

14

Life below water

2015-2019 Output, Impact, Collaboration

Research supporting SDG14 has grown since 2015, with a compound annual growth rate of 5.1% compