Visual Georeferencing

1. pick a photo from the slideshow
2. find where it is on Google Earth
3. then go to that location in NSD – zoom in
4. place viewhsed "V" on that station point by zooming way in
    a. do this by choosing the "set camera location" tool from the NSD toolbox
5. Then choose the "adjust camera direction or lens" tool from toolbox
6. In settings window → camera tab → 32mm lens length
7. In "camera view" window, click down arrow under the "move" option until you're on the ground.
8. Find the aspect ratio of the photo you're working with.
    a. Open the .jpg in photoshop
    b. In photoshop
        i. Image → image size
        ii. Write down the width/height in pixels
    c. In NSD
        i. Go back to NSD render window (in "settings" box)
        ii. Click "image size" in render tab
        iii. Use calculator to determine aspect ratio (cross multiply and divide!)
        iv. Use 400 pixels for the largest dimension
        v. Use 72 dpi
        vi. Use ray trace
        vii. Click render
9. Then compare the rendered image with the photograph

Saving

- need to save the following when render matches photo exactly:
    - screen shot of "settings" box, *camera tab*
    - save a JPG of the rendered image