

Mapping The Future

Spatial Insights Across Disciplines with Joseph Kerski

23-25 January 2025, Breland Hall 185 & 192

Presentations | Workshops | Colloquium | Field Trip | Networking

See Attached Flyer for Details.



Hosted By Your

NMSU Department of Geography and Environmental Studies

Questions? - Contact Dr. Michaela Buenemann (elabuen@nmsu.edu)

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Spatial Insights Across Disciplines with Joseph Kerski

Joseph Kerski, PhD, GISP

Geographer | Educator | GIS Professional



Joseph Kerski is a geographer with a focus on the use of Geographic Information Systems (GIS) in education. He has served as the President of the National Council for Geographic Education and has given 2 TED Talks on “The Whys of Where”. He holds 3 degrees in geography (BA, MA, PhD) and has served as geographer in 4 major sectors of society, including government (NOAA, US Census Bureau, USGS), academia (University of Minnesota, Harrisburg Area Community College, Penn State University, Sinte Gleska University, University of Denver, others), private industry (as Education Manager for Esri), and nonprofit organizations (with roles in geography and education associations). Joseph has authored over 100 chapters and articles, and 200 podcasts on GIS, education, space, place, and related topics. He has visited over 350 schools and 400 universities around the world. He regularly conducts professional development for educators. He has created over 6,200 videos, 1,000 lessons, 1,000 blog essays, and authored 12 books, including *Interpreting Our World*, *Spatial Thinking in Environmental Contexts*, *Essentials of the Environment*, *Spatial Mathematics*, *Tribal GIS*, *International Perspectives on Teaching and Learning*, the *GIS Guide to Public Domain Data*, and others. But as a lifelong learner, he feels as though he’s just getting started and thus actively seeks mentors, partners, and collaborators.

Find Joseph Kerski on the Web: <https://www.josephkerski.com/>

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Joseph Kerski's Workshops and Presentations to Inspire

Presentation & Workshop: "Collecting, Mapping, Analyzing, and Communicating the Results of Data Gathered in the Field."

Thursday, January 23, 1000-1200, BD 192 Computer Lab

Discover how you can efficiently collect, map, analyze, and communicate the results of information you collect in the field with survey, GIS, spatial analysis, and web mapping applications tools.

Presentation & Workshop: "Enriching your Science, Humanities, and Business Instruction and Research with Geotechnologies"

Thursday, January 23, 1330-1500, BD 192 Computer Lab

Discover how to effectively teach and conduct research with mapping technologies for your own discipline in this lively session.

Presentation & Workshop: "Harnessing Geospatial Artificial Intelligence (GeoAI): Tools for Teaching, Learning, and Smart Decision-Making"

Friday, January 24, 0900-1030, BD 192 Computer Lab

Learn what Geo-Artificial Intelligence is, why it holds such promise for wiser decision-making in society, and discover how can you teach and learn using these tools.

Presentation & Workshop: "Unlocking Opportunities: Careers in Spatial Thinking and Geotechnologies"

Friday, January 24, 1100-1200, BD 192 or 194

Join us for a lively and practical discussion on how you can chart your own pathway forward in government, academia, industry, or nonprofit organizations using geotechnologies in a widening array of fields.

Colloquium: "Mapping Your Future: 5 Key Trends, 5 Societal Forces, and 5 Essential Skills"

Friday, January 24, 1500-1600 (with 30 minutes of mingling before and after the talk), BD 185 and via Zoom: <https://nmsu.zoom.us/j/81170736294>

What are the most important trends, forces, and skills needed for holistic decision makers in our modern society? Join Joseph Kerski as we discuss why spatial thinking is critical to your own career pathway, and what to consider as you journey down that pathway.

Presentation & Workshop: "Exploring the Organ Mountains: Field Mapping and Data Collection with ArcGIS Apps"

Saturday, January 25, 1300-1700, Dripping Springs Trailhead

Join us on the landscape as we collect, map, and study several aspects of the cultural and natural environment of the Organ Mountains and discuss how these same tools can be used to map and understand other aspects of our natural and human-built world.

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