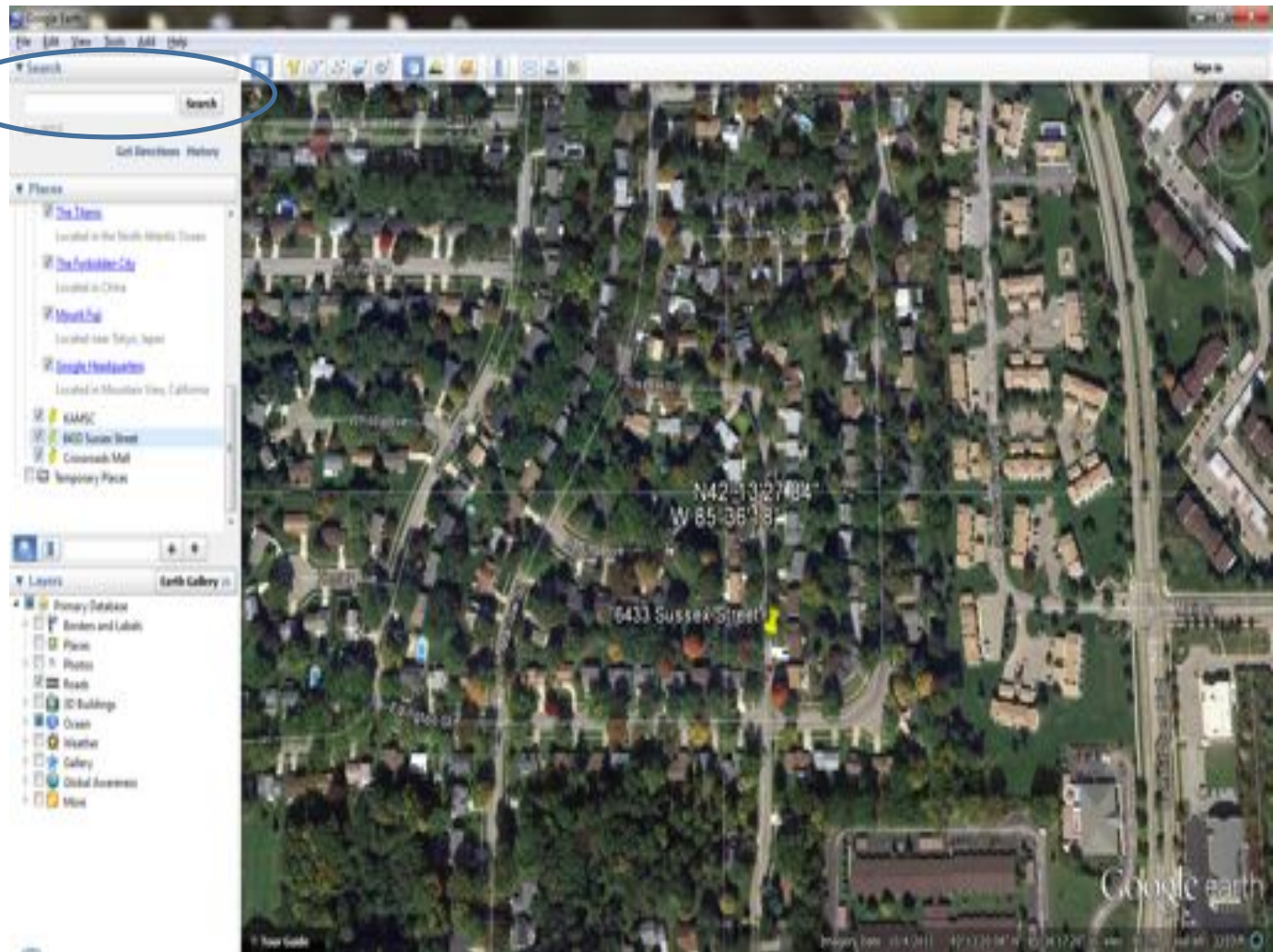
KAMSC

Goog

1. Find Your Desired Image

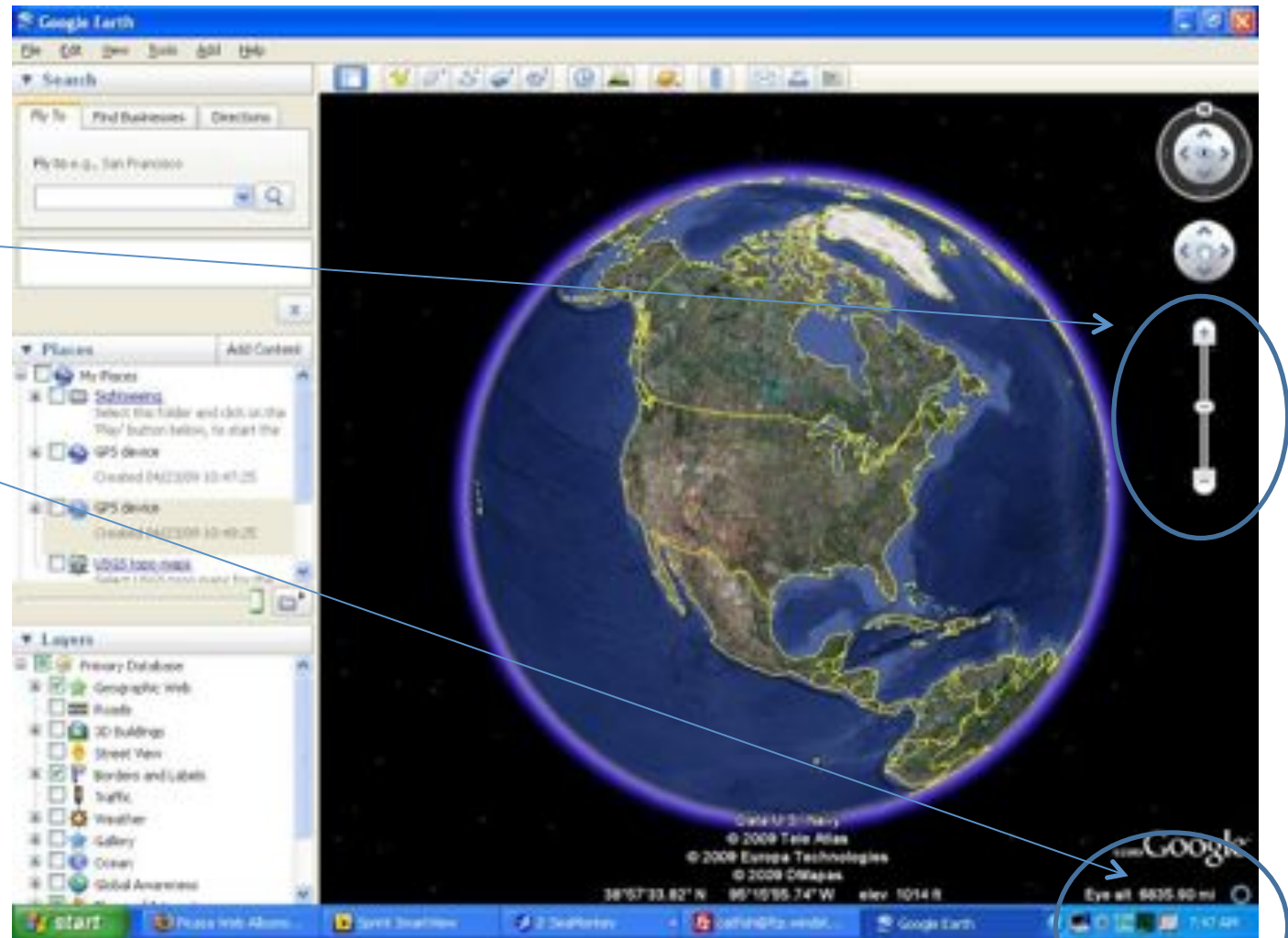
Open
Google
Earth –

Use the
“Search”
feature to
find and
center the
image you
would like to
use.



