Modified modeling metadata elements
Intended to be the minimal description necessary for Data Discovery

1. Title
2. Modeling ID = Institution running model + model name(s) + version(s) + run ID
3. Modeling scope = Regulatory/Research + Directive (if applic) + Regulatory Authority Codelist (if applic)
4. Modeling method
   a. Originator
   b. Model Name(s)
   c. Model Type(s) [specific tags to be determined from a managed vocabulary: e.g., Regional, Global, Local, AQ, Climate, Met, Emissions, Transport, …]
   d. Simulation Type(s) [also need managed vocabulary, e.g. Forecast, Hindcast, Analysis, Off-line, On-line, …] – type specific information also needed, e.g. forecast length, …
   e. Model Version(s)
   f. Assimilated Observational Data [Define details…]
   g. Link(s) to Documentation
5. Model **output** time period
   a. Start time
   b. End time
   c. Model output frequency (highest output resolution, e.g. hourly)
   d. Model output frequency type (e.g. average or instantaneous)
   e. Dataset aggregation period (e.g. monthly, …)
   f. Number of time periods…[FINISH this later]
6. Model **output** spatial characterization
   a. Geographic Bounding Box = lat/lon coordinates of output domain boundaries
   b. Geospatial Bounding Box = 3D coordinates of output domain boundaries
   c. Coordinate Reference System (e.g., horizontal reference = EPSG, OGC, …; vertical reference = pressure, etc)
   d. Horizontal resolution
   e. Vertical resolution
   f. Processing spatial characterization [FINISH later]