



# GK

# GEORGE KIPP

GIS SPECIALIST | [GEORGEKIPP.WEBBLY.COM](http://GEORGEKIPP.WEBBLY.COM)

## SUMMARY

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Experienced natural resource professional with a demonstrated history of working in forestry. Skilled in Natural Resource Management, GIS Software, Cartography, Scripting, and Spatial Databases. Strong information technology professional with a Master of Science (M.S.) focused in Geographic Information Science and Cartography from Northwest Missouri State University.

## SKILLS

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- Comfortable with web development, Python, R, and SQL scripting.
- Advanced user of forest growth and yield models such as FVS and Woodstock.
- NWCG qualified as GISS and FFT2.

## EXPERIENCE

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### GIS SPECIALIST • MISSOURI DEPARTMENT OF TRANSPORTATION • 2019 TO PRESENT

- Create a spatially based asset tracking system for MoDOT's Real-Time Kinematic GPS network.
- Manage the LiDAR and Photogrammetry section.
- Evaluate bids for LiDAR and photogrammetric services and select winning vendor.
- Ensure that LiDAR and photogrammetry deliverables meet quality standards.
- Provide GIS technical assistance to Department staff.
- Train employees in basic operation of GIS software.
- Chair GIS advisory committee to coordinate inter-divisional GIS needs.

### FORESTRY IT COORDINATOR • MISSOURI DEPARTMENT OF CONSERVATION • 2015 TO 2019

- Create a spatially based accomplishment reporting system using existing technology.
- Administer an enterprise GIS system, including online GIS, with users in over 50 different locations
- Manage development of new technology projects; including collecting user stories, wireframing applications, software development, and application distribution.
- Develop custom scripts to automate workflows and produce reports using C#, Python, SQL, and JavaScript.

### FORESTRY DISTRICT SUPERVISOR • MISSOURI DEPARTMENT OF CONSERVATION • 2014 TO 2015

- Provide supervision, work planning, and budgeting for district forestry staff.
- Supervise and mentor a forester, community forester, forestry technician, 4 assistants, and 2 temporary employees.



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- Responded to the general public about Department operations, regulations, and procedures.
- Meet with internal and external stakeholders to develop management goals, operational frameworks, and strategic alignment.

**RESOURCE FORESTER • MISSOURI DEPARTMENT OF CONSERVATION • 2011 TO 2014**

- Managed approximately 30,000 acres of state land in Carter and Shannon Counties on the Peck Ranch and Rocky Creek Conservation areas.
- Applied forest treatments which promoted healthy and sustainable forests, congruent with Department and Division directives.
- Served as Incident Commander during wildfire suppression activities in Carter County, and as a crew member for wildfires in other counties and out-of-state.
- Supervised a technician, assistant, and hourly employee and provide them with leadership and mentoring to foster an efficient, productive, and harmonious work environment.

**EDUCATION**

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**M.S GEOGRAPHIC INFORMATION SCIENCE • 2017 • NORTHWEST MISSOURI STATE UNIVERSITY**

**B.S. FOREST MANAGEMENT • 2003 • UNIVERSITY OF IDAHO**

**A.S. BIOLOGY • 2000 • LINCOLN LAND COMMUNITY COLLEGE**



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