

Hunter M. Ray

4589 N Thornhill Dr · Peoria, Illinois 61615
309-404-1675 · hunter.m.ray@outlook.com
<https://huntermray.github.io/>

Objective:	Seeking employment as a GIS specialist/developer.		
Education:	University of Wisconsin	Madison, Wisconsin	
	Master of Science, GIS & Web Map Programming	2020	
	4.0 GPA		
	Southern Illinois University	Carbondale, Illinois	
	Bachelor of Science, Zoology	2011	
	3.5 GPA/ <i>Cum Laude</i>		
	Lincoln Land Community College	Springfield, Illinois	
	Associate in Science, Biology	2009	
	3.6 GPA		
Awards	Wildlife Services Certificate of Merit, 2014, 2018, 2019, 2020 USDA Secretary’s Award, 2020 Gears of Government Award, 2020		
Skills	Programming: Arcade, CSS, HTML, Java, JavaScript, Python, SQL GIS: ArcGIS Enterprise, ArcGIS Online, ArcGIS Pro, ArcMap, ArcCatalog, ArcPad, ESRI Field Apps (Survey123, Collector, Workforce), ArcGIS API for JavaScript, ArcGIS API for Python, Leaflet, D3, Mapbox, Carto, AndroidStudio, PostgreSQL, PostGIS, pgAdmin, QGIS		
Professional Experience:	USDA Wildlife Services	Peoria, Illinois	
	Wildlife Biologist/ GIS Specialist	November 2011 - present	
	<ul style="list-style-type: none">• Full Time - 40 hours per week• Lead wildlife hazard mitigation programs for General Wayne A. Downing Peoria International Airport, 182nd Air National Guard, Quad City International Airport and Central Illinois Regional Airport• Utilize integrated wildlife damage management techniques to alleviate human health and safety threats at multiple airports, and mitigate conflicts caused by urban wildlife at various other locations around Central Illinois• Design, implement, train, and coordinate multiple GIS-based data collection programs and methods for use on multiple wildlife management and research projects in Illinois• Designed a GIS database and conducted GIS-based wildlife surveys, built GIS-based maps and prepared formal write-up for two Wildlife Hazard Assessments at two airports in the Peoria, Illinois area• Conduct routine wildlife surveys at multiple airports, analyze data		

collected, and present the results orally and in writing to the cooperators on a monthly basis

- Routinely interpret and apply state, local, and federal laws, regulations, and policies pertaining to wildlife, particularly conducting wildlife damage management, and process applications/renewals for obtaining state and federal depredation permits
- Assist with preparing statewide National Environmental Policy Act (NEPA) reports as assigned
- Prepare and conduct presentations and trainings pertaining to various wildlife damage management issues in both public and professional forums
- Assist in training newly hired employees in various wildlife damage techniques: including all aspects of field work, work safety, interpretation and application of policies, laws and regulations, along with assisting with training and office duties as needed
- Assist with training employees on safety and field sampling techniques, along with lab and data entry protocols for various wildlife diseases
- Effectively communicate information and updates on wildlife damage management techniques through various meetings for multiple airports
- Provide technical assistance and direct control options to resolve various wildlife conflicts and wildlife related disease threats to the general public, businesses; federal, state, and local government agencies and advise them on the effectiveness and costs of various control methods

USDA Wildlife Services

Lincoln, Nebraska

GIS Lead – Aerial Surveillance Team

March - April 2019

- 21-day emergency deployment - 80 hours per week
- Acted as the GIS team lead assisting three field personnel conducting aerial surveillance for lost/deceased livestock
- Served as liaison for GIS team to the FEMA ESF-11 Emergency Response Group regarding aerial surveillance/data collection
- Created and distributed daily maps showcasing surveillance progress and surveillance data
- Provided progress/planning updates to the ESF-11 Group during daily conference calls
- Utilized various mobile GIS applications to manage scheduling and field data collection by the clean-up crew
- Provided on-site training to field crew regarding use of mobile applications used for task assignments and data collection

**Relevant
Undergraduate
Coursework:**

Introduction to GIS, Digital Earth

**Relevant
Graduate
Coursework:**

Intro to Geo-computing (python), Graphic Design in Cartography
GIS & Spatial Analysis, Interactive Cartography and Geo-visualization,
Spatial Databases, Spatial Web and Mobile Programming

**Academic
Achievements:**

Dean's List, Southern Illinois University Carbondale, 2010 to 2011
Who's Who Among American College Students, 2009
Vice President's List, Lincoln Land Community College, 2007 to 2009

Citizenship:

I, Hunter M. Ray, am an American citizen.

References:

Craig Bloomquist
District Supervisor
USDA Wildlife Services
3430 Constitution Drive, Suite 121
Springfield, Illinois 62711
(217) 241-5739
Craig.K.Bloomquist@usda.gov

Jason Kougher
Staff Wildlife Biologist/GIS Specialist
USDA Wildlife Services
6100 Columbus Ave
Sandusky, OH 44870
(419) 239-2706
Jason.D.Kougher@usda.gov

Terrance Schaddel
Senior Project Manager
Crawford, Murphy and Tilly
2750 West Washington Street
Springfield, Illinois 62702
(217) 787-8050
TSchaddel@cmtengr.com