

Phasing into Shiny app development

What do we want the shiny app to do? How do we implement these things?

Do we have any idea about whether we want to look at historical or future datasets?

What years and what info do we want to display?

Dataset for each tab?

Updates on spatial cutting function – Ericka

St_transform running slower than wanted and assuming areas are planar (flat, not spherical)

Charlotte comment: Because this is gridded, you're probably pulling out more lats and longs than you need (only need uniques). You probably don't need the lat and long for each ensemble (maybe 100's of thousands, only need 100s). Just need enough to figure out which ones are inside boundary and which aren't, back to hyper-filter to use this.

James comment: Slow speed might be from saving the output from hyperfilter. Is there a way to consolidate the steps and do some steps together?

Technical questions:

Accessing the files through the server with Shiny threw errors

File not found (Make sure shiny server and ui file is in same directory as the data)

Host the shiny app on shinyapps.io but host the data somewhere else (James looking into this)

Can tidync read a file from URL? Maybe but might take some finesse (Kate tried using competition URL dropbox)

TO DO:

JimmyLovesTea –

- Look into hosting our data somewhere that is shiny accessible (maybe open source shiny server, maybe AWS)
- Send email for future meeting times

Kate, Ericka, Jess, Kate -

- Work on individual components which will eventually contribute the CliMates Shiny App Data Dash Effort
- Meeting next week same time with maybe only Ericka and Kate