Time – grain & extent?

- Reference year – 2005
- Temporal
  - Basic climate, Landcover, Marine, Derived climate?, SST
  - Grain – Monthly, Annual summaries
  - Extent – 10 year (2000-2009), 35 year (1975-2009), 50 year (1960-2009)
- Hindcast/forecast GCM (Climate & derived climate)
  - 2030 2050 2080 2100, A1-B2 layers, GCM models?
  - 3k/6k/9k/12k/15k/18k/110k ya

Space – grain & extent

- Extent
  - Global
    - Terrestrial= 83+/-
      - Build global – serve tiled or user windows?
    - Marine=???
- Grain
  - Terrestrial
    - Geographic (& area layer) & Equal Area (Behrman?)
    - 1 constant grain coregistered (1km or 30″)
    - 1 best available
    - Constant resolution (across all continents)

Who is managing the data?

- Calculate requirements
- NCEAS (short term)
- Oak Ridge (long term)

How is data being updated?

- ????

Timeframes – which data is current

Storage – where, what, format

Metadata & documentation

- Deliverable C (handbook)
- FGDC, ISO, XML formats (EML)

Publication & validation mechanisms

- Each subgroup decides based on novel development
- Metapaper for all layers/whole group

- Validation - do it – field specific fashion

- Uncertainty reporting
  - Table in documentation
  - H/M/L layers

interfaces/mechanisms to acquire data

- Raw data?
- Client application
  - Layers (check boxes & client rescaling/ projection)
  - List of points
  - Extraction service - Niche modeling oriented (which model/layers/times projection→ download)
  - API