

## Curriculum Vita (January 2021)

### I. Doori Oh

Ph.D. candidate, University of Georgia

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### II. Education

#### Ph.D. in Geography

University of Georgia, Athens, GA, USA

Research Advisor: Dr. Xiaobai Yao

Fall 2015 -

#### M.S. in Geography

Kyung Hee University, Seoul, South Korea

Research Advisor: Dr. Chul Sue Hwang

2012 - 2013

#### B.S. in Geography

Kyung Hee University, Seoul, South Korea

2008 - 2011

#### Research Interests

GIScience, Spatial analysis, Geo-visualization, Geospatial Semantics, Geographic Information Retrieval, and applicability of ontology models for urban studies

### III. Publications and Presentations

Invited panel, KAGES Young Korean Geographers Forum at the annual meeting of the Association of American Geographers (virtual), April 7-11, 2021 (appointed) 2021

Invited lecture, "An ontology-based approach for modelling information about places", Korea Research Institute for Human Settlements, Sejong, South Korea, Nov. 11, 2020 2020

Paper presentation. "Knowledge graphs for semantic trajectories in the context of mobility, place, and health", Applied Machine Learning Days 2020, Lausanne, Switzerland, Jan. 25-29, 2020 2020

Paper presentation. "Aggregating place-based information from vernacular place names", Annual Meeting of the Association of American Geographers, DC, Washington, April 03-07, 2019 2019

Poster presentation. "Using Geospatial Analysis and Web-based GIS for SNAP-Ed Programming", The 2019 ASNNA Annual Conference, Arlington, VA, Feb. 04-07, 2019 2019

Conference presentation. "Atlanta Water Resources: Identifying Key Urban Areas to Reduce Stormwater Runoff and Maximize Conservation Efforts in Metropolitan Atlanta", World Forum of Natural Capital (Non-academic), Edinburgh, Scotland, 29 Nov 2017 2017

Poster presentation. "Assessing the value of spatial-semantic association for a geospatial knowledge retrieval system using social media", The 28th International Cartographic Conference, Washington, D.C., USA, July 02-07, 2017 2017

Paper presentation. "A study on ontology of crowdsourcing geographic knowledge in social media", The 1st Symposium on Research Methodology in a Big Data Era, State College, PA, May 13-15, 2016 2016

Oh, D. R., & Hwang, C. S. (2015). "A Comparative Study on the Spatial Statistical Models for the Estimation of Population Distribution". *Journal of the Korean Society of Surveying, Geodesy, Photogrammetry and Cartography*, Vol. 33, No. 3: 145-153 2015

#### IV. Academic Employment

**University of Zurich, Prof. Dr. Robert Weibel's project team**  
Visiting scholar for a collaborative research Jan. 29 - Feb. 22, 2020

#### V. Research Consultant

NASA DEVELOP National Program (Atlanta water resources) Fall 2016  
NASA DEVELOP National Program (Georgia water resources) Fall 2015

#### VI. Research Assistant

**University of Georgia, Department of Geography**  
The University of Georgia Supplemental Nutrition Assistance Program Education (UGA SNAP-Ed) July 2018 - Present

- Duties: GIS consulting for SNAP-Ed sites eligibility, data mining, web application development

Blue Ridge Parkway Project (Transportation modeling) Fall 2015 - 2016

#### VII. Teaching Experiences

**University of Georgia, Department of Geography**  
Introduction to GIS (GEOG 4370E, Online course) Summer 2016-2017  
GIS (GEOG 4370L) Spring 2017  
Human Geography: People, Places, and Cultures (GEOG 1101-S) Spring 2018  
Introduction to Landforms (GEOG 1113L) Fall 2017

#### VIII. Grants and Awards

**Swiss National Science Foundation & Women in Big Data**  
Travel funds for Applied Machine Learning Days 2020 Conference Jan. 25 – Jan. 29, 2020

**University of Georgia, Graduate School**  
Travel funds for American Association of Geographers Conference April 3 – April 7, 2019  
Travel funds for the 28th International Cartographic Conference July 2 – July 7, 2017

**University of Georgia, Department of Geography**  
Research Assistant Scholarship Fall 2015-2016, July 2018-Present  
Teaching Assistant Scholarship Summer 2016, Spring 2017-2018

#### IX. Service

Manuscript reviewer for *Transactions in GIS* 2020  
Co-chair, GIS Day at UGA (Campus-wide event) 2019  
Program Chair, GIS Day at UGA (Campus-wide event) 2017 - 2018  
Treasurer, Geography Graduate Student Association Fall 2017 - Spring 2018  
Program Committee, GIS Day at UGA (Campus-wide event) 2016