NWCSAF user training: Introduction to PPS v2018

EumeTrain online workshop on scientific and technical aspects of the PPS v2018 software package

The EUMETSAT SAF to support Nowcasting (NWCSAF) develops two software packages, one for Geostationary imagery and one for polar satellite imagery. Both packages retrieve Cloud and other parameters relevant for Nowcasting and other applications relying on cloud detection. For more information see www.nwcsaf.org

The Polar Platform System (PPS) v2018 software package retrieves information on clouds and precipitation from all NOAA and Metop Satellites carrying AVHRR instruments,S-NPP, NOAA20 (VIIRS instrument) and MODIS. The recent release of PPS v2018 features some major scientific updates:

-besides the NWCSAF Cloud Mask Product based on dynamical thresholding, the Cloud Probability product of CMSAF has been made available to users within the NWCSAF software

-The cloud height retrieval algorithm has been replaced with a neural network approach, generally improving the accuracy of cloud height estimates

-The cloud type product has been improved by relying on the cloud height product as input

The technical update of most significance to users is that all output files are now only available as NetCDF. Also internal files are now using the NetCDF format.

The workshop will be given in two parts a scientific part introducing all products, but giving emphasis on products with major updates in v2018, and a technical part which is mainly aimed at new users of PPS

Workshop date and Time: 15 May 2019, 9:00 – 11:30 CEST

9:00-10:00 PPS v2018: general introduction of PPS products with emphasis in scientific updates for version 2018

10:30-11:30 Technical aspects of PPS v2018. As before PPS can both be installed from source code or from binaries. This session is mostly aimed at new PPS users, and users who have not updated to PPS v2018 yet. We will introduce the different ways of installing and running PPS.

To join the training session
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1. Go to https://knmi.webex.com/knmi/k2/j.php?MTID=t68295ecb42e596d973b896f005caaa5a
2. Enter your name and email address.
3. Enter the session password: This session does not require a password.
4. Click "Join Now".
5. Follow the instructions that appear on your screen.

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