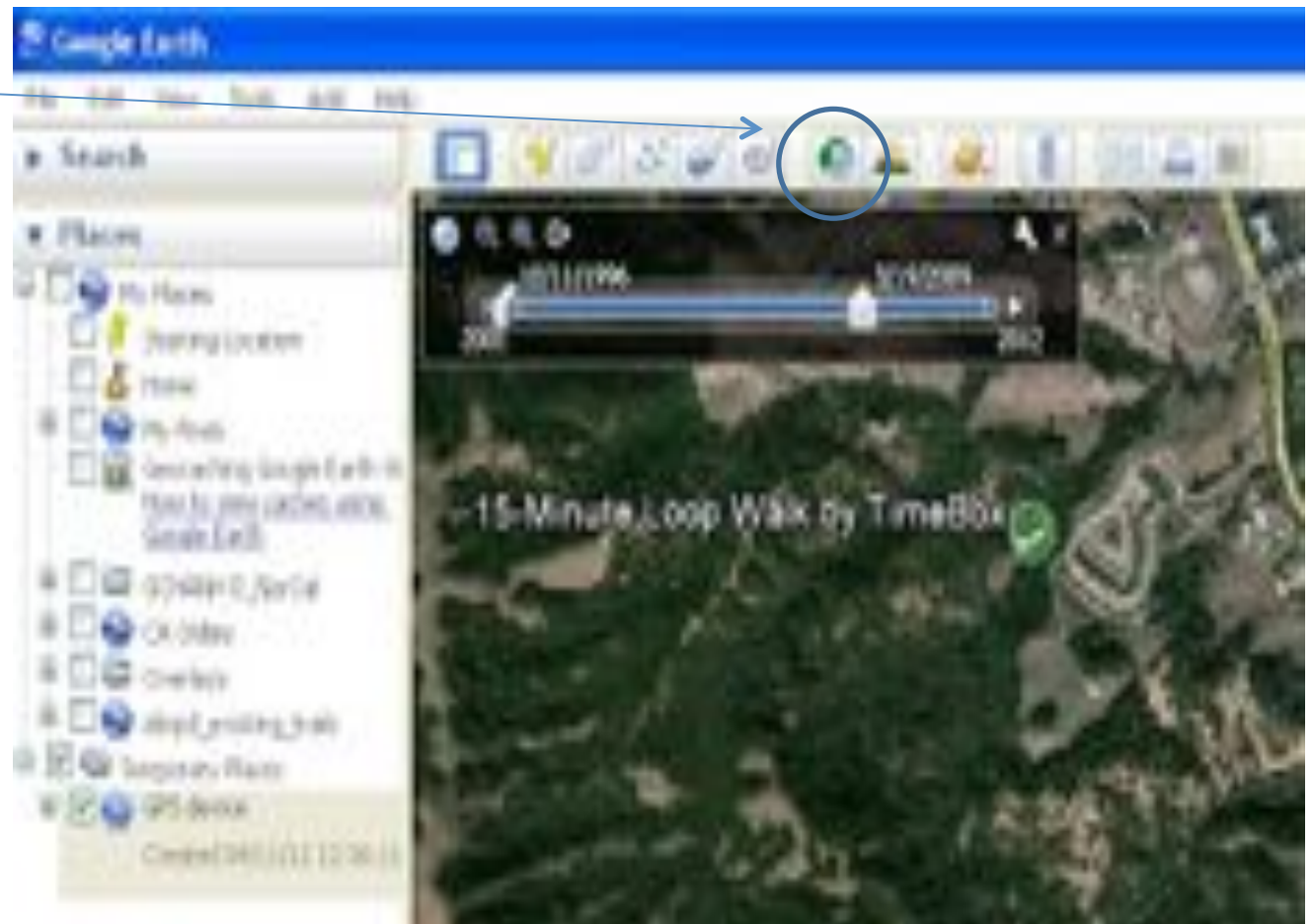
2. Set the Altitude

Use the “Zoom Tool” to find the “Eye Alt” setting to show enough detail to give an interesting view.



