

PUBLICATION IMPACTS

BIBLIOMETRICS & ALTMETRICS

OEIE conducted an assessment of Soil to Society's cumulative scholarly publications from project years 1 to 5 by applying bibliometric and altmetric analyses. Of the 19 project publications, bibliometric and altmetric data were found for 17 (89.5%) publications. The bibliometric results, presented below, provide insights into authors who have cited project publications, including the number of citing authors and their locations and which journals they are citing project research in. Bibliometrics also provides a standardized score called a Field-Weighted Citation Index (FWCI) score that indicates the impact of an article in comparison with others in its field. Following are the altmetric results with insights into the attention articles have garnered from online platforms other than journals, such as Mendeley, social media, blogs, and news sources.

OVERALL

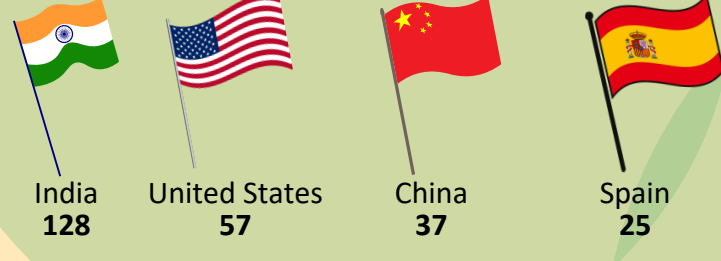
76 citations were generated from 17 of 19 project publications (90%).

71% or 54 of the 76 citations were not self-citations.

GLOBAL

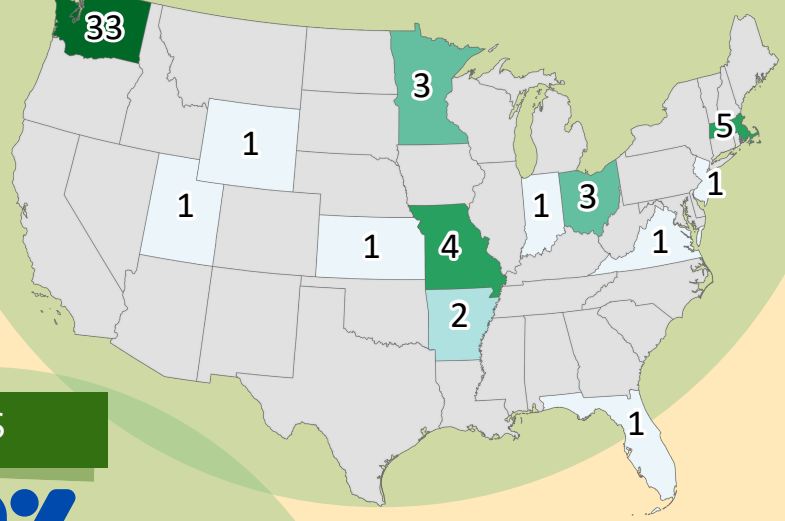
Authors from 33 different countries across 6 different continents cited S2S project publications.

The top citing countries included:



REGIONAL

Publications were cited by authors from 13 different states spanning the contiguous US. Outside of Washington, citing authors most frequently hailed from Massachusetts (5), Missouri (4), Minnesota (3), and Ohio (3).



FWCI stands for "Field-Weighted Citation Index", which is a standardized unit of expected citations for a given article in its field. An FWCI score greater than 1.0 indicates the article has received greater citations than expected.

THE SPECIFICS

40%



of project papers that had an active DOI returned an FWCI score greater than 1.0.

69%

of project papers retrieved an SciVal citation percentiles in the 90th percentile

SciVal is an Elsevier-owned analytical tool providing metrics on research performance, benchmarks and trends. Higher percentiles indicate these publications have an unusually high impact within their topic.

Five publications contributed to the body of knowledge supporting the United Nations (UN) Sustainable Development Goals (SDG): Zero Hunger, Decent Work, Economic Growth, and Climate Action



Top 6 Journal Research Categories in Which Articles Have Been Cited In

- Agricultural and Biological Sciences
- Biochemistry, Genetics, and Molecular Biology
- Environmental Sciences
- Medicine
- Nursing
- Social Sciences

Online Attention



One publication was engaged by 13 different Facebook users

Articles have been read 227 times on Mendeley



Five articles have been blogged

Seven publications have been the subject of 43 news stories

