



01 Jul 2018

Scholars' Mine Annual Report for Fiscal Year Ending June 2018

James Roger Weaver

Missouri University of Science and Technology, weaverjr@mst.edu

Follow this and additional works at: https://scholarsmine.mst.edu/sm_stats

 Part of the [Scholarly Communication Commons](#), and the [Scholarly Publishing Commons](#)

Recommended Citation

Weaver, James Roger, "Scholars' Mine Annual Report for Fiscal Year Ending June 2018" (2018). *Scholars' Mine Statistics*. 43.

https://scholarsmine.mst.edu/sm_stats/43



This work is licensed under a [Creative Commons Attribution-Noncommercial-No Derivative Works 4.0 License](#).

This Report is brought to you for free and open access by Scholars' Mine. It has been accepted for inclusion in Scholars' Mine Statistics by an authorized administrator of Scholars' Mine. This work is protected by U. S. Copyright Law. Unauthorized use including reproduction for redistribution requires the permission of the copyright holder. For more information, please contact scholarsmine@mst.edu.

Scholars' Mine

Global Reach
Global Impact



Annual Report

July 2017 – June 2018

Providing global access to digital scholarly and cultural resources created by our campus community.

MISSOURI
S&T | Library and Learning Resources

Scholars' Mine is the institutional repository for the Missouri University of Science and Technology. Scholars' Mine is our digital showcase providing access to the scholarly and cultural resources created by the university community.

Benefits for Our Institution

Supports the institution's research mission

- Increases the exposure of our faculty's scholarship and promotes research opportunities globally
- Provides access to our research in a single location, offering opportunities for branding
- Promotes the accomplishments of our faculty and students to potential employers and students
- Enables collaboration and learning

Manages and preserves the scholarship of the institution

- Aggregates all the institutional research in a single location
- Enables the institution to comply with copyright law and publisher policy
- Ensures preservation, readability and access into the future

Benefits for Our Institution

Increases the availability of hard-to-access scholarship

- Shares hard-to-access institutional scholarship such as conference presentations, exhibits and performances
- Increases accessibility of institutional technical reports, white papers and student research

Celebrates and preserves campus culture and life

- Serves as a platform for art exhibits and other student activities
- Provides access to yearbooks and other collections of campus activities
- Hosts special collections of materials important to campus history and life

Achievements

Scholars' Mine received the CoreTrustSeal in April of 2018

The CoreTrustSeal is a core level certification based on the DSA-WDS Core Trustworthy Data Repositories Requirements catalog and procedures. This universal catalog of requirements reflects the core characteristics of trustworthy data repositories. The CoreTrustSeal signifies that Scholars' Mine is a trusted and certified repository for research data.

- [View the Scholar's Mine Certification](#)
- [More Information about the Core TrustSeal](#)



Achievements

Scholars' Mine reaches 2 Million Downloads

On March 26th, 2018 a user in Anantapur, Andhra, Pradesh, India downloaded [Aggregate Gradation Optimization -- Literature Search](#) by David N. Richardson the Chancellor's Professor and Associate Professor Emeritus in Civil, Architectural and Environmental Engineering. Congratulations Dr. Richardson for being our 2 millionth download!

- [View Dr. Richardson's Works in Scholars' Mine](#)

**Scholars' Mine Reaches
2 Million Downloads**
March 26, 2018

Achievements

Scholars' Mine Continues to Rank Highly in the Digital Commons Network

The Digital Commons Network brings together free, full-text scholarly articles from hundreds of universities and colleges worldwide. Curated by university librarians and their supporting institutions, the Network includes a growing collection of peer-reviewed journal articles, book chapters, dissertations, working papers, conference proceedings, and other original scholarly work.



Digital Commons Network™

Open Access. Powered by Scholars. Published by Universities.®

Achievements



Digital Commons Network™

Open Access. Powered by Scholars. Published by Universities.®

Works ranked highly in:

- **6 out of 108** engineering disciplines in December 2017. The highly ranked disciplines included: petroleum engineering, systems and communications, engineering science and materials, manufacturing, systems engineering, and other engineering.
- **3 out of 122** physical sciences and mathematics disciplines in December 2017. The highly ranked disciplines included: artificial intelligence and robotics, geophysics and seismology, and Plasma and Beam Physics.
- the scholarly communications discipline of social and behavioral sciences in August 2017.
- **3 out of 122** physical sciences and mathematics disciplines in August 2017. The highly ranked disciplines included: chemistry, geology, and physics.
- the environmental health discipline of life sciences in August 2017.

Achievements

18% Increase in
Global Readership

Global readership provides a comprehensive global picture of where users access Scholars' Mine content both geographically, and over time.

60% Increase in
U.S. Readership

U.S. readership provides a comprehensive picture of where users in the United States access Scholars' Mine content.

