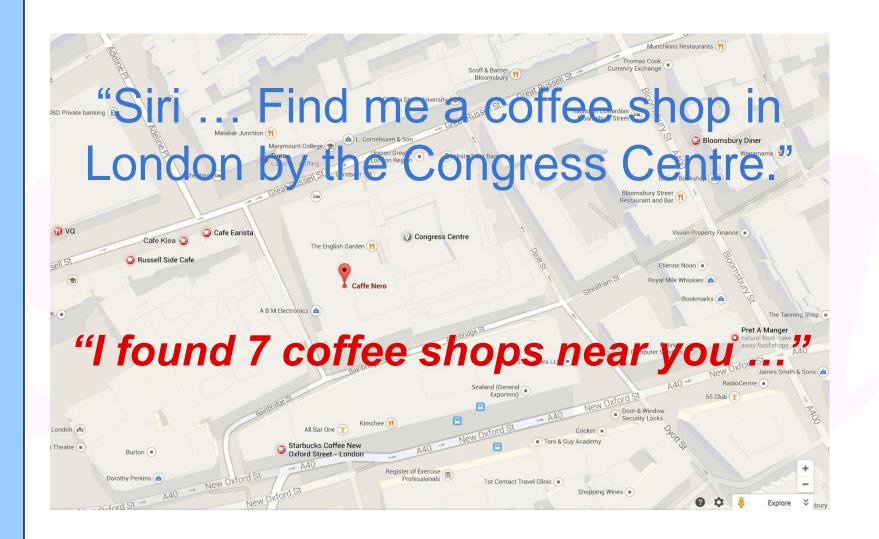


Jason Karl, Ph.D. Director





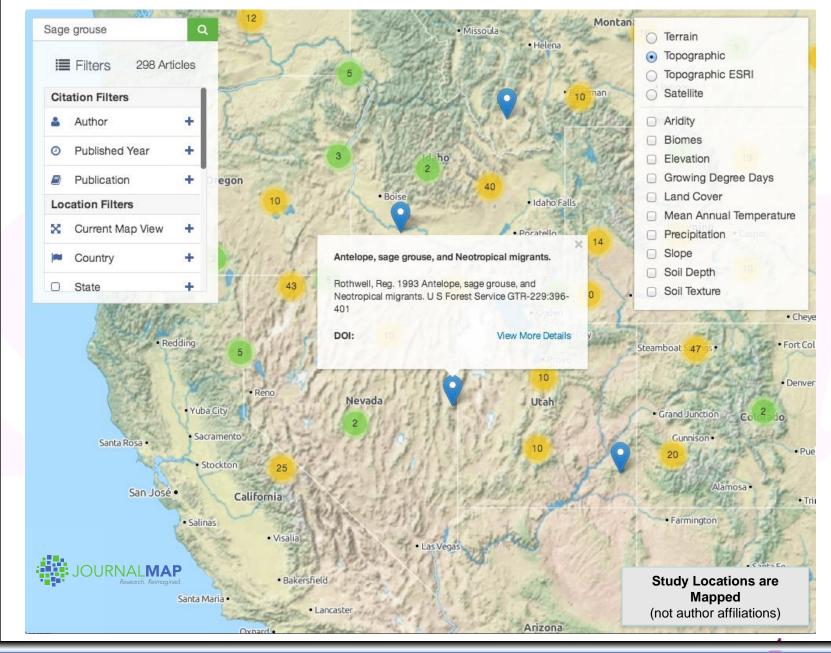


Why can't we find scientific research by location just as easily?

