

2019 CRG Internship Opportunity #1 – Parcel Mapping/Ordinance Review

PROJECT NAME: Understanding Coastal Hazard Impacts through Parcel Mapping, Shoreline Classification, Public Outreach and Local Ordinance Review

Internship Supervisor: Dr. Julie Kinzelman
Agency Name/Address: City of Racine, 730 Washington Avenue, Racine, WI 53403
Phone #: 262-636-9501
Email address: Julie.Kinzelman@cityofracine.org

Work Site: Racine Public Health Department – Laboratory
Address: 730 Washington Avenue, Room #8 Racine, WI 53403
Phone #: 262-636-9571 **Fax #:** 262-636-9576
Website: <https://www.cityofracine.org/Laboratory/>

Project Description and Internship Requirements

1.	PROJECT GOAL	To provide information and resources to allow coastal communities in Racine County to better understand, withstand and proactively respond to adverse coastal impacts rather than solely dealing with disaster response. To reduce risk as well as being informative to coastal hazard mitigation planning. This is a multi-agency/multi-jurisdictional effort working with the WCMP CARES project team, SEWRPC, Racine County Emergency Management and UW-Madison.
2.	OUTCOME	This project will enhance the ability to respond, withstand or adapt to coastal hazard issues by affirming and/or providing information on municipal ordinance currentness/comprehensiveness/similarity and parcel ownership. Create a framework for science-based, informed coastal hazard decision-making. Provide public education/outreach surrounding coastal resiliency.
3.	TYPES OF ACTIVITIES	Review existing parcel maps to determine ownership of coastal assets. Acquire coastal recession rates from historical and current characterization studies. Conduct a review of ordinances or other regulations to evaluate their currentness and comprehensiveness in addressing coastal hazards. Develop, refine, and/or leverage coastal hazard education and outreach materials for shoreline property owners. Expected work products resulting from this project include: 1) updated/confirmed parcel maps for each of the participating jurisdictions which delineate ownership, land use and presence of infrastructure, 2) a report describing the extent and similarity of local ordinances in addressing coastal hazards, and 3) a public education and outreach resource list for property owners.
4.	SPECIFIC SKILLS OR ATTRIBUTES	<p>Required:</p> <ul style="list-style-type: none"> a. Proficient use of ArcGIS b. Proficient use of Microsoft Office Suite & Adobe Acrobat c. Proficient in conducting literature searches & database reviews d. Ability to read topographic, bathymetric, & FEMA flood insurance maps e. Ability to perform entry level statistical analyses f. Strong written and verbal communication skills g. Strong organizational and time management skills; detail oriented h. Strong data entry and database management skills i. Entry level understanding of community outreach methods j. Valid driver's license/reliable vehicle/minimum required car insurance <p>Preferred:</p> <ul style="list-style-type: none"> a. Enrollment in urban planning, geography or engineering program b. Previous coursework or experience in zoning, land use policy and programming, urban planning and climate change impacts c. Experience with legal terminology used in the zoning/land use context
5.	MENTOR	<p>Name: Stephan Kurdas, BS, MUP Position: Coordinator of Laboratory Services Phone #: 262-636-9571</p>
6.	PROJECT DURATION	March 31, 2019 – April 1, 2020 (12 months). Approximately 20 hours/week. Work week is Monday – Friday, 0700 - 1800; days and hours of work flexible within this timeframe. Some remote work may be permissible.
7.	COMPENSATION	Paid internship. Hourly rate is \$14.94 for new hires, up to \$16.33/hr for returning students. Mileage will be reimbursed at \$0.58/mile for all work related travel.

INTERN ASSIGNED

Name: Advisor:	Contact phone #: Email:
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