Introduction to Geospatial Raster and Vector Data with Python

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netherlands eScience center

Who are we?

- The Netherlands eScience Center is a national center for **innovative software solutions in academic research**.
- Established to bridge the gap between digital technologies and scientific and scholarly inquiry.
- Our Research Software Engineers
  - help researchers interpret results,
  - make tools and methods reusable for the wider research community,
  - co-author research and methodological publications.

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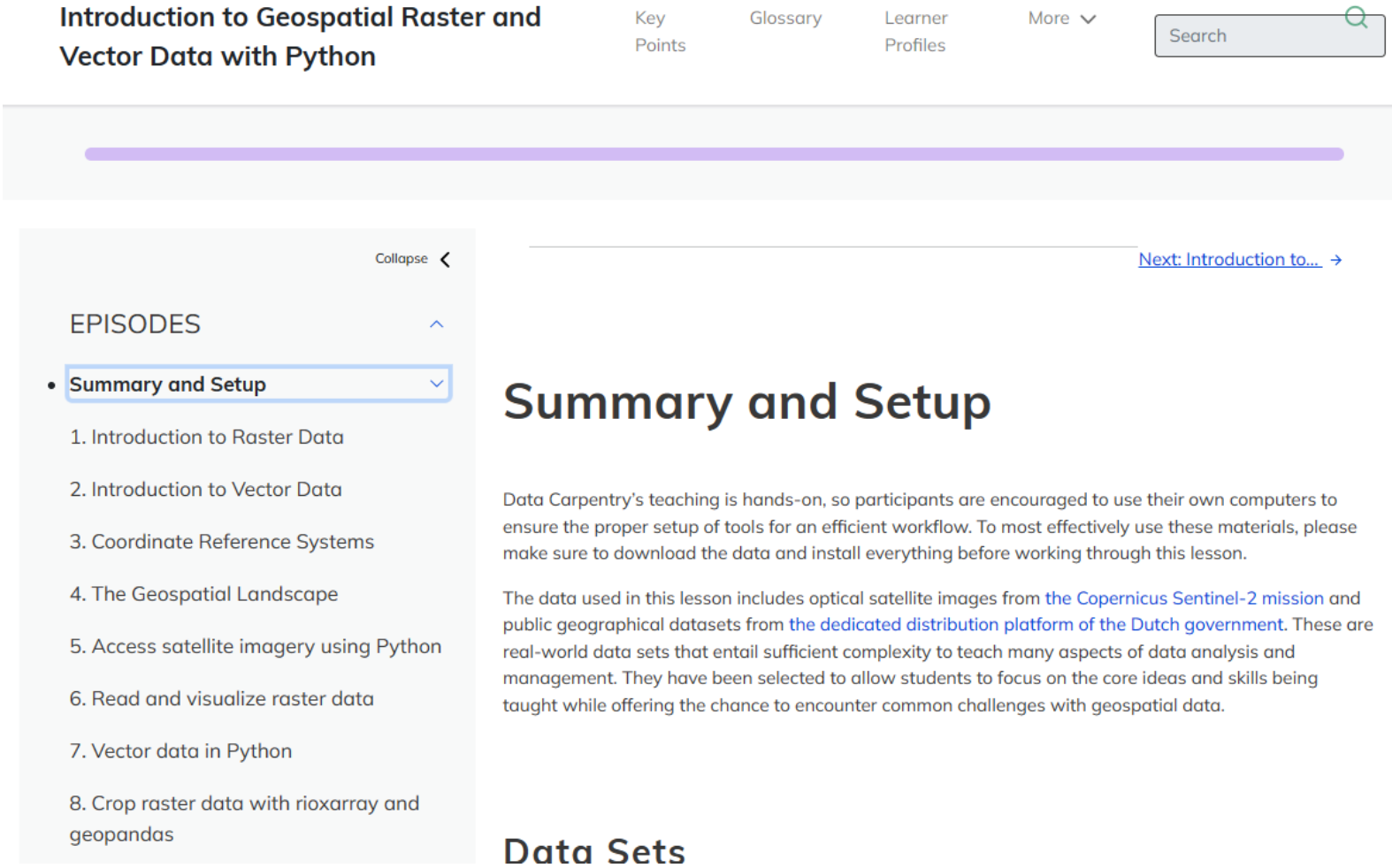

carpentries-incubator.github.io/geospatial-python

THE CARPENTRIES

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Case: Wildfire in Rhodes, 2023

https://www.esa.int/ESA_Multimedia/Images/2023/07/Rhodes_wildfire_forces_thousands_to_flee

https://news.sky.com/story/wildfires-on-rhodes-force-hundreds-of-holidaymakers-to-flee-their-hotels-12925583

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Overview of the course

- Access satellite imagery
- Access open vector data
- Vector/Raster data handling
- Raster calculation
- Zonal statistics

Follow the presentation also on your device

tinyurl.com/geospatial2024

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