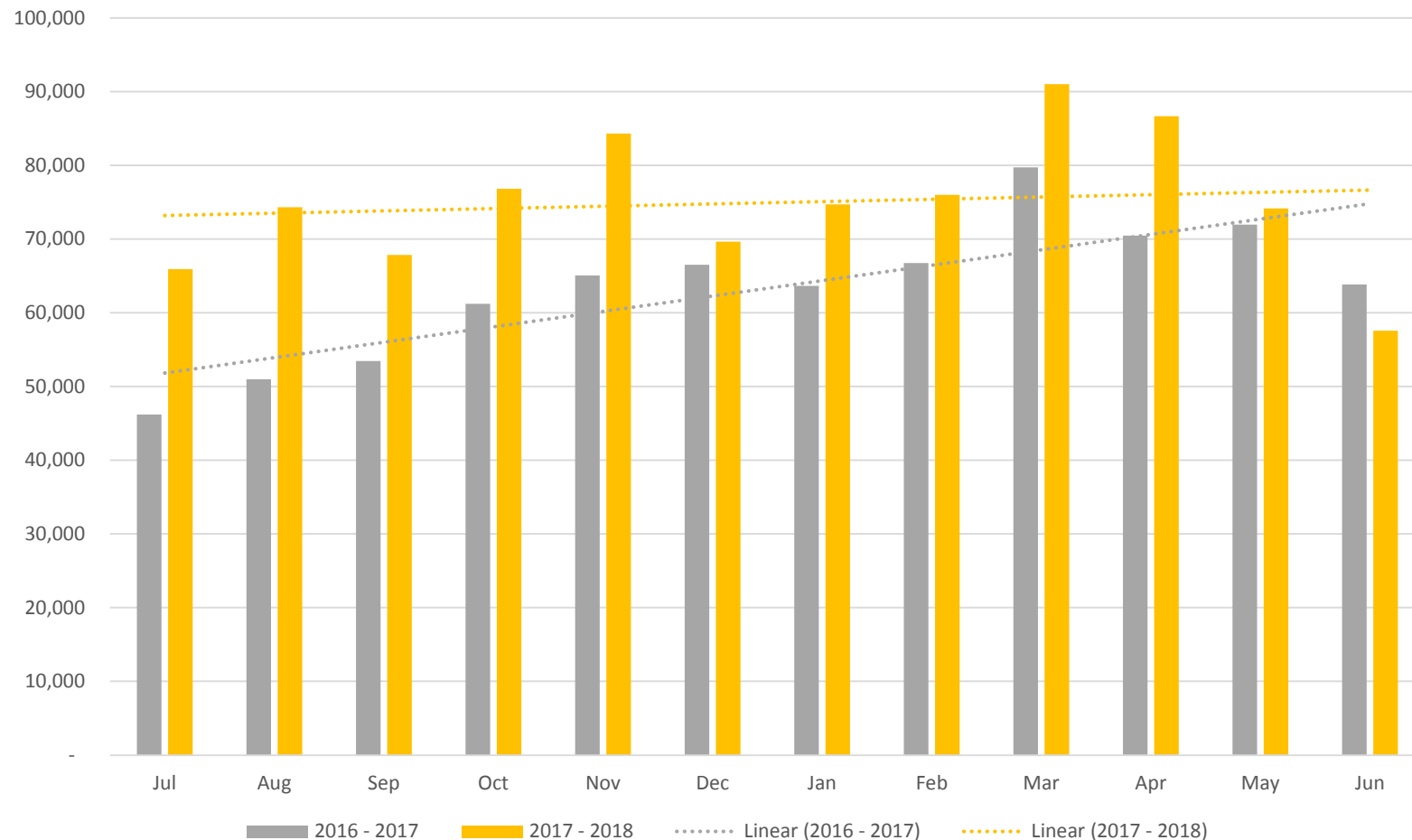
62% Increase in
Regional Readership

Regional readership provides a comprehensive picture of where users in our local geographic region access Scholars' Mine content.

90% Increase in
Productivity

Productivity shows the number and types of new works added to Scholars' Mine and a comparison to the previous fiscal reporting period.

