**Overview R-Scripts:**

**Provided by them for Africa:**

Prepare\_cell\_polygons.R

* Uses:
  + priogrid\_cell.shp
  + CShapes-2.0.csv
  + PRIO-GRID Yearly Variables for 2014-2014 - 2022-07-28.csv
* Produces:
  + full\_africa\_prio\_grid\_data.png
  + intersected\_cells.png
  + africa\_cell\_polygons.rds
  + cell\_rasters/cell\_", input\_vector$gid, ".tif"

prepare\_eventdata.R

* Uses:
  + full\_df\_deaths.rds
  + neighbour\_deaths\_df.rds
* Produces:
  + tabular\_df.rds

**Syria counterpart scripts:**

Prepare\_polygons.R

* Uses:
  + Shapefiles
  + syria\_borders.shp
* Produces:
  + df\_syria\_polygons\_", cell\_size ,".rds"
  + cell\_rasters/cell\_", input\_vector$id, ".tif"

prepare\_event\_data.R

* Uses:
  + GEDEvent\_v21\_1.RData
* Produces:
  + ucdp\_data.rds

match\_population\_to\_cells.R

* Uses:
  + df\_syria\_polygons\_", cell\_size ,".rds"
  + population/syr\_ppp\_", year\_loop, "\_UNadj.tif"
* Produces:
  + data/cell\_rasters/cell\_", i, ".tif"
  + df\_pop\_info.rds
  + population\_matrix.rds

Match\_landcover\_to\_polygons.R

* Uses:
  + df\_syria\_polygons\_", cell\_size ,".rds"
  + Landcover\_", year, ".tif"
* Produces:
  + cell\_rasters/cell\_", i, ".tif"
  + df\_landcover\_info.rds
  + landcover\_matrix.rds

Match\_data.R

* Uses:
  + df\_syria\_polygons\_", cell\_size ,".rds"
  + df\_pop\_info.rds
  + df\_landcover\_info.rds
  + ucdp\_data.rds
* Produces:
  + est\_df\_", cell\_size ,".rds"

Helper\_functions.R

* Only functions

Do\_forecasting\_RF.R

* Uses:
  + est\_df\_", cell\_size ,".rds"
* Produces:
  + cnn\_est\_df.csv