3. Find a Dated Image

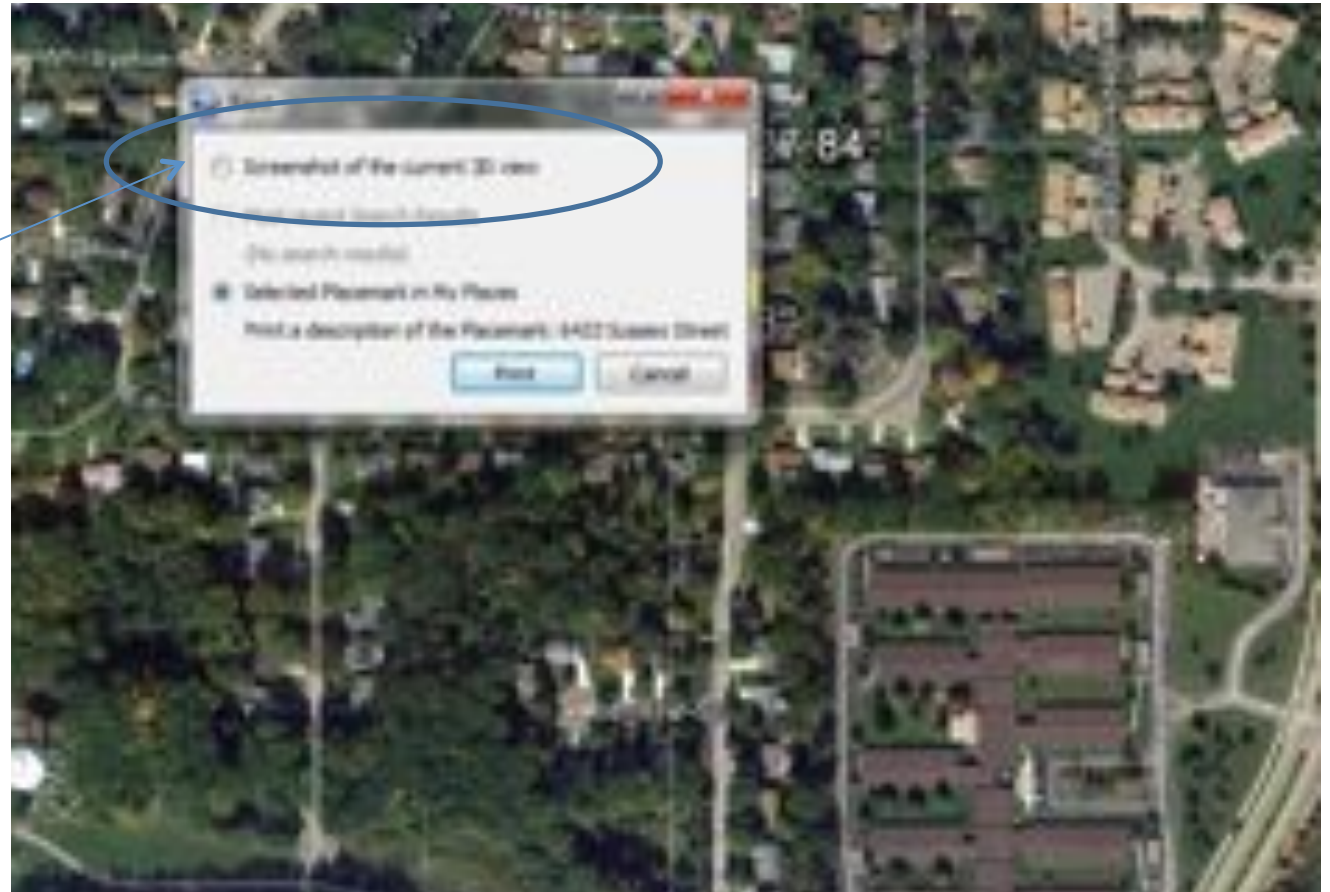
Click on the Time Slider in the Toolbar to open up a sliding time scale. Notice that the number of images and their dates vary by site. Select dates that show significant changes in the landscape around the site you chose.



4. Print the Image

Click on the “Print” icon on the Toolbar. Select “Screenshot of the current 3D view.”

Print on a color printer if available. Repeat for as many dates as desired.



