



Sentinel 2 products and data quality status

Sebastien Clerc (1), Ferran Gascon (2), Catherine Bouzinac (3), Dimitra Touli-Lebreton (4), Benjamin Francesconi (5), Bruno Lafrance (3), Jerome Louis (6), Bahjat Alhammoud (1), Stephane Massera (7), Bringfried Pflug (8), Françoise Viallefont (9), and Laetitia Pessirot (3)

(1) Argans, Sophia Antipolis, France, and Plymouth, UK, (2) ESA/ESRIN, Italy, (3) C-S, Toulouse, France, (4) Airbus Defense and Space, Toulouse, France, (5) Thales Alenia Space, Cannes la Bocca, France, (6) Telespazio, Toulouse, France, (7) IGN, Toulouse, France, (8) DLR, Berlin, Germany, (9) ONERA, Toulouse, France

Since July 2015, Sentinel-2A provides high-quality multi-spectral images with 10 m spatial resolution. With the launch of Sentinel-2B scheduled for early March 2017, the mission will create a consistent time series with a revisit time of 5 days.

The consistency of the time series is ensured by some specific performance requirements such as multi-temporal spatial co-registration and radiometric stability, routinely monitored by the Sentinel-2 Mission Performance Centre (S2MPC). The products also provide a rich set of metadata and auxiliary data to support higher-level processing.

This presentation will focus on the current status of the Sentinel-2 L1C and L2A products, including dissemination and product format aspects.

Up-to-date mission performance estimations will be presented.

Finally we will provide an outlook on the future evolutions: commissioning tasks for Sentinel-2B, geometric refinement, product format and processing improvements.