Readership Comparison July 2017 – June 2018



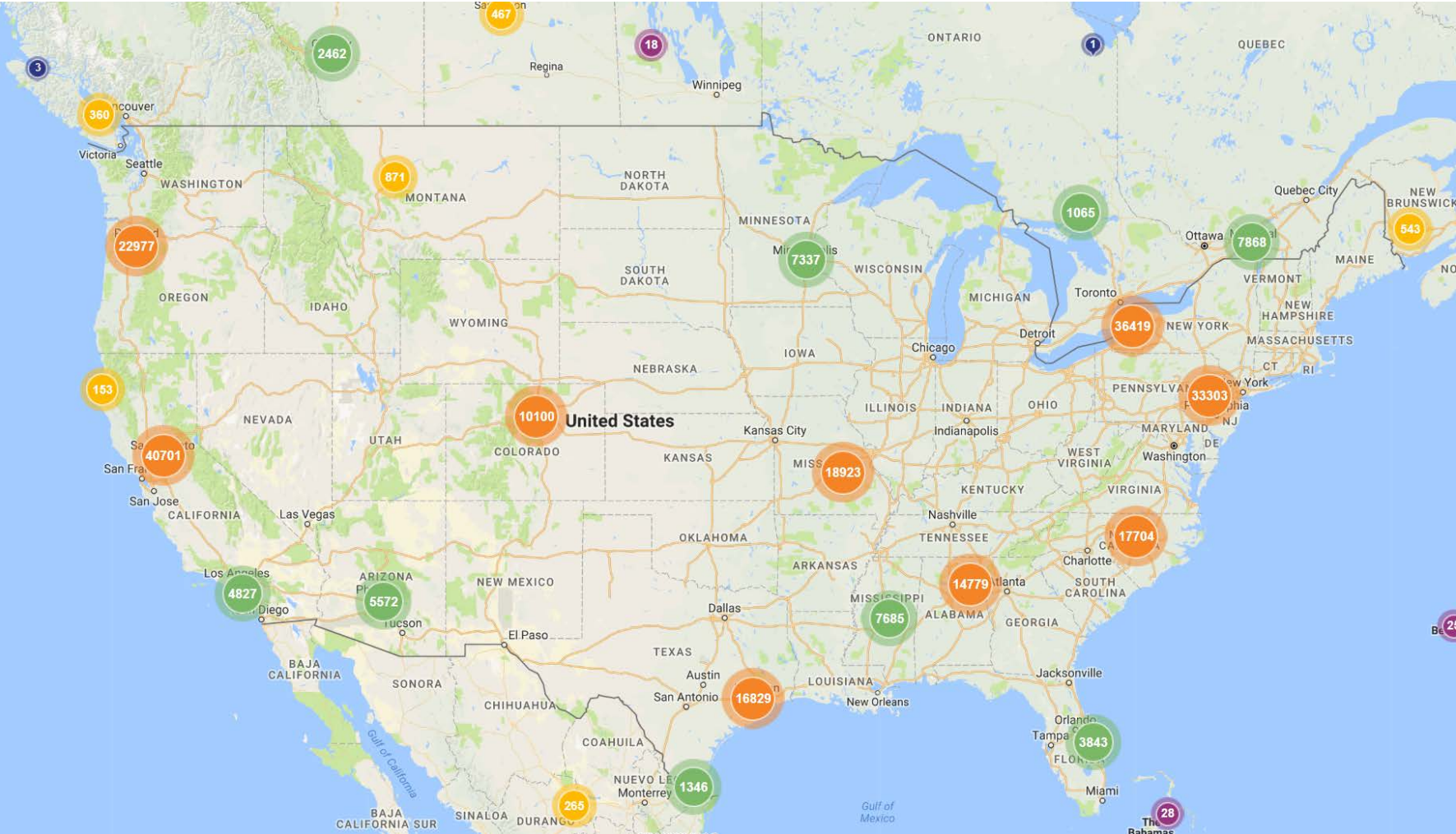
Total Downloads for July 2016 – June 2017	759,739
Total Downloads for July 2017 – June 2018	899,061

18% Increase

The Downloads graph displays full-text downloads for the fiscal periods ending June 2017 and June 2018. Full-text documents are documents residing within Scholars' Mine such as journal articles, thesis, dissertations, conference proceedings, and other works by our faculty and students.

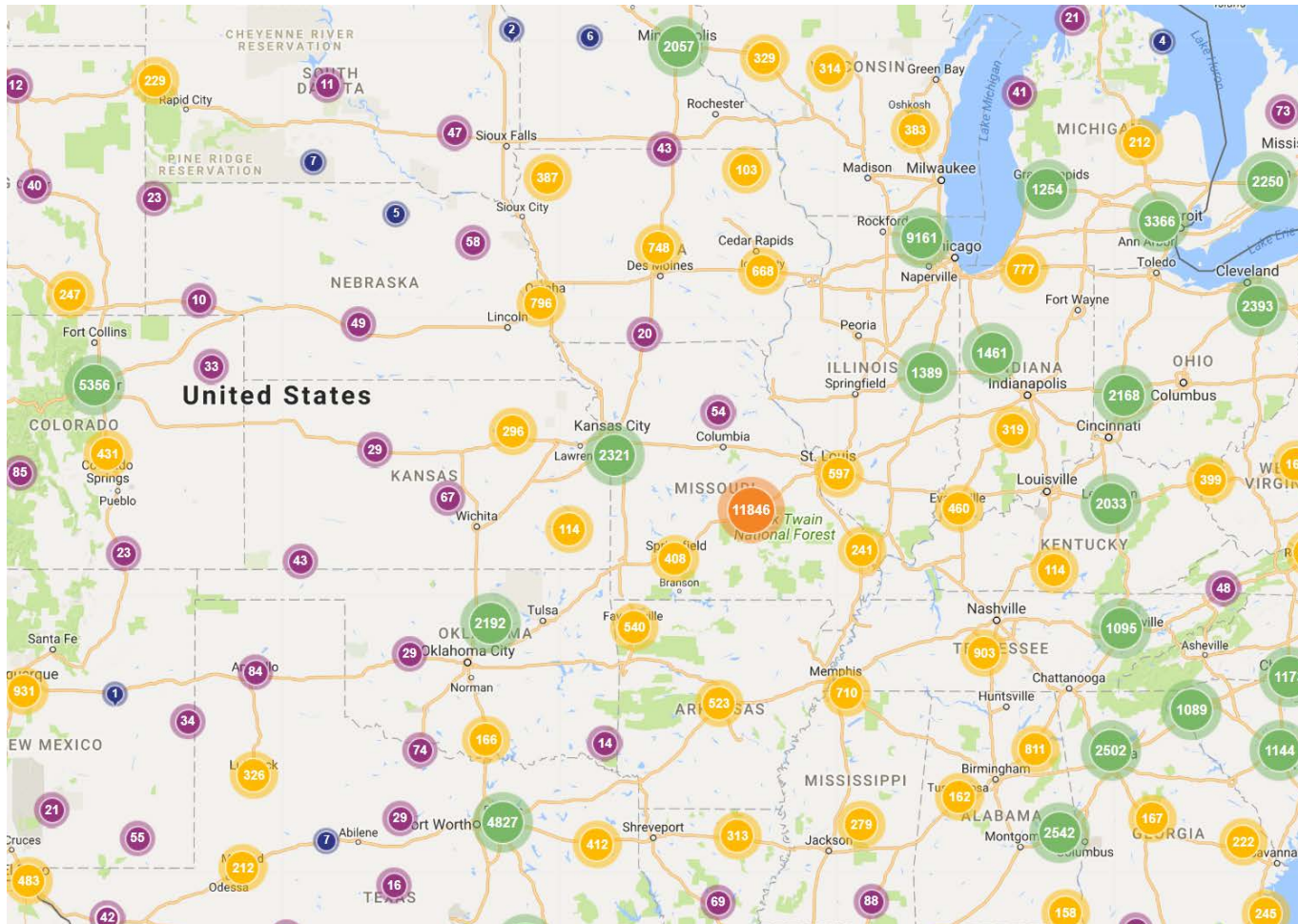
Continental U.S. Readership July 2017 – June 2018

