

Outcomes of OSI SAF User Survey 1/4

Even if the user survey was not very successful, answers are well distributed between

- operational and research use
- NRT and archived data use

GOOD POINTS :

- Products (all answers)
- News, Service messages, Information
- Helpdesk
- Documentation useful and sufficient



Outcomes of OSI SAF User Survey 2/4

TO BE IMPROVED :

- Central website and browsing between OSI SAF websites.
- The access means which are the most frequently used are, in decreasing order :
FTP servers, EUMETCAST and EDC (EUMETSAT Data Center)
- Users are largely happy with dissemination means but proposed other ways (in particular OPeNDAP)



Outcomes of OSI SAF User Survey 3/4

SOME IDEAS...

- More interactive and « intelligent » web based interfaces (like see ocean color facilities)
- Integrated product viewer for at least each category (e.g., all satellite winds)
- Users preference is NetCDF/CF (climate forecast) format instead of binary formats (GRIB, BUFR)
- Fluxes : Separated diffuse and direct irradiation



Outcomes of OSI SAF User Survey 4/4

MISSING PRODUCTS/VARIABLES

- Other oceanic variables derived from passive microwave instruments (Wind speed, Rain rate...),
- VIIRS/NPP global products (SST, ocean color...),
- Future satellites (Sentinel 3a, 3b...),
- Ice thickness
- Surface pressure derived from ocean surface wind,
- Inclusion of altimeter and SAR derived products (wind, wave...).

Other suppliers are

NOAA, NASA, PML, UCT, U. Washington (mslp)

Outcomes of OSI SAF User Workshop (sea ice)

- Would like Ice Surface Temperature (for validation) and Emissivity at more frequencies (like 89GHz)
- Would need data with strict timeliness (which implies L2 concentration and drift)
- Consistency between SST and Ice
- Need uncertainties for all products
- High quality ice thickness or snow cover, ice roughness ?
- Lake ice
- Full coverage, so gap filling; Fill temporal gaps in delayed mode



Outcomes of OSI SAF User Workshop (SST)

- Lake specific satellite retrievals available in NRT
- Better uncertainty estimates required to make better use of observations.
- We are now in (or getting towards) a position where we would like to receive skin-SST and do the correction to sub-skin ourselves.
- We also aim for robustness to move as many of our data feeds as possible from ftp to EUMetcast, currently get MetOP AVHRR SST (ongoing in CDOP-2)
- Need for a forum : Exchange of pieces of code, Exchange between users/providers
- Need for long time series of composite products
- More integration of other parameters (OC, SSH, ...)



Outcomes of OSI SAF User Workshop (Wind)

- Constellation data: timeliness, coverage is considered essential
- NRT product monitoring services
- Visualisation in NRT data portals
- Accessibility for non-expert users
- Training, also on user location
- Climate Data Records : quality assurance

