Maintenance and Continuation of NASA's Black Marble Nighttime Lights
Product Suite from Suomi-NPP and NOAA-20 VIIRS
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• **Products Status**
  In operation 2012-present:
  - Daily - VNP46A1/VNP46A2
  - Monthly - VNP46A3
  - Annual - VNP46A4
  - LANCE and Blue-Yellow NTL - VNP46A1
  To be implemented:
  - VNP46A5 (change metrics)
  - LANCE - VNP46A2
  - VCD46 (SNPP + NOAA-20 combined)

• **SNPP and NOAA-20 DNB cross-calibration**

• DESIS was applied for RSR adjustment at Libya
• SNPP and NOAA-20 DNB match well after de-trending and RSR adjustment
• Vegetation is impacted the most by SNPP and NOAA-20 DNB RSR difference
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- Change metrics (VNP46A5)

- Lunar-BRDF-corrected nighttime radiance over ocean

- Aurora mask

- Uncertainty