



NATE CHEROK PROJECT SCIENTIST

CREDENTIALS

- ◆ B.S. Geography, Pennsylvania State University, 2024
Information Science and Technology (IST) and Spanish Minors
Geographic Information Systems (GIS), Geospatial Big Data Analytics,
Global Environmental Systems Certificates
- ◆ Emerging GIS Professional (GISP-E) Certification

PROFESSIONAL EXPERIENCE

- ◆ 2025 – Present: ALL4 LLC, Philadelphia, PA – Project Scientist
- ◆ 2024 – 2025 ALL4 LLC, Raleigh, NC – Staff Scientist

TECHNICAL EXPERTISE

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| ✓ Air Quality Permitting and Reporting | ✓ Sustainability/ESG Reporting |
| ✓ Environmental Site Assessment | ✓ Air Quality Modeling |
| ✓ SPCC Permitting and Compliance | ✓ Energy Sector |
| ✓ Geospatial Analysis and Data Visualization | ✓ Wood Products Sector |

PROFESSIONAL OVERVIEW

Nate Cherok graduated from Penn State in 2024 with a degree in Geography, minors in Spanish and Information Science and Technology (IST), and certificates in GIS, Geospatial Data Analytics, and Global Environmental Systems. In summer of 2022, he conducted an independent research study through the Erickson Discovery Grant program quantifying the nutritional yield within Morocco's montane agroforestry systems. Nate presented his research at the American Association of Geographers (AAG) 2023 Annual Meeting in Denver, Colorado and received recognition for data visualization at the Penn State Undergraduate Research Exhibition. In summer of 2023, he studied abroad in Australia and New Zealand on a Sustainable Business program, cultivating a passion for sustainability and ESG. Additionally, Nate worked as a cartography assistant at Penn State, developing 150+ maps and figures for the third edition of instructional text *Designing Better Maps: A Guide for GIS Users*.

Nate joined ALL4 in July of 2024. In his time at ALL4, Nate has gained experience in air and water quality permitting and reporting, sustainability reporting and strategy, air quality modeling, and on-site environmental assessment. Nate has leveraged his GIS expertise to support the Air Quality Modeling and Monitoring (AQMM) Technical Team, enhance project deliverables, streamline workflows, and contribute to the development of new service lines including dashboards, viewshed analysis, and climate-related risk and opportunity assessment. Nate has experience with permitting and reporting across energy, wood products, and data center sectors in North Carolina, South Carolina, Kentucky, California, Pennsylvania, and New Jersey. Additionally, he has a deep understanding of the Task Force for Climate-related Financial Disclosures (TCFD) reporting framework utilized for emerging sustainability reporting programs. Nate is passionate about field work and welcomes opportunities to deepen his technical expertise across states and sectors.