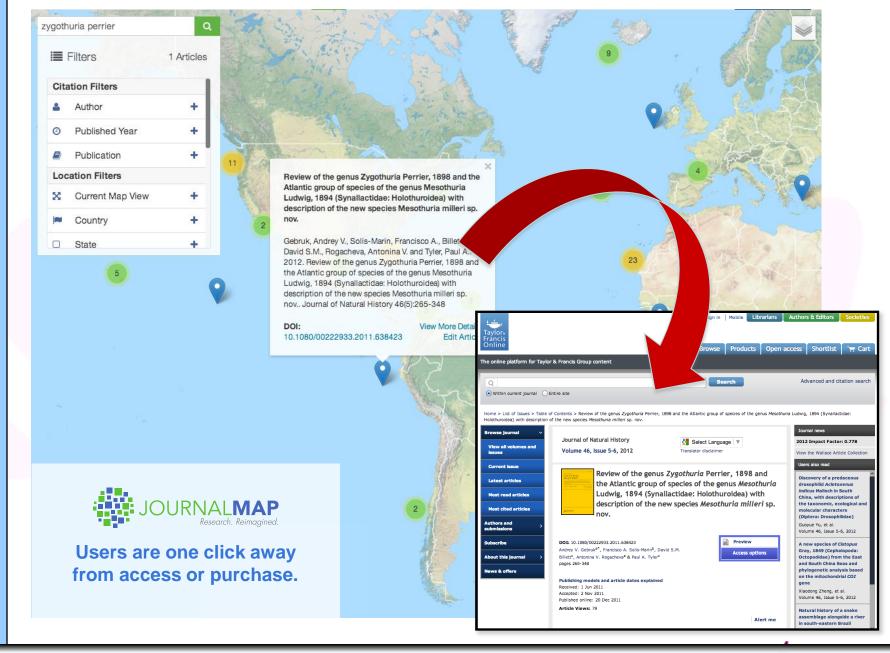




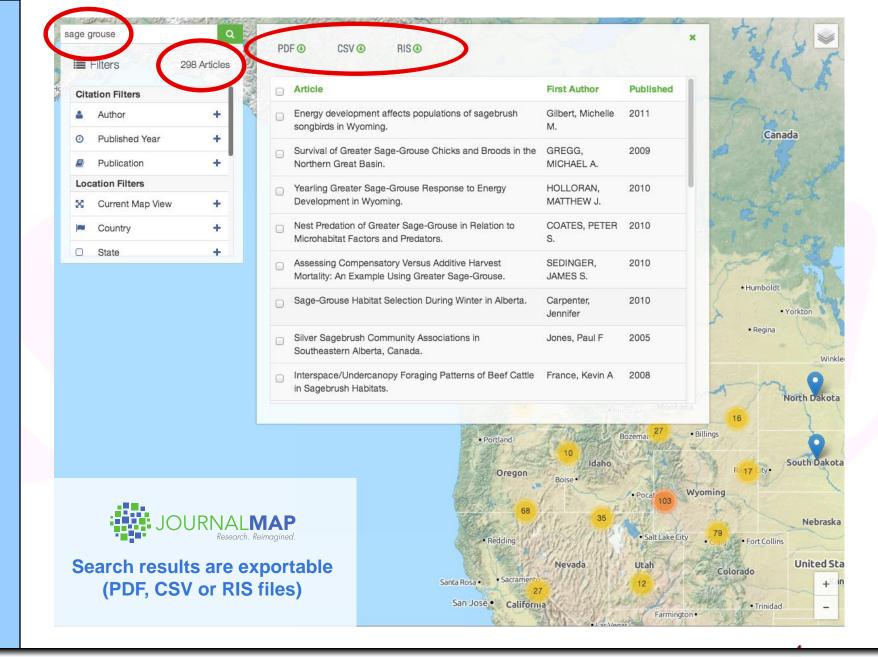














My Spatial Ecology Articles

latest article added on August 2013

My research at the Jornada focuses on the applications of geographic information systems (GIS), remote sensing, multivariate and spatial statistics, and ecological informatics to sustainable land management.

I am the lead PI on the Landscape Toolbox and JournalMap projects, and I work extensively with the Bureau of Land Management, Natural Resource Conservation Service, and other federal agencies on the development and implementation of land health monitoring strategies and techniques. My research at the Jornada focuses on the applications of geographic information systems (GIS), remote sensing, multivariate and spatial statistics, and ecological informatics to sustainable land management.



authored by

Jason Karl Ph.D.

Research Ecologist, USDA Agricultural Research Service Jornada Experimental Range



