

# The Most Important Factors Influencing the Overall Quality of Optical Images

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## **Abstract**

This contribution to the 2019 Very High-resolution Radar & Optical Data Assessment workshop (VH-RODA) is conceived to present the most relevant aspects that affects the overall quality of remotely sensed images acquired by optical sensors carried by spaceborne platforms. In detail, the focus of this presentation is on the existing relationships between the spatial and the radiometric resolutions, as well as image sharpness. Theoretical argumentations connected to the most relevant metrics used to quantifying the abovementioned factors will be provided to support the discussion, as well as practical examples.

**Keywords** - Calibration requirements and definitions