60% Increase



This geographic visualization showing the distribution of downloads within the continental U.S.

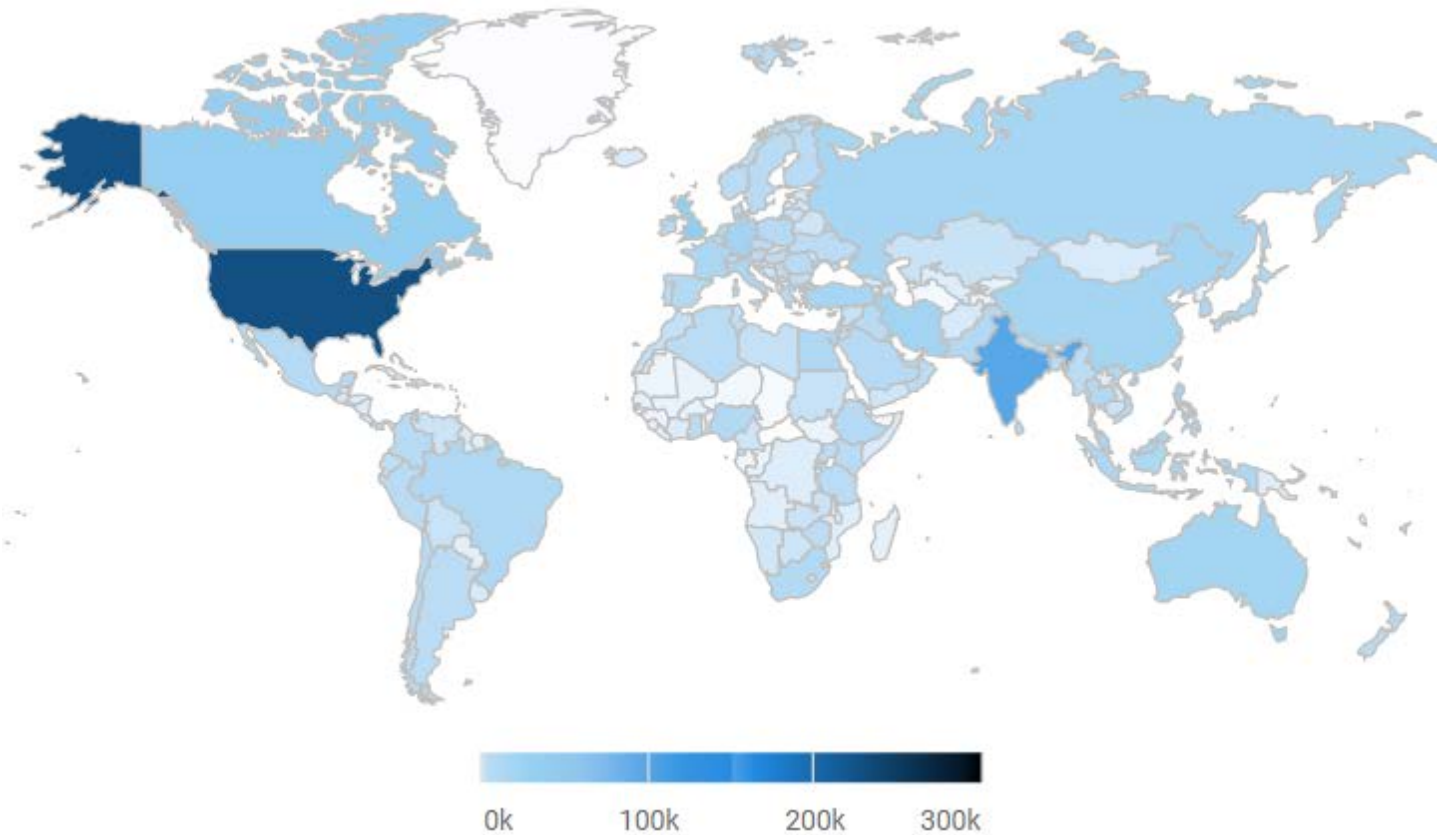
Regional Readership July 2017 – June 2018



