



2 Zero hunger

2015-2019 Output, Impact, Collaboration

Research supporting SDG2 has grown since 2015, with a compound annual growth rate of 9.6% compared to nearly 3.5% for research in all fields.

The US produces the most research supporting SDG2, followed by the China, India, UK and Brazil. Seven of the 10 most prolific locations are high income locations (accounting for more than 26,000 publications); two are upper-middle income locations (China and Brazil) and one is a lower-middle income location (India). Two low income locations featured in the top 50: Ethiopia (1,065 publications) and Tanzania (501 publications).

The top five locations for which research on SDG2 represents the largest share of their research portfolio are Niger, Mali, Zimbabwe, Kenya, and Burkina Faso.

International collaboration yielded 11% of research on SDG2. High income locations collaborated with low income locations on 7% of their total SDG2 research, while 60% of the related output from low income locations came from collaboration with high income locations.

As a measure of academic impact measured by citation, the field weighted citation impact (FWCI) for SDG2 research was above average every year, with an average of 1.14 over the period.

93,390

Publications in period

9.6%

Compound Annual Growth Rate in the period

55.1%

Publications from high-income locations

1.3%

Academic corporate collaboration

2.0%

Publications from low-income locations

1.14

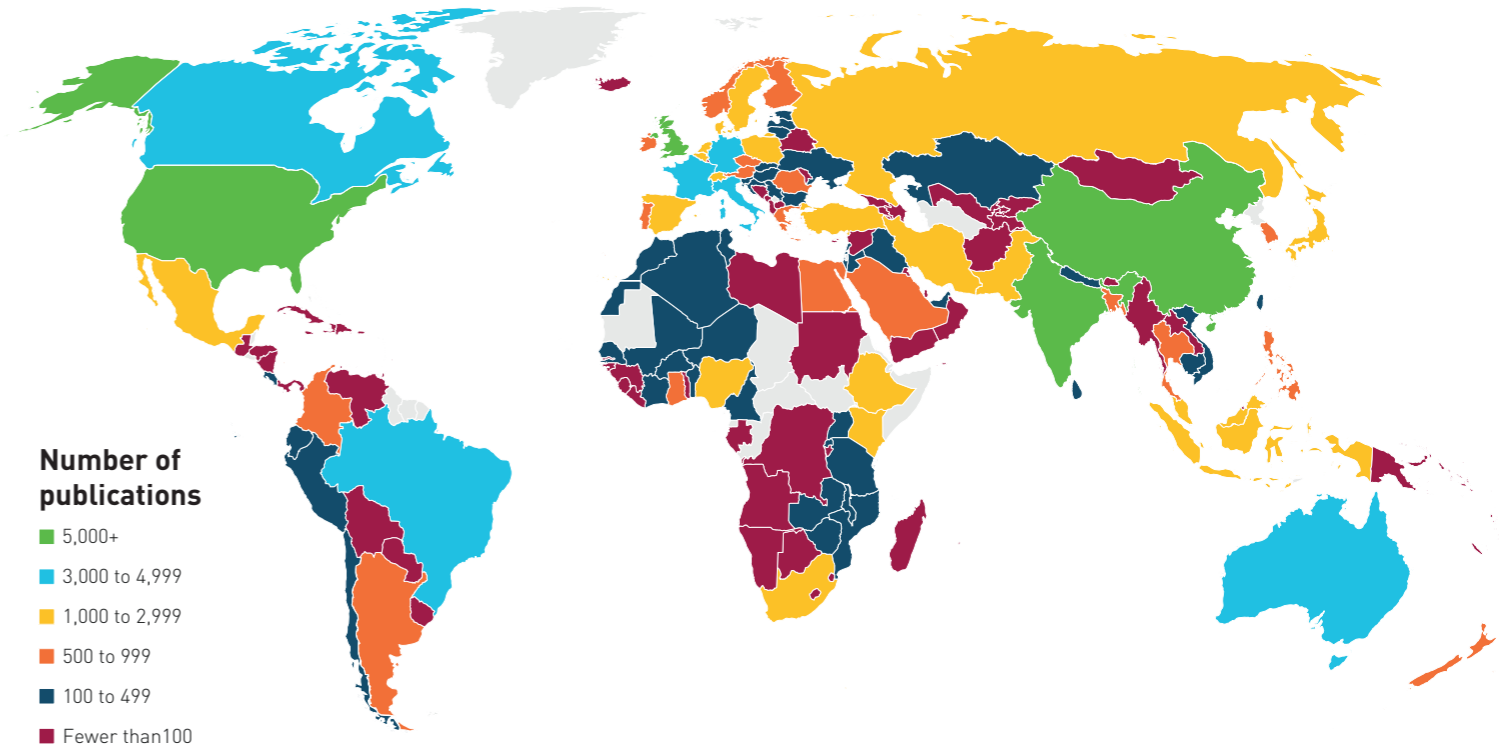
Field-Weighted Citation Impact

11.2%

Publications with international collaboration

What is FWCI?

