Website improvement (11/18/2016)

Header:

1. Move all logos and HAQAST logo about the banner.
2. Add “Introduction, Team, News, Publications, Acknowledge” below the banner, horizontally.

Left Panel

1. On the left, it takes too much space. Let us shorten “Healthy Air Forecasting (HAF)” to “Forecasts” , and “North American Chemical Reanalysis” to “Renalaysis”.
2. Remove Search for now.

Right Panel:

1. On the right panel, spell out fully of “Healthy Air Forecasting (HAF)” and “North America Chemical Reanalysis (NACR)”. Right now, both top line of the right panel show HAF, not NACR.
2. Change pictures to make bigger.
3. Use Barry’s script to make new pictures. Send the figures to me, Barry, and Pius as soon as you have some samples. We will need to give you feedbacks before you put it online.
4. In the button “Download data (ASCII, Shapefile)” Remove “Shapefile” for now.
5. Add the same “Disclaimer” to all pages.

Healthy Air Forecasting:

1. For Healthy Air Forecasting, use real data to make plots and replace the placehodler pictures. I will send you the data this weekend. Please check your email. Future data will be uploaded to the same directory (/home/dtong/data/haf). Some explanation of the dataset uploaded to the server:

Lat/lon file:

aqm.t12z.grdcro2d.ncf (same everyday, time-independent)

Hourly files (for making animation):

haqast.v1.0.conus.20161119.t12z.NO2.hourly.ncf

haqast.v1.0.conus.20161119.t12z.O3.hourly.ncf

haqast.v1.0.conus.20161119.t12z.PM25.hourly.ncf

Daily mean files:

haqast.v1.0.conus.20161119.t12z.NO2.dailymean.ncf

haqast.v1.0.conus.20161119.t12z.O3.dailymean.ncf

haqast.v1.0.conus.20161119.t12z.PM25.dailymean.ncf

County-level ASCII file (for making county maps)

haqast.v1.0.conus.20161119.t12z.by-county.NO2\_dailymean.txt

haqast.v1.0.conus.20161119.t12z.by-county.O3\_dailymean.txt

haqast.v1.0.conus.20161119.t12z.by-county.PM25\_dailymean.txt

1. Link download (netcdf) with the simple light file (e.g., only O3 data in the netcdf file when clicked under the O3 map). Only do this for the Forecast. Hold on for the Reanalysis because we are producing new data.