easyFCDR Quick Start Guide

FCDR = Fundamental Climate Data Record
Main contents:

- brightness temperatures
- uncertainty estimates and error correlation information
- geospatial information

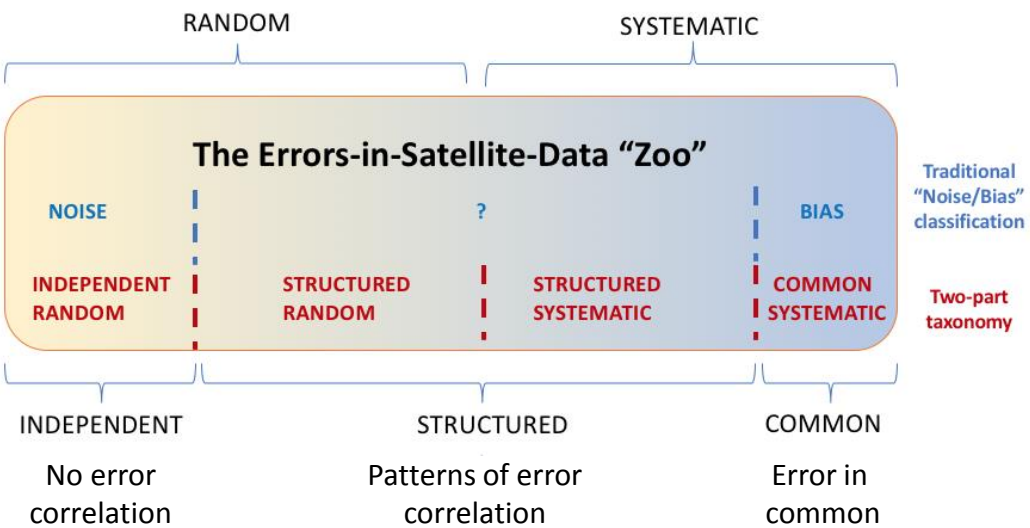
Principal variables to explore:

- Bt - the BT for all channels
- U_*type* – one of three components of uncertainty of different type (*independent, structured, common*)
- Cross_channel_error_correlation_matrix_*(independent or structured)*_effects, and cross_element/line_radiance_error_corrleation_length_average
- pixels not to use and flags
- Latitude, longitude, time

What is the uncertainty information useful for?

- enabling the uncertainty from BT to inform the uncertainty attributable to variables that you retrieve
- use the uncertainty propagation tool to illustrate this for one-pixel-at-a-time retrieval functions

How do the uncertainty types (independent, structured and common) map onto "traditional" uncertainty names?



For more information see the Product User Guide.
Other current FCDRs available: AVHRR, MVIRI, MW

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www.fiduceo.eu