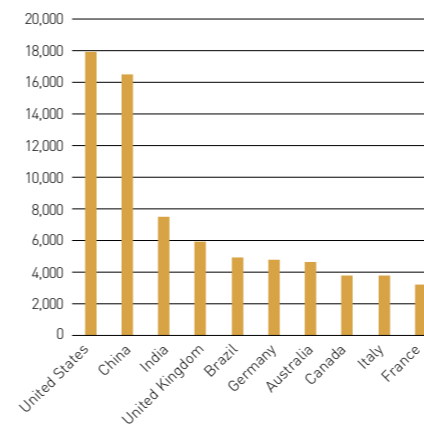
Field-weighted citation impact is an indicator of scholarly impact based on the number of times the publication was cited in other research. An FWCI of above 1.0 indicates the impact is above the normalised average



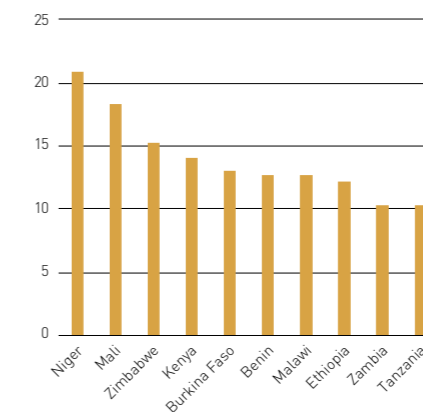
Key themes in SDG2 Research



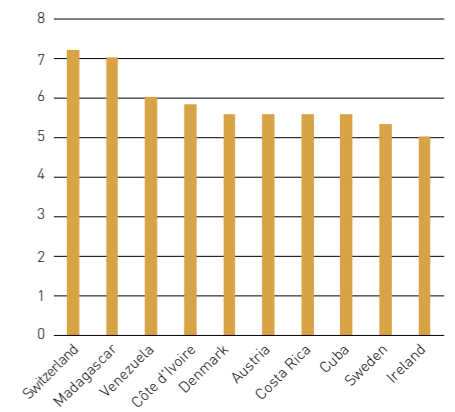
Top 10 locations by publication



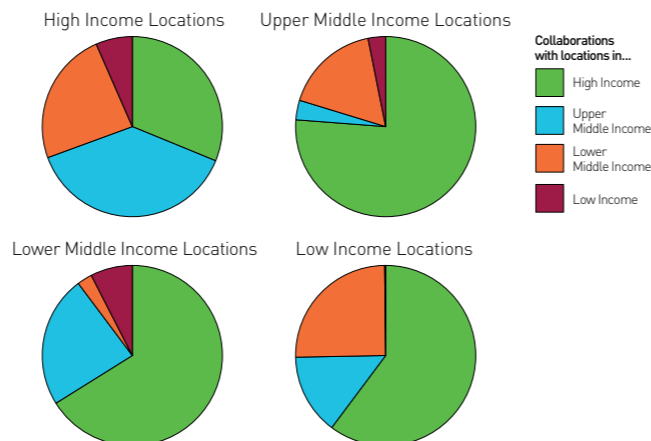
Top 10 locations by RAI *(Relative Activity Index)



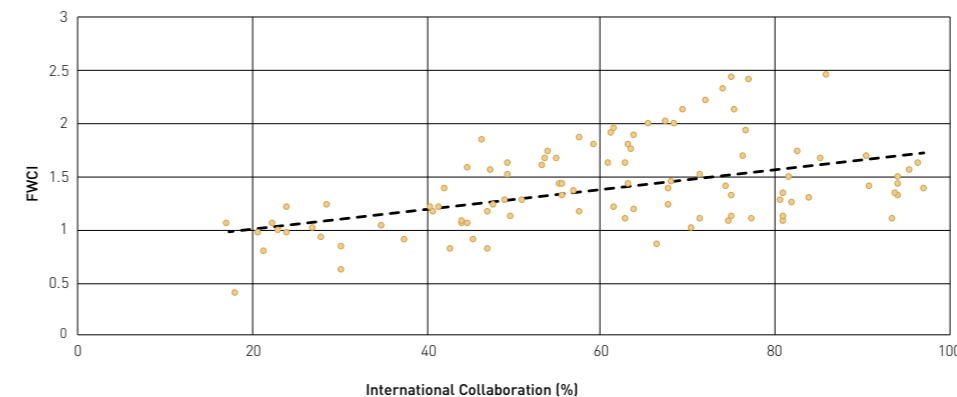
Volume of publications supporting SDG2



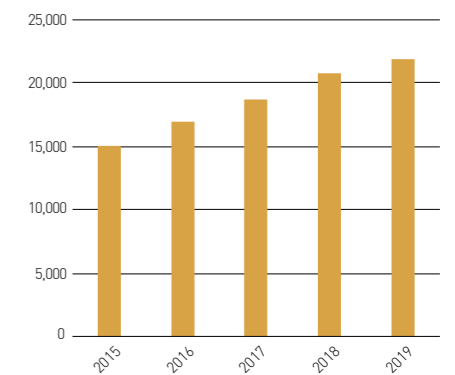
International collaboration between income groups by location



International collaboration and research impact



Top 10 locations for corporate-academic collaboration



RELX
SDG Resource Centre



This analysis builds on Elsevier's Sustainability Science in a Global Landscape report, which was released in 2015 to coincide with the launch of the SDGs. See a 2017 update on key findings on the RELX SDG Resource Centre. Help us to provide insight into SDG research. Click here to review the research

See the methodology and definitions

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