

Lydia Kidwell

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Analytical and mission-driven data professional with 2+ years of experience in geospatial analysis, stakeholder engagement, and interdisciplinary project support. Skilled in using **ArcGIS Pro, Python, Excel, and Tableau** to manage large datasets, automate workflows, and visualize insights for decision-making. Passionate about applying data analytics and GIS tools to address climate change and **drive equitable, data-informed solutions**.

SKILLS

Professional

Project Support | Stakeholder Engagement | Written & Verbal Communication | Research & Reporting | Interdisciplinary Collaboration | Teamwork | Problem-Solving | Organization | Process Optimization | Workflow Documentation

Technical

Data Analysis & Visualization: Python (Pandas, NumPy, Matplotlib) | Tableau | Excel | Smartsheet | SQL

Spatial Analysis & GIS: ArcGIS Pro | ArcGIS Online | Raster & Vector Analysis | Remote Sensing Data | Cartography

Reporting & Design: PowerPoint | Word | InDesign | Photoshop | Canva

Currently Learning: R | Ggplot2 | ArcGIS Instant Apps | ArcGIS StoryMaps | ArcGIS Experience Builder

PROFESSIONAL EXPERIENCE

Timmons Group

Richmond & Virginia Beach, VA | July 2022 – August 2024

Project Engineer – Economic Development

Conducted **data and geospatial analysis** to support site certification and identification projects across VA and NC, helping clients **strategically prepare properties for investment** and supporting Sustainable Development Goals 8 and 9

- o **Surveyed stakeholders** then analyzed and visualized the resulting data in *Tableau* and *Excel* to define site-specific development goals, **guiding data-driven investment strategies** that aligned with regional economic priorities
- o Developed 5+ constraint maps per project in *ArcGIS Pro*, integrating LiDAR, land use, environmental, and utility datasets to assess site viability and **help clients address site constraints to accelerate deal readiness**
- o **Collaborated within an interdisciplinary team** to deliver custom site certification reports (monthly) and brochures (quarterly), aligned with economic development authority standards, to **improve site readiness and marketability**
- o Led the Mega Site Research Initiative, compiling 10,000+ data points in *Smartsheet* on Southeast U.S. mega sites to **support regional economic development strategy** and competitive benchmarking
- o **Reduced report production time by 8.3%** by streamlining data collection, automating workflows, and leading a documentation initiative that delivered reusable templates and guides to **improve team efficiency and scalability**

PROFESSIONAL DEVELOPMENT

- o **Hiring Our Heroes' Career Forward Program** — *Google Data Analytics Certificate* Anticipated May 2025
- o **Esri** — *Make an Impact with Modern Geo Apps MOOC* Anticipated April 2025
- o **LinkedIn Learning** — *Learning Plan for Sustainability Consultants* April 2025
- o **Esri** — *GIS for Climate Action MOOC* March 2025

EDUCATION

Virginia Polytechnic Institute and State University

Blacksburg, VA

- o *Bachelor of Science in Biological Systems Engineering*

VOLUNTEER EXPERIENCE

Virginia League of Conservation Voters

Reston, VA | January 2025 - Present

Advocate

- o Supporting data-informed environmental action in Virginia by developing climate advocacy and communication skills through workshops on climate science, digital organizing, and policy storytelling