David C. Folch

Geography

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- Motivations:
  - Geography, economics, computer science → Geographic data science
  - Cities → Identifying neighborhoods: change, segregation, amenities

- My Research Background:
  - NSF Census Research Network (NCRN) – Spatial Sciences Node
  - Environmental Influences on Child Health Outcomes – Family Life Project
  - Neighborhood Influences on the Quality of Child Care Centers in N.C.
  - Measuring Social Vulnerability – Reducing Uncert. and Validating Indicators
  - Residential Segregation Measures and Their Spatial Properties – DDRI
  - Urban Analytics – Textbook

- How I'd Like to be Involved in a Smart Cities Project:
  - Smart Cities (GEO 5934) course in Spring 2018
  - Federal Statistical Research Data Center
  - Uses of new ("big") urban data
  - Leveraging spatial data
  - Neighborhoods, context, indicators
  - Urban data science

Collaborative Collision: Smart Cities 2018