Use Cases for Discussion:

1. GPS/GNSS Instrumentation Provides (x,y,z) triple with stated CRS/Ellipsoid (3D geodetic)
   a. These are basically supported (split into horizontal CRS and vertical datum)
   b. **Action**: need to make sure that the support is clear and concise, possibly refactor.

2. GOES satellite instrumentation - Possible extension for non-earth-fixed datums.
   a. Examples:
      i. “Earth-Centered Inertial” frame: earth-centered, but *not* earth-fixed
         (geographic lat/lon make no sense here)
      ii. helio-centric CRS
   b. **Action**: Work with Space Science and Remote Sensing to expand grid_mapping
      types?

Proposal for CF 2.0

Make lat/lon auxiliary coordinates optional provided that:
- Require declaration of grid mapping using grid_mapping variable (or a reference?)
- Work to cross-walk CF and WKT/Proj4

http://spatialreference.org/ref/epsg/4326/
http://spatialreference.org/ref/epsg/4326/ogcwkt/
http://spatialreference.org/ref/epsg/4326/proj4/
http://spatialreference.org/ref/epsg/4326/cfgm/ ??!???
- Work up implementations (Python, C, Java, R, …) converting grid_mappings to EPSG/proj4 etc.