James H. Kompanek, MGIS	GIS Specialist

Availability: Immediate Email: **jhkompanek@crai-ky.com**	Specific Duties: • Geographic Information Systems • Cartography • Database Design • GPS/GNSS	Education and Training: • Master of Geographic Information Systems (MGIS), Pennsylvania State University • BA, Anthropology, University of Pittsburgh

Experience Summary Information

GIS Specialist	Archaeological Field Supervisor	Field Technician
Cultural Resource Analysts, Inc. Hurricane, West Virginia 2006 – present	Cultural Resource Analysts, Inc. Lexington, Kentucky 2001 – 2003; 2005	Michael Baker Jr. Corp. Pittsburgh, Pennsylvania 2001

James Kompanek is responsible for Geographic Information Systems (GIS) project support for CRA's Hurricane, West Virginia, Richmond, Virginia, and Sheridan, Wyoming offices. His primary responsibilities include cartography, spatial analysis, general mapping, site interpretation, post-processing GPS data, and database development. He began employment with CRA in 2001 as an archaeologist at CRA's Lexington, Kentucky office and has worked on archaeological and historic architectural projects throughout the United States. Mr. Kompanek possesses a Master's degree in GIS from the Pennsylvania State University and Bachelor's degree in Anthropology from the University of Pittsburgh, as well as graduate certificates in both Historic Preservation and GIS.

PROFESSIONAL AFFILIATIONS:
- West Virginia Association of Geospatial Professionals.
- West Virginia Archeological Society.

REPRESENTATIVE TRAINING:
- Graduate Certificate in Historic Preservation – *University of Pittsburgh.*
- Graduate Certificate in Geographic Information Systems – *Pennsylvania State University.*
- GIS: Practical Applications for Cultural Resource Projects – *National Preservation Institute, Richmond, Virginia.*
- Online Mapping Systems – *Ohio Historic Preservation Office, Columbus, Ohio.*
- AutoCAD Map 3D, CAD Essentials I – *MountainCAD, South Charleston, West Virginia.*
- MSHA/OSHA Training – *Hurricane, West Virginia.*
- First Aid/CPR/Blood-borne Pathogens – *American Red Cross, Hurricane, West Virginia.*

REPRESENTATIVE PRESENTATIONS:
- Reconstructing Historic Urban Landscapes: The Highlawn Historic Mapping Project – *West Virginia Archaeological Society, Charleston, West Virginia.*
- What Next? Fifteen years of Archaeological Data Collection in the Southern Coal Fields of West Virginia – *West Virginia Archaeological Society, Charleston, West Virginia.*
- Geographic Information Systems: Applications in Cultural Resource Management – *Council of West Virginia Archaeology, Charleston, West Virginia.*
- Dilapidated Housing Workshop – *City of Huntington, Huntington, West Virginia.*
- Drug House Identification Workshop – *City of Huntington, Huntington, West Virginia.*

REPRESENTATIVE GIS EXPERIENCE:

General Mapping & Field Coordination
- Phase II National Register evaluation of Site 46CB177, Cabell County, West Virginia (2023).
- Archaeological site monitoring with the Hawks Nest-Glen Ferris Hydroelectric Project, Fayette County, West Virginia (2022).
- Phase I survey for the Fernwood Pipeline in Harrison County, Ohio (2022).
- Phase I archaeological survey for units of the Indian Run Project, Monongahela National Forest, Tucker County, West Virginia (2021).
- Phase I survey of units of the Wayne National Forest, Gallia and Jackson Counties, Ohio (2021)
- Phase I survey for the Flood Damage Reduction Project, Pike County, Kentucky (2021).
- Field reconnaissance of the Hoosker Doo Well Site, Greene County, Pennsylvania (2020).
- Phase I survey for the Scioto Ridge Wind Project in Hardin and Logan Counties, Ohio (2019).
- Phase I survey of the Lexerd Surface Mine, Boone County, West Virginia (2018).
- Class I study for the Abraxas Petroleum Waterline in McKenzie County, North Dakota (2017).
- Class III study for the Winnie Well Fast Lines Pipeline in Campbell County, Wyoming (2017).
- SR1514/1523/1522 project in Watauga County, North Carolina (2017).
- McMullin Bridge Replacement in Smyth County, Virginia (2017).
- Phase I archaeological survey for proposed Somerset Pipeline in Jefferson County, Ohio. (2016)
- Archival research and geophysical survey for the Hatfield Cemetery Trail Project in Logan County, West Virginia (2016).
- Cultural resource inventory for the town of New Harmony, Indiana (2016).
- Phase I archaeological survey of the Calcasieu Ranger District for the USDA Forest Service in Rapides Parish, Louisiana (2016).
- Architectural survey for the Latitude, Providence, and Wildberry solar farm projects in Madison, Fayette, and Hardeman Counties, Tennessee (2015).

Large-scale Literature Reviews
- Historic architectural resource survey for the City of Virginia Beach, Virginia (2018).
- Seven hundred and thirty-five turbine windfarm in Carbon County, Wyoming (2017).
- Environmental Impact Statement encompassing Pennsylvania, Ohio, and West Virginia (2017).
- Level II natural resources inventory of East Lynn Lake in Wayne County, West Virginia (2016).
- Five mile pipeline along the Cuyahoga River in Cleveland, Ohio (2015).
- One hundred and eighty turbine windfarm in Hardin and Logan Counties, Ohio (2012).
- Fifty six turbine windfarm in Champaign County, Ohio (2012).
- Ninety one turbine wind farm in Crawford and Richland Counties, Ohio (2010).
- Class I cultural resources overview of East Lynn Lake in Wayne County, West Virginia (2007).

Spatial Analysis & Predictive Modeling
- Artifact distribution analysis of Site 46CB177, Cabell County, West Virginia (2023).
- Alternative testing strategy based on literature review and environmental data for a 93 turbine windfarm in Hardin and Logan Counties, Ohio (2016).
- Alternative testing strategy based on literature review and environmental data for an approximately 60-mile portion of a natural gas pipeline in DeKalb, Steuben, LaGrange, and Elkhart Counties, Indiana (2014).
- Alternative testing strategy based on literature review and environmental data for an approximately 25-mile portion of a natural gas pipeline in Defiance and Williams Counties, Ohio (2014).
- Artifact distribution analysis of a multi-component open-air site (46CB042) dating from the Middle or Late Archaic to the Late Woodland period in Cabell County, West Virginia (2014).
- Artifact distribution analysis for the National Register evaluation of a multi-component prehistoric site (46PU159) in Putnam County, West Virginia (2012).
- Artifact distribution analysis for the mitigation of the Late Woodland period Site 46MR155 in Marshall County, West Virginia (2011).
- Artifact distribution analysis of multi-component prehistoric sites (46MS366-368) in Mason County, West Virginia (2010).