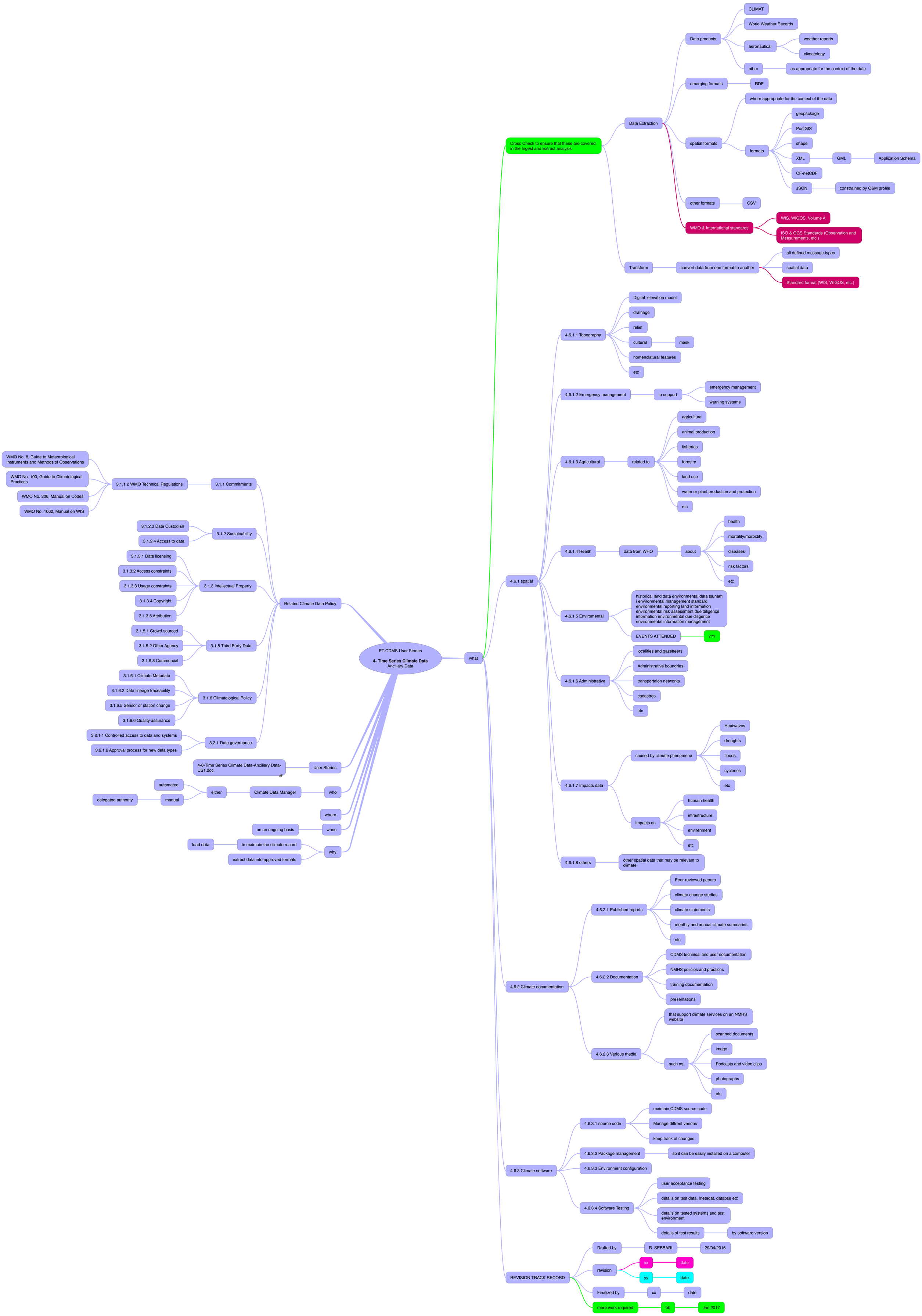
ET-CDMS User Stories
4- Time Series Climate Data
Ancillary Data
Related Climate Data Policy
3.1.1 Commitments
3.1.1.2 WMO Technical Regulations
WMO No. 8, Guide to Meteorological Instruments and Methods of Observations
WMO No. 100, Guide to Climatological Practices
WMO No. 306, Manual on Codes
WMO No. 1060, Manual on WIS
3.1.2 Sustainability
3.1.2.3 Data Custodian
3.1.2.4 Access to data
3.1.3 Intellectual Property
3.1.3.1 Data licensing
3.1.3.2 Access constraints
3.1.3.3 Usage constraints
3.1.3.4 Copyright
3.1.3.5 Attribution
3.1.5 Third Party Data
3.1.5.1 Crowd sourced
3.1.5.2 Other Agency
3.1.5.3 Commercial
3.1.6 Climatological Policy
3.1.6.1 Climate Metadata
3.1.6.2 Data lineage traceability
3.1.6.5 Sensor or station change
3.1.6.6 Quality assurance
3.2.1 Data governance
3.2.1.1 Controlled access to data and systems
3.2.1.2 Approval process for new data types
User Stories
4-6-Time Series Climate Data-Ancillary Data-US1.doc
who
Climate Data Manager
either
automated
manual
delegated authority
where
when
on an ongoing basis
why
to maintain the climate record
load data
extract data into approved formats
what
Cross Check to ensure that these are covered in the Ingest and Extract analysis
Data Extraction
Data products
CLIMAT
World Weather Records
aeronautical
weather reports
climatology
other
as appropriate for the context of the data
emerging formats
RDF
spatial formats
where appropriate for the context of the data
formats
geopackage
PostGIS
shape
XML
GML
Application Schema
CF-netCDF
JSON
constrained by O&M profile
other formats
CSV
WMO & International standards
WIS, WIGOS, Volume A
ISO & OGS Standards (Observation and Measurements, etc.)
Transform
convert data from one format to another
all defined message types
spatial data
Standard format (WIS, WIGOS, etc.)
4.6.1 spatial
4.6.1.1 Topography
Digital elevation model
drainage
relief
