WG Session 2 – Data Description WG

data description
how to describe the dataset content

what physical variable(s)
    For each variable :
        variable nature (possibly implying the use of standard names)
        variable unit (SI or common practice)

where and when
    time
        boundaries (includes indeterminate or moving boundaries)
        frequency (includes irregular intervals)
    space
        domain (horizontal, vertical, points, etc)
        resolution (includes irregular intervals)

how **(= « platform »)**
    platform type
    platform name

measurement	*model*
in situ / remote sensed	gridded
instrument name / measurement technique	interpolated to a specific location
sampling methods	data capture frequency
flasks / tanks / calibration / other kind tanks	principle
data capture frequency	retrieval process
data derivation / retrieval process	simulation type (e.g. forecast)

quality

measurement	*model*
flags	performance metrics
uncertainties	
detection limits	

        reference datasets (used for validation)
            originator
            etc...

presentation
    format name
    format version
    file size
    dataset segmentation
    dataset structure
    uniform resource identifier (URI)

history
    dataset version number
    version date
    last change log
    access to previous versions (yes / no)

references
    links to documentation
    links to standards
    links to / citations of publications
    links to cal-(e)val databases & analyses
    links to format descriptions
    links to version updates

General remarks
We agreed on the facts that
- *top level concepts should hold for any type of data, whether modeled or measured*
- *references and links should be grouped in a single section but pointers (pointing to those references) should be spread throughout the metadata*