Example: My Home



Date: 10/11

Example: My Home



Date: 04/74

Example: My Home



Date: 08/50

Large Scale Example

Large Scale

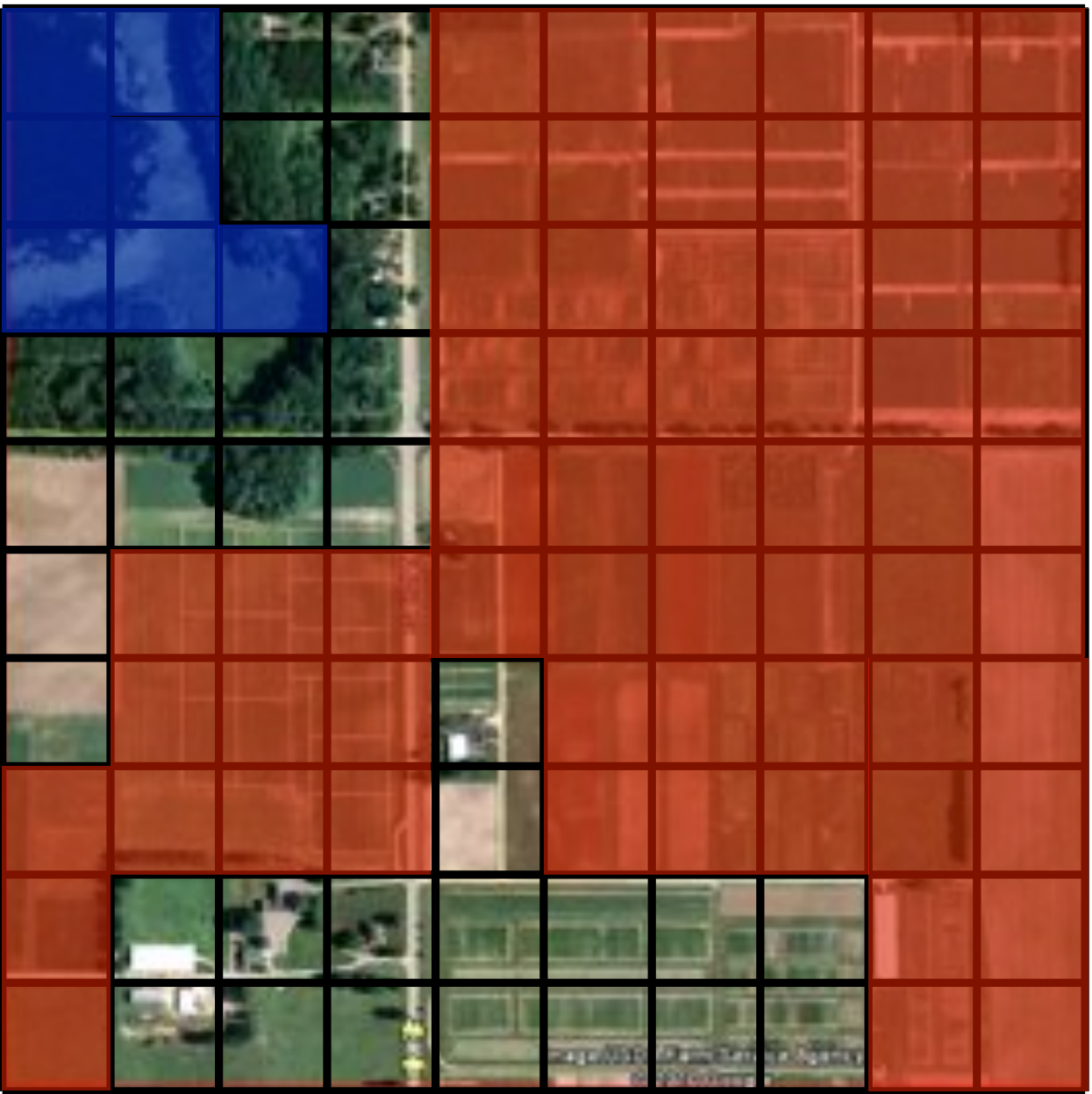
Aerial image of KBS