cultural
mask
nomenclatural features
etc
4.6.1.2 Emergency management
to support
emergency management
warning systems
4.6.1.3 Agricultural
related to
agriculture
animal production
fisheries
forestry
land use
water or plant production and protection
etc
4.6.1.4 Health
data from WHO
about
health
mortality/morbidity
diseases
risk factors
etc
4.6.1.5 Enviromental
historical land data environmental data tsunam i environmental management standard environmental reporting land information environmental risk assessment due diligence information environmental due diligence environmental information management
EVENTS ATTENDED
???
4.6.1.6 Administrative
localities and gazetteers
Administrative boundries
transportaion networks
cadastres
etc
4.6.1.7 Impacts data
caused by climate phenomena
Heatwaves
droughts
floods
cyclones
etc
impacts on
humain health
infrastructure
envirenment
etc
4.6.1.8 others
other spatial data that may be relevant to climate
4.6.2 Climate documentation
4.6.2.1 Published reports
Peer-reviewed papers
climate change studies
climate statements
monthly and annual climate summaries
etc
4.6.2.2 Documentation
CDMS technical and user documentation
NMHS policies and practices
training documentation
presentations
4.6.2.3 Various media
that support climate services on an NMHS website
such as
scanned documents
image
Podcasts and video clips
photographs
etc
4.6.3 Climate software
4.6.3.1 source code
maintain CDMS source code
Manage diffrent verions
keep track of changes
4.6.3.2 Package management
so it can be easily installed on a computer
4.6.3.3 Environment configuration
4.6.3.4 Software Testing
user acceptance testing
details on test data, metadat, databse etc
details on tested systems and test environment
details of test results
by software version
REVISION TRACK RECORD
Drafted by
R. SEBBARI
29/04/2016
revision
xx
date
yy
date
Finalized by
xx
date
more work required
bb
Jan 2017