Hello, LaTeX!

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Abstract

This is a *sample* document to experiment with **LaTeX**.

1 Introduction

As shown in figure 1 on page 1, the number of active satellites have grown exponentially since 2016.

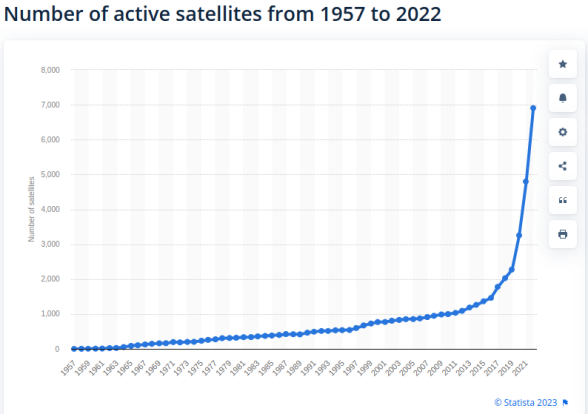

Figure 1: Active satellites by year

2 Resources

2.1 Satellites

Some of the most useful satellites for soil analysis are:

- NASA Landsat
- ESA Sentinel

2.2 Portals

The data for these satellites can be obtained via the following portals:

1. USGS
2. Copernicus Open Access Hub

3 Misscelaneous

The near infrared (NIR) and red (R) bands are used to compute vegetation index as per the equation:

$$NDVI = \frac{NIR - R}{NIR + R} \tag{1}$$

One last thing that remains is resolution and frequency of the satellites.

Satellite	Spatial	Temporal
Resourcesat	30m	6mo
Landsat	30m	8d
Sentinel	10m	5d

Table 1: Spatial and temporal resolutions of satellites.

We can also introduce greeks like α, β, γ, δ or in large caps like Δ. Also we can refer to any previous work that we've referred to [1] [2], while creating this doc by editing the *.bib file.

References

[1] Overleaf.com, "Learn latex in 30 minutes," 2023.

[2] LaTeX-Tutorial.com, "Bibliography in latex with bibtex/biblatex," 2023.