62%
Increase

This geographic visualization shows the distribution of downloads within the local region (Missouri and surrounding states)

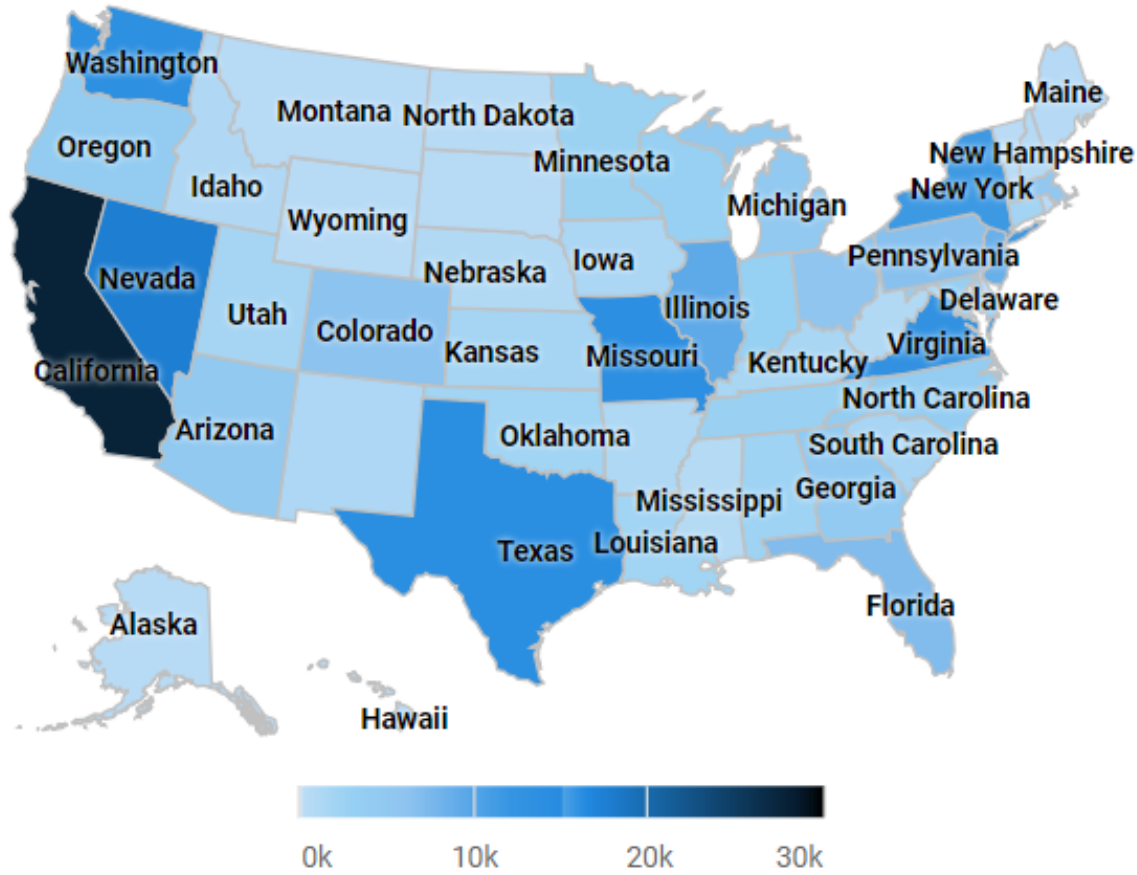
Readership by Country July 2017 – June 2018



Top 10 Countries	
United States	227,285
India	97,336
United Kingdom	38,007
Canada	31,839
Iran, Islamic Republic Of	20,493
Germany	20,082
Philippines	19,765
Australia	19,237
China	18,523
Malaysia	16,872

This geographic visualization shows the distribution of downloads by country.

