Using NEON Educational Resources

By ecologists. For everyone!

Data Skills

Looking to improve your data skills using tools like Google Earth Engine, R, or Python? NEON maintains a library of over 100 free online trianing tutorials to teach users how to work with NEON data. These tutorials are self-paced and can be downloaded directly into your programming environment.

NEON's educational resources help you improve your data science skills, use ecology data in your classroom, learn through Science Videos, or start your coding journey with "Big Data." Visit our Learning Hub to get started today!

Code Hub

NEON data are often complex; working with data can be simplified using software or code. We maintain a Code Hub to get you started, like providing our 'neonUtilities' package for R, and also links to code contributed by members of the community.

Visit NEON's Learning Hub

Teaching

In collaboration with QUBES, NEON maintains open access teaching modules that help educators bring real-world data into their classrooms. Each module includes lesson outlines, curated datasets, and data skills activities to teach essential ecological concepts with accompanying data skills.

QUBES
The Power of Biology × Math × Community

Science Videos

NEON's YouTube channel includes a variety of video playlists that explain ecological data, concepts, and techniques, as well as webinars on how to access and work with NEON data.

@NEONScience