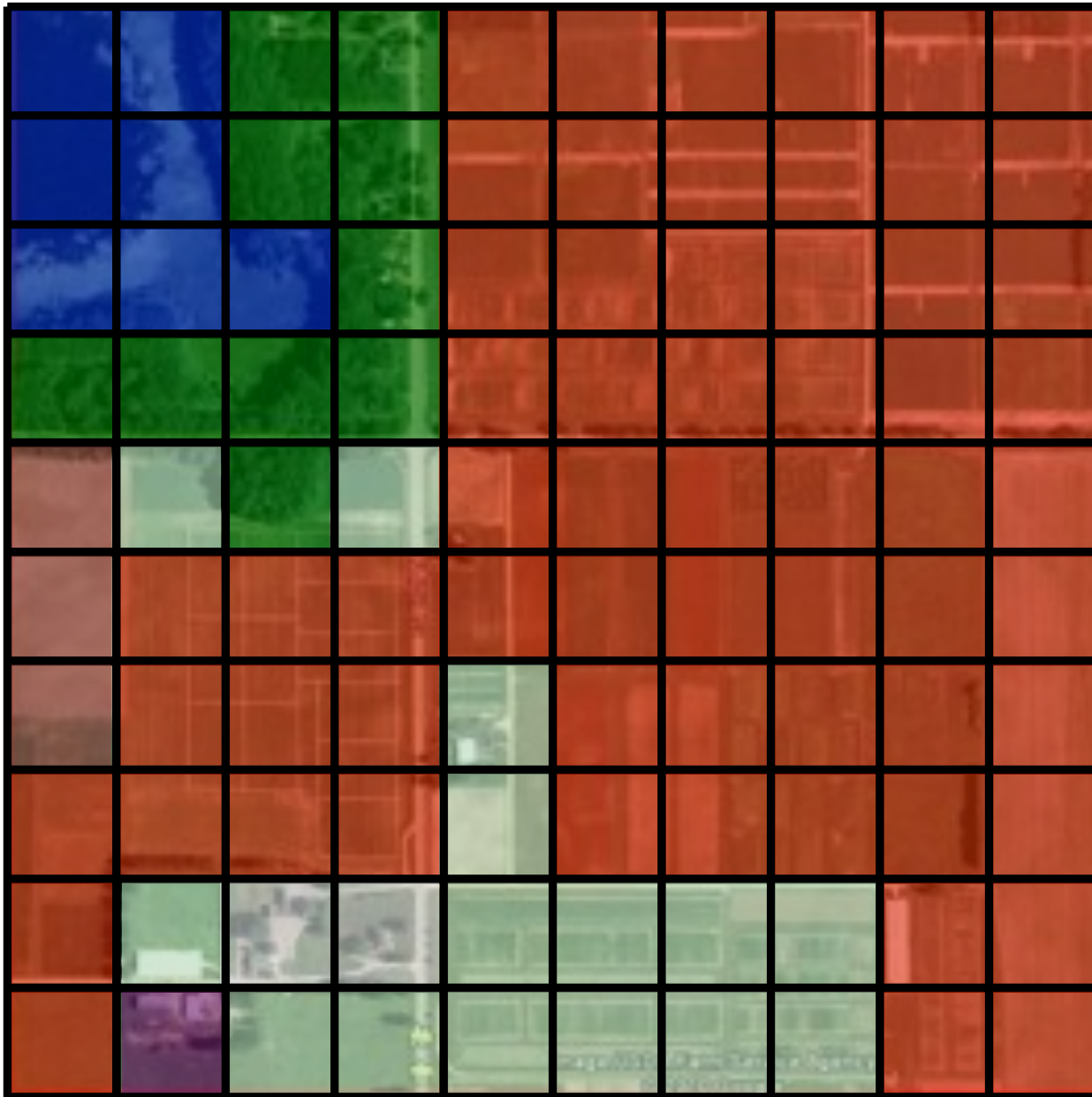


Overlay the grid



Color each square for the land uses present



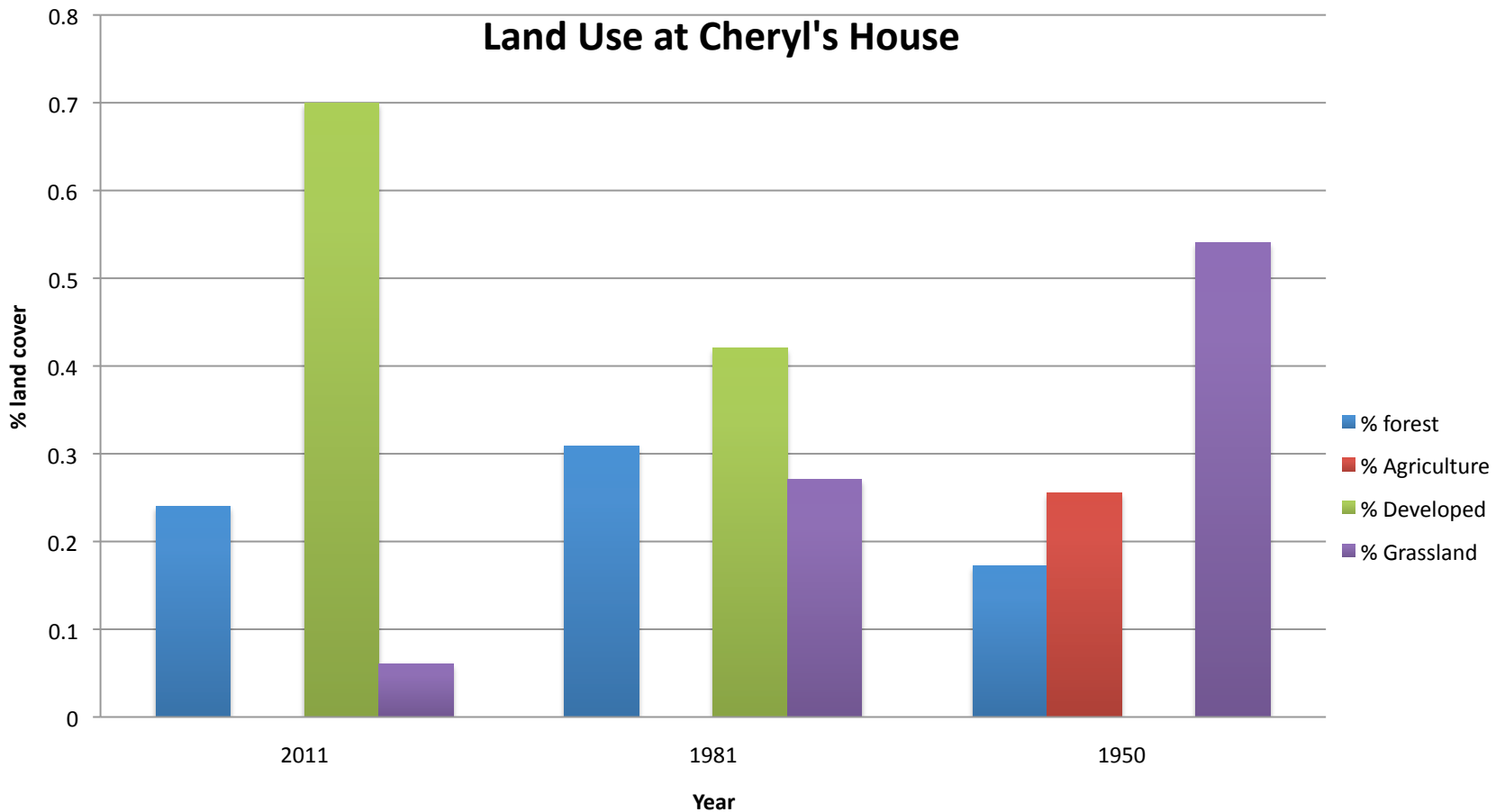


Count the number of grid cells that fall into each category

Ex. 10 forest = 10% forest

7 water = 7% water

Land Use Changes



Plot the % of each land use category for each year to compare the land-use change over time.