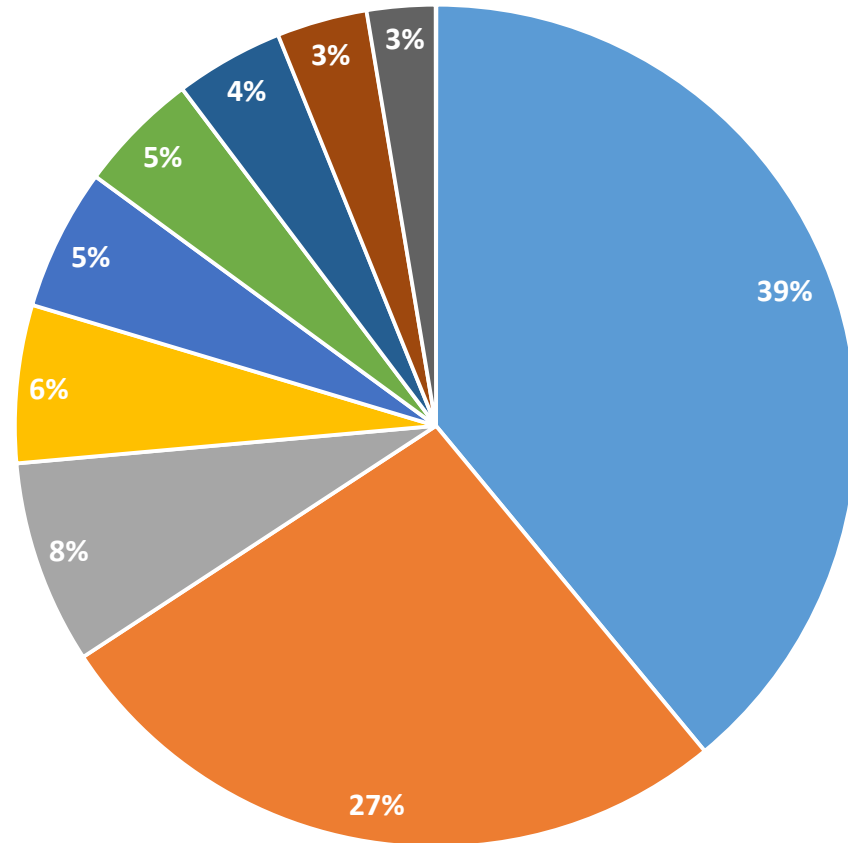
Readership by State July 2017 – June 2018



Top 10 States	
California	27,796
Nevada	17,684
Texas	16,125
Missouri	13,658
Washington	13,416
Virginia	12,811
New York	11,446
Illinois	9,361
New Jersey	8,561
Florida	6,957

This geographic visualization shows the distribution of downloads within the United States.

Regional Readership Distribution July 2017 – June 2018

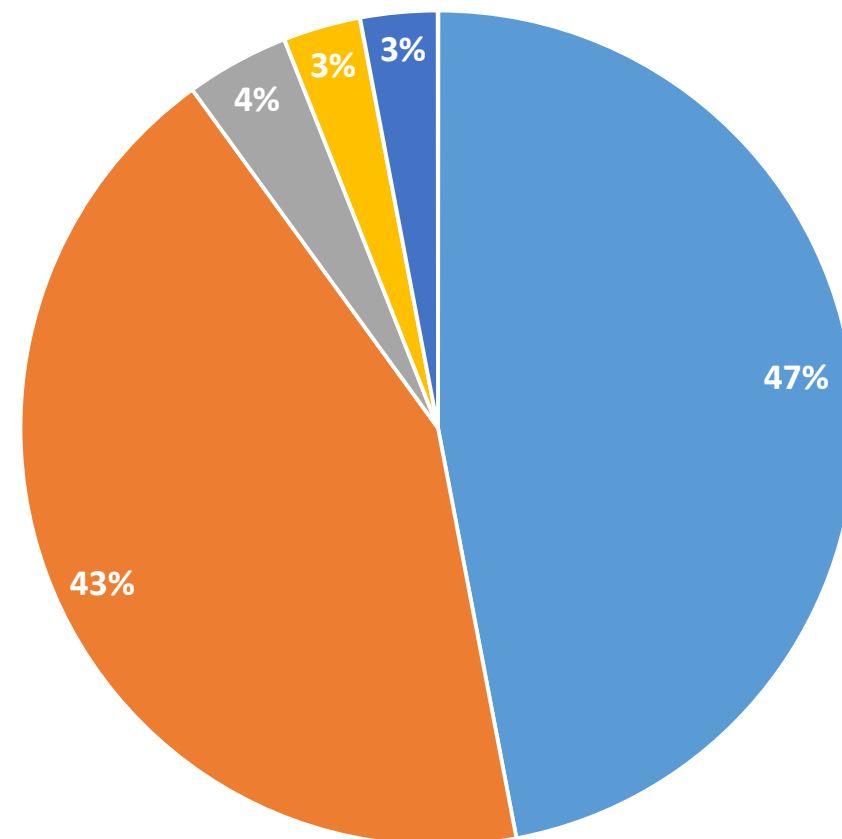


Local Region	
Missouri	13,658
Illinois	9,361
Tennessee	2,731
Oklahoma	2,122
Kansas	1,902
Kentucky	1,632
Iowa	1,457
Arkansas	1,217
Nebraska	921

■ Missouri ■ Illinois ■ Tennessee ■ Oklahoma ■ Kansas ■ Kentucky ■ Iowa ■ Arkansas ■ Nebraska

