

# ps5: the final project

[version: Thursday 30<sup>th</sup> September, 2021 22:52]

1. submit a set of maps, typically say 3-10, in rare cases one map may be enough but only if it is truly outstandingly sophisticated; in some other cases you may submit more maps, say 15 or 20, but please, do not submit more than 20; for presentation, no more than 1 map per minute, so if 10min presentation, no more than 10maps
2. maps need to be “interesting” and “pretty”; have legend and title, cut decimal points, make fonts small, space used efficiently, etc (all the stuff we’ve discussed)
3. there need to be some description of the maps, typically say a few sentences per map or a page total, but again, in rare circumstances, few paragraphs total would suffice (if there is some extraordinary sophistication) or there may be more text say couple pages, but please do not have more than 10 pages of text (double spaced); –if you submit more than 10 pages of text, I will only read first 10 pages
4. give much thought to the key variables, think about classification methods, don't forget about including a histogram!
5. maps and text may be in the same document, but they can be separately, too
6. text must be pdf or txt or html ; maps (if submitted separately) can be in any format
7. **do upload ps5 by final presentations class, for most it will be final and my and others’ comments will be “for future research,” but for few who need a better grade and extra time, there are few extra days to fix it up and resubmit—see syllabus for final due date**

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## general notes (always the same):

broad idea:

- it will be cumulative: ps will snowball/accumulate into the final project
- it will be also collaborative: you will see what others are doing

submission guidelines:

- (i'll comment on your ps under discussion/talk tab on the wiki page)
- submit in your wiki page at <https://maps-dppa.camden.rutgers.edu> usr: gis, psswd: ilovegis, if off-campus vpn first <https://vpn.rutgers.edu> you will just have one website, put your names at the top, and then keep on adding to it: don't delete what you have already submitted—for each subsequent ps, just add a new section with section titled ps1, ps2, etc
- if you work in a group of 2 or 3 people make it 2x or 3x better, eg If ps asks for joining 2 datasets, and there are 3 of you, then just join 6, etc, just do 3x more or better.
- each ps section will have at least one map (make it big with nice resolution, but not too big, say each map should be at least half-page if not much detail, or full page if detailed and each map <1mb) and brief description of a map, say few sentences or a paragraph or max few; also list any problems you've encountered and can ask questions!
- exact links to all of the source data (so that i could create the map myself); note: exact links, eg do not say census.gov, but give full url to the data—i must be able to find it; sometimes there is no generic URL—then give steps: what I need to click to get the data!; or upload data say to your dropbox or google drive and provide link to there; so there must be all raw gis data (e.g. .shp .dbf and .shx and others if any), and any other data (e.g., .csv, .xls) that you used to produce a map; in rare circumstances if you use confidential/private data that cannot be shared, please contact me (and still do provide links to all the other data you're using)
- in addition to submission, you will usually (be ready every class! depending on how we do on time) present the map in class—can just show map(s) (max 5-8min (depending on class size): i will cut you off!
- can change the topic and group (easier to stick with one, but often a good idea to change)

to reiterate, for each ps the following must be always added as new section to the file with all previous ps:

- the map(s) with short description (and problems and questions if any)
- very specific links to all data
- and prepare for presentation

as soon as possible (and definitely once we cover pretty.pdf, final\_project.pdf) :

- the map needs to be “pretty” (syllabus: pretty.pdf): must have legend, title, cut decimal points, make fonts small, etc)
- the map must be “interesting” (syllabus: pretty.pdf, final\_project.pdf): ask yourself the “so what?” question; essentially, you need to tell as story with your map

tips:

- start early; start tomorrow or the day after tomorrow or tonight! otherwise you'll forget it...and then, next week polish it
- use your (gis) data—again, if you do not have dataset, have a email the listserv
- you cannot use the data I used in the class (or that I am using in the slides posted on the website for the future classes)
- assignments are due by **the beginning** of the class
- if you choose to work in a group, write down the names of people you worked with and submit one ps for the whole group

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for wikipedia only [not fall2020]:

wiki formatting: side by side

```
<gallery>
File:Example.jpg|Item 1
File:Example.jpg|a link to [[Help:Contents]]
File:Example.jpg
File:Example.jpg|alt=An example image. It has flowers
File:Example.jpg|''italic caption''
Example.jpg|on page "{{PAGENAME}}"
File:Using Firefox.pdf|page=72
</gallery>
```

OR:

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{{multiple image
| footer      = The mule links to ''[[Mule]]'', the donkey does not link anywhere,
and the trout links to its image description page as usual.
| align       = left

| image1      = Frecklesmule.jpg
| width1      = 143
| alt1        = A mule
| caption1    = <center>A mule<br />sdad</center>
| link1       = Mule

| image2      = Donkey 1 arp 750px.jpg
| width2      = 150
| alt2        = A donkey
| caption2    = <center>A donkey<br />sdas</center>
| link2       =

| image3      = Rainbow_trout.png
| width3      = 91
| alt3        = A trout
| caption3    = <center>A fish<br />
{{sdsadas}}, ''asdasd''</center>
}}
```