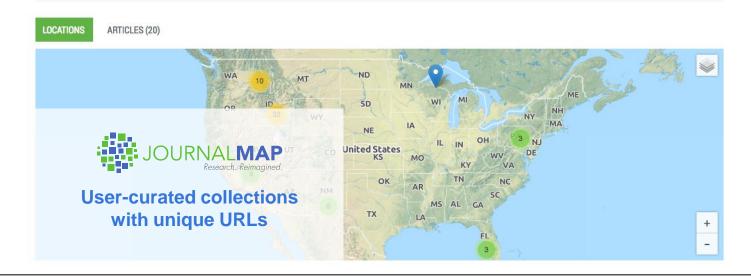




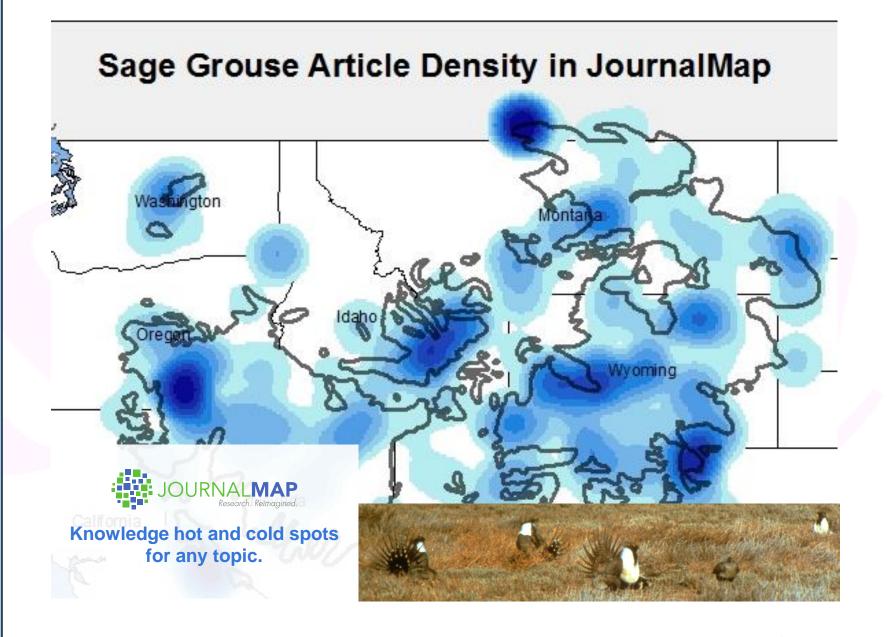


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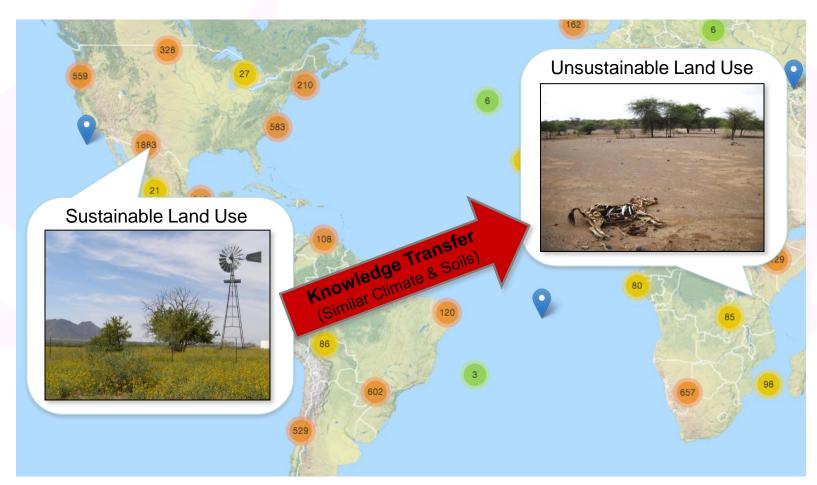














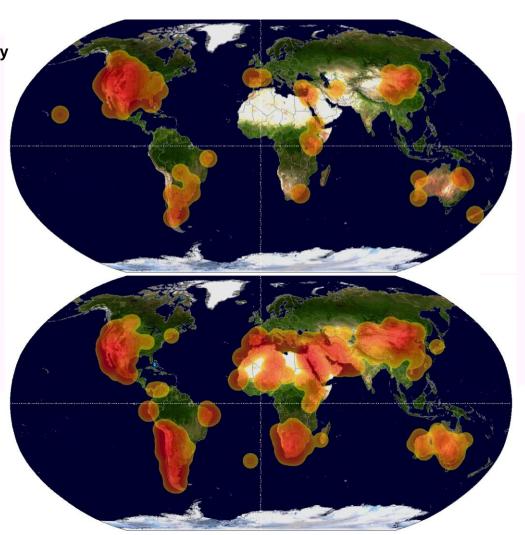
All Articles from Two Journals (2000 to 2012)

Rangeland Ecology & Management

Journal of Arid Environments

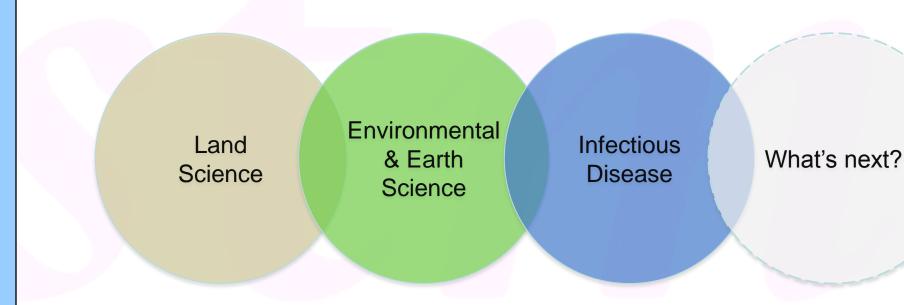


Visualize knowledge distribution, gaps and biases.