Readership Distribution by Type July 2017 – June 2018

Top 10 Institutions		
Missouri University of Science and Technology	Education	7,145
Fundacao Para a Ciencia e a Tecnologia I.P. (Lisbon, Portugal)	Government	1,069
Headquarters USAISC (Fort Huachuca, Arizona)	Military	1,061
Taiwan Academic Network	Education	1,059
Institute for Research in Fundamental Sciences (Tehran, Iran)	Education	810
Consortium GARR (Italian National Computer Network for Universities and Research, Rome, Italy)	Education	763
MOEC (Cyprus Ministry of Education and Culture, Nicosia, Cyprus)	Government	699
Indian Institute of Technology (Kharagpur, India)	Education	693
Imperial College London	Education	681
University of Illinois	Education	641



■ Education

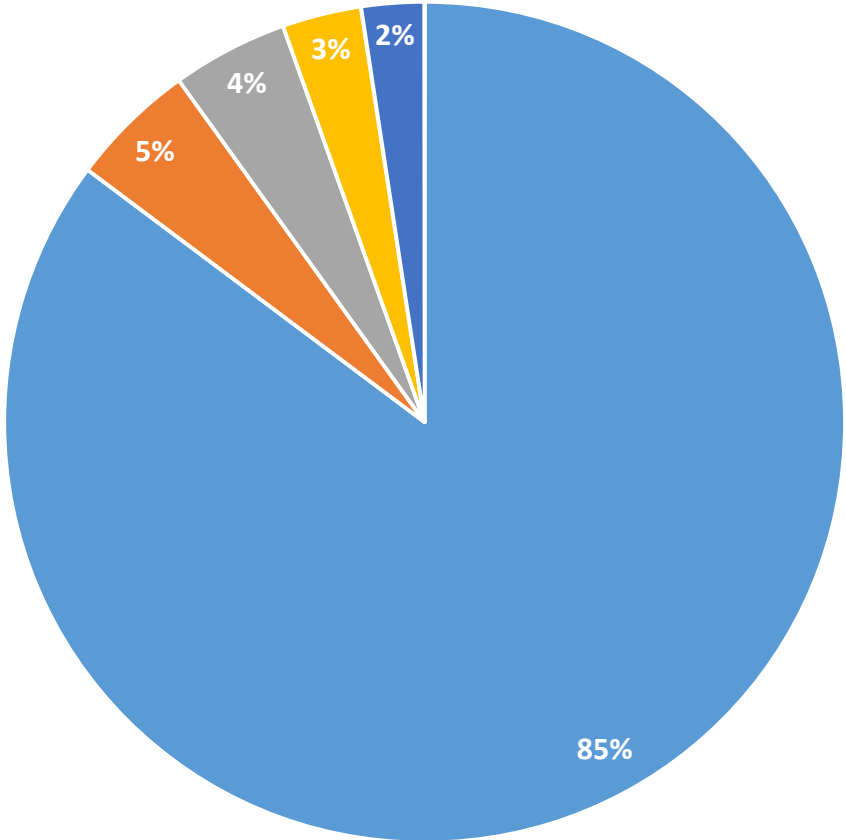
■ Commercial

■ Government

■ Organizations

■ Other

Search Engine Referrals July 2017 – June 2018

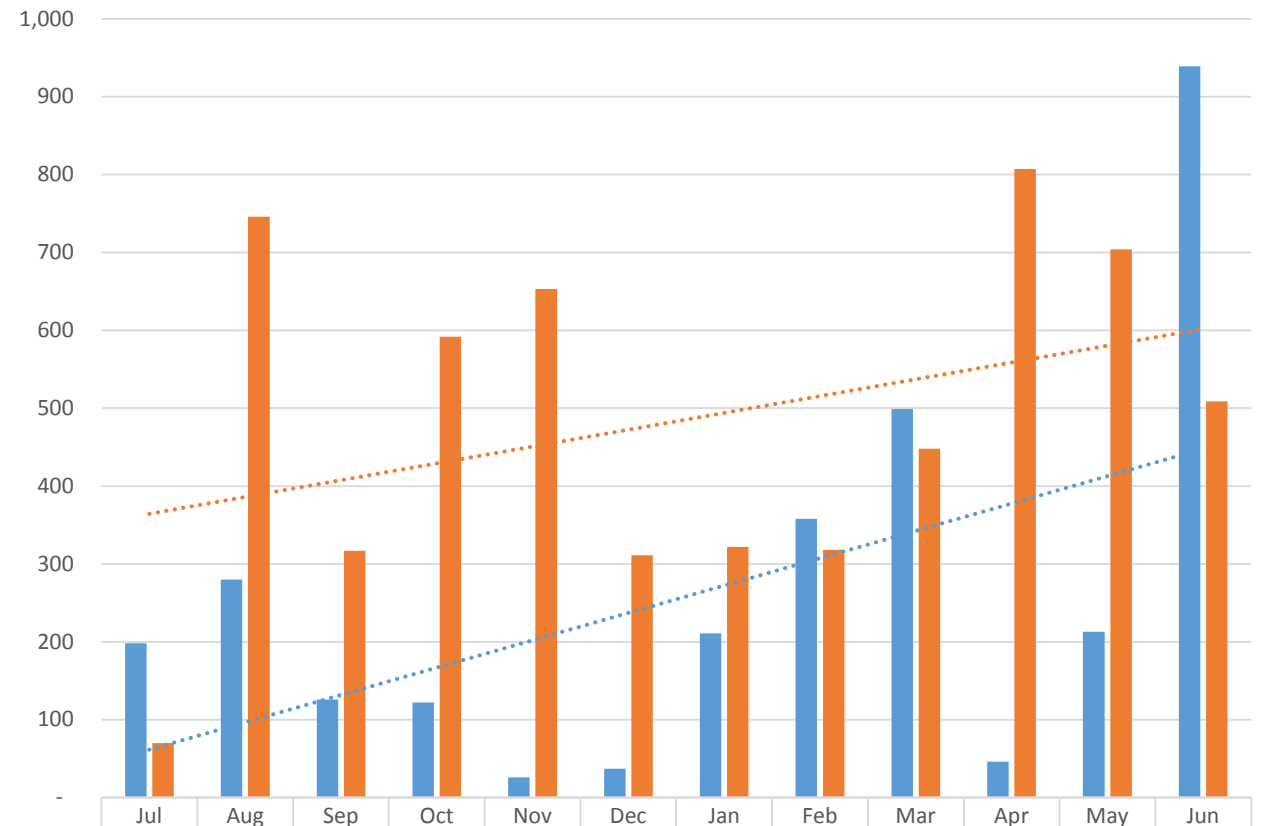


■ Google ■ Scholars' Mine ■ Other ■ Google Scholar ■ Bing

Productivity July 2017 – June 2018

Works Added July 2017 - June 2018 by Type	
Books	13
Thesis and Dissertations	242
Conference Proceedings and Presentations	1,075
Images	178
Original Articles Published in Scholars' Mine	54
Journal Articles and Other Scholarly Works	4,235

90% Increase



Works Posted July 16 - June 17	198	280	126	122	26	37	211	358	499	46	213	939
Works Posted July 17 - June 18	70	746	317	592	653	311	322	318	448	807	704	509
Total Works Added for July 2016 – June 2017										3,055		
Total Works Added for July 2017 – June 2018										5,797		

Works added are a measure of productivity and represent the total number of works added to Scholars' Mine for the reporting periods.

Top 10 Downloaded Works July 2017 – June 2018

Citation	Type	Downloads
Porter, Max L. and Ekberg, C. E. Jr., "Design Recommendations for Steel Deck Floor Slabs" (1975). International Specialty Conference on Cold-Formed Steel Structures. 8. http://scholarsmine.mst.edu/isccss/3iccfss/3iccfss-session3/8/	Article - Conference proceedings	9,000
