



# RACHEL THE NOVICE

LECTURER — ARTS & HUMANITIES

## GEOSPATIAL RESEARCH PROFILE

I have been a lecturer at NYUAD for two years, and I have used geospatial tools and data in a limited way to make simple maps. I took a class on GIS in graduate school, but I have forgotten most of it. However, I did incorporate a few concepts into a class I taught last year and would love to do more. I'm impressed by how my colleagues have used these tools and analyses, but I am uncertain of what tools to invest my time in for my research. I think it would be beneficial to do this type of research more, especially when it comes to building a unique research profile that would make me a strong candidate for future opportunities.

### GOAL

Obtain a tenure track position

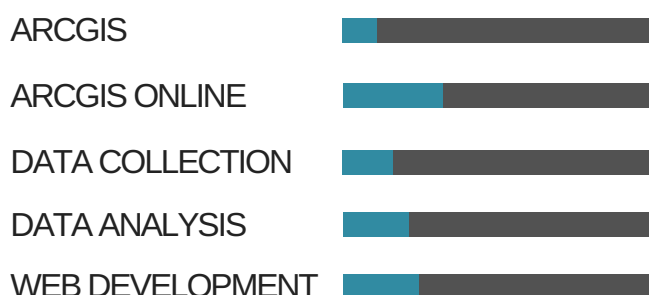
### MOTIVATIONS TO USE GIS

- Opportunity to ask new and novel questions about current research
- Establish self in field
- Propose new courses that use these skills

### CURRENT GIS CHALLENGES

- Gatekeeping
- Geospatial data and project management
- Lack of geospatial vocabulary to effectively search for learning resources, tools, data

## GEOSPATIAL TECHNICAL SKILLS



## LIBRARY INTERVENTIONS

- Continue to host introductory workshops for GIS and geospatial research
- Offer syllabus development as a service for faculty who want to integrate data skills and/or GIS into courses



# A.J. THE PROFESSOR

ASSISTANT PROFESSOR — SOCIAL SCIENCE

## GEOSPATIAL RESEARCH PROFILE

I have been at NYUAD for four years as a tenure-track assistant professor in the social science department. My major research themes ask geospatial questions. I consider myself a high-level and daily user of geospatial tools and data, but I am always looking for new ways to expand my skills. Many of my classes have assignments and themes that require students to learn and use GIS. I often hire students to do some GIS work for me. I know these tools are widely used and accepted in my field, but my colleagues and I are all using them very differently.

### GOALS

- Tenure
- Grant approval and funding

### MOTIVATIONS TO USE GIS

- Develop new research methodologies in field
- Produce more publications

### CURRENT GIS CHALLENGES

- Training for research assistants
- Assistance with higher-level geospatial analyses that require programming, automation, and subject area expertise
- Lack of applicable local networking and engagement opportunities that meet geospatial skill-level and research interests

## GEOSPATIAL TECHNICAL SKILLS

ARCGIS	<div><div></div></div>
ARCGIS ONLINE	<div><div></div></div>
DATA COLLECTION	<div><div></div></div>
DATA ANALYSIS	<div><div></div></div>
WEB DEVELOPMENT	<div><div></div></div>

## LIBRARY INTERVENTIONS

- Start a community of practice so researchers from different domains can meet
- Offer a more structured faculty consulting service to work on agreed upon tasks and develop training materials for research assistants



# JEAN-PAUL THE BIG THINKER

PROFESSOR — SCIENCE

## GEOSPATIAL RESEARCH PROFILE

I have been at NYUAD since 2010. Many of the researchers in my lab use geospatial tools and data, and these are fully integrated into much of the field research done by my lab through the capture of GPS coordinates or raster data. I do not consider myself a user of GIS. However, much of my research asks questions about space, i.e., species in a particular area, but making a map or doing a traditional geospatial analysis is not the primary goal. I have big ideas about sharing my years of data collected through an interactive and open online platform.

### GOALS

- Continued funding of lab
- Global recognition

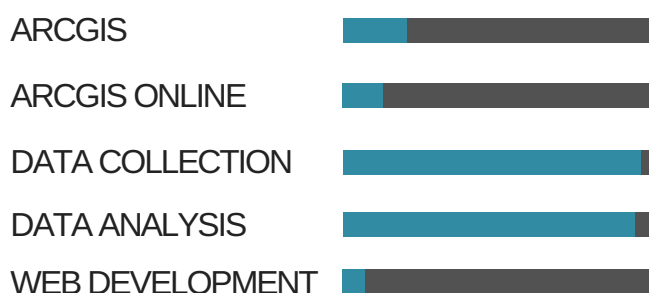
### MOTIVATIONS TO USE GIS

- Publications
- Create tools, software, and web applications based on research data

### CURRENT GIS CHALLENGES

- Geospatial data management and archiving
- Understanding appropriate systems and platforms for sharing geospatial data with non-affiliated colleagues and the public
- Lab lacks web development skills or funds to produce and maintain the idealized platform

### GEOSPATIAL TECHNICAL SKILLS



### LIBRARY INTERVENTIONS

- Continue offering library partnership opportunities to share data management and archiving expertise
- Hire student workers or staff to consult on and develop web applications and software