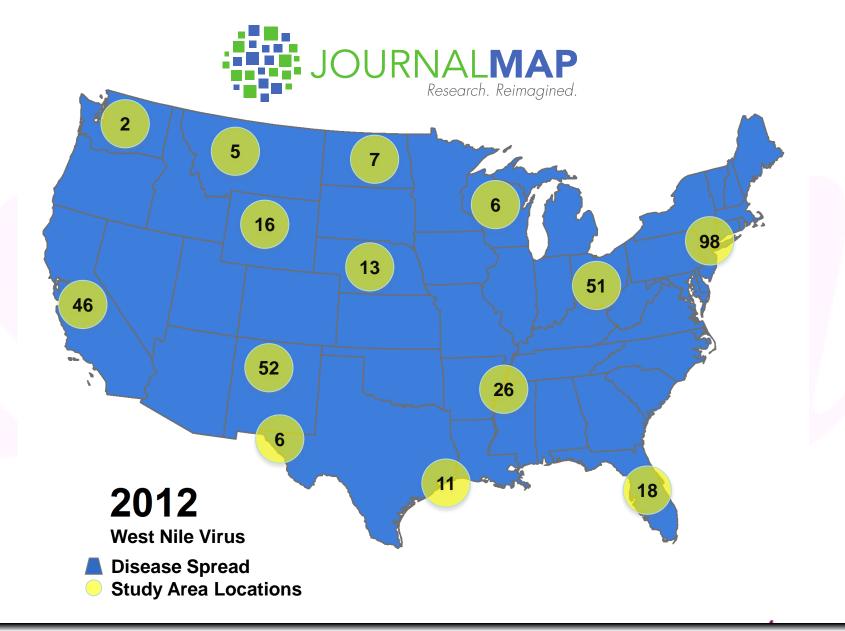




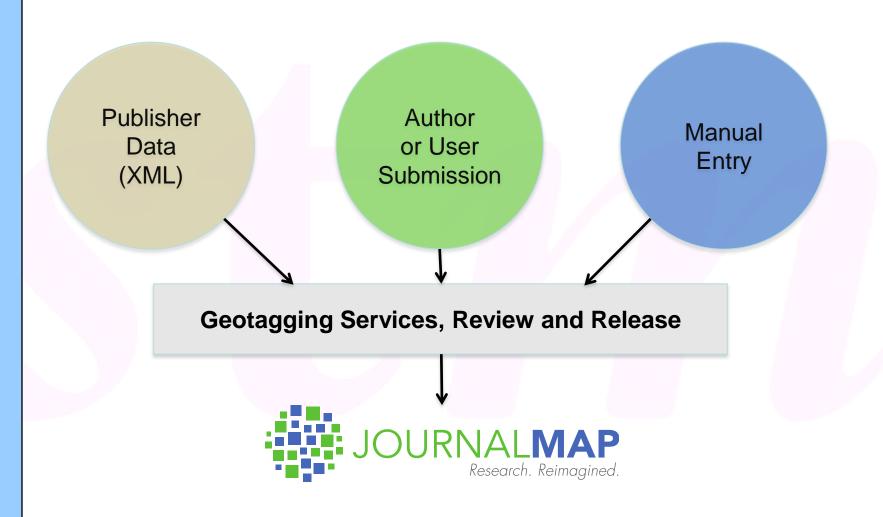


JournalMap's range of topics continues to expand.













How are articles geotagged?

- Automated coordinate geo-parsing engine (60+ methods and growing)
- Semi-automated place name geoparsing engine
- Manual geotagging





Our Vision

- ALL published research is easily searchable with map tools
- Geotag existing/archived publications
- Consistent location reporting
- Location fields included in document metadata



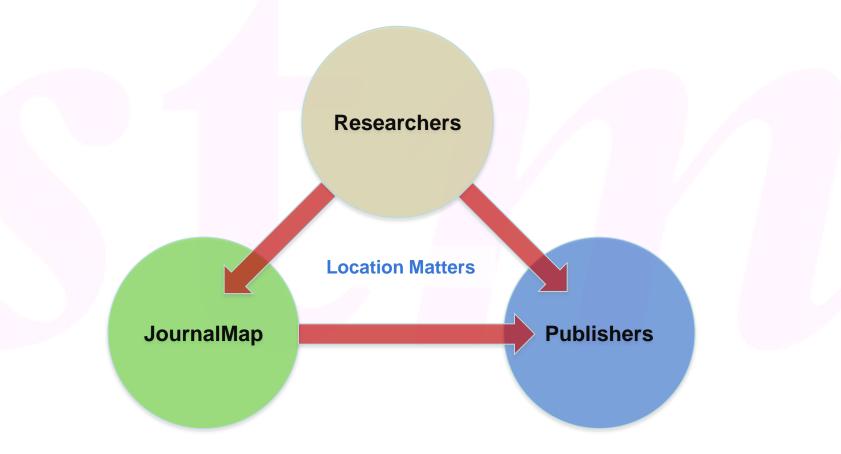


Immediate Opportunities

- Adopt location reporting standards
- Geotagging services for publishers (location validation and error-checking)
- Expand JournalMap features
- Tools for publishers' websites









Time's Up!

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