Rack Manufacturers Institute, "Specification for the Design, Testing, and Utilization of Industrial Steel Storage Racks" (2012). Rack Manufacturers Institute. 2. http://scholarsmine.mst.edu/ccfss-rmi/2	Report - Technical	7,906
American Iron and Steel Institute, "AISI Manual Cold-Formed Steel Design 2002 Edition" (2003). AISI-Specifications for the Design of Cold-Formed Steel Structural Members. 130. http://scholarsmine.mst.edu/ccfss-aisi-spec/130	Report - Technical	7,120
Wada, Akira, "Skin Friction and Pile Design" (2004). International Conference on Case Histories in Geotechnical Engineering. 14. http://scholarsmine.mst.edu/icchge/5icchge/session01/14	Article - Conference proceedings	6,619
Carril, Jeffrey L.; LaBoube, Roger A.; and Yu, Wei-wen, "Tensile and bearing capacities of bolted connections" (1994). Center for Cold-Formed Steel Structures Library. 46. http://scholarsmine.mst.edu/ccfss-library/46	Report - Technical	5,403
Schaefer, Rodney A., "Calculations of maximum sag of a transmission line with an ice load on one span" (1950). Masters Theses. 6674. http://scholarsmine.mst.edu/masters_theses/6674	Thesis - Open Access	5,033
Broms, Bengt B., "Design and Construction of Anchored and Struttled Sheet Pile Walls in Soft Clay" (1988). International Conference on Case Histories in Geotechnical Engineering. 20. http://scholarsmine.mst.edu/icchge/2icchge/2icchge-session6/20	Article - Conference proceedings	4,419
McCabe, Thomas J., "Design Example on Composite Steel Deck Floor Slabs" (1975). International Specialty Conference on Cold-Formed Steel Structures. 10. http://scholarsmine.mst.edu/isccss/3iccfss/3iccfss-session3/10	Article - Conference proceedings	3,528
Bradford, Bruce Harold, "Fluid flow in pipes of rectangular cross sections" (1966). Masters Theses. 2964. http://scholarsmine.mst.edu/masters_theses/2964	Thesis - Open Access	3,496
Suroor, Hadi; Galagoda, Mahi; and McGhee, Chris, "Design and Construction of Circular Secant Pile Walls in Soft Clays" (2008). International Conference on Case Histories in Geotechnical Engineering. 10. http://scholarsmine.mst.edu/icchge/6icchge/session05/10	Article - Conference proceedings	3,484