CASA023 : Remote Sensing Cities and Environments

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1 RS Learning Diary

This is a Quarto book to document my learning journey in **Remote Sensing Cities and Environments** course during my time at CASA UCL 24/25, offering insights learned, its applications, and my own reflections. The module is based on Dr Andrew Maclachlan github page [here].

*For those of you who also want to learn Geographic Information Scicene beyond 'typical GIS' Software, as in use R-Studio, you could also visit his other github page [here].

1.1 Introduction

Hi, I'm Nooriza, a student currently pursuing a Master's degree in Urban Spatial Science at UCL. I have an academic background in Geography with a specialization in Regional Development Studies and have several substantial work experience in government consultancies in Indonesia.

1.2 Why do I choose this module?

The reason I take Remote Sensing course is my desire to know *how it feels to be a bird, seeing things from above, and to see the unseen.* Don't we agree that remote sensing offers perspectives far beyond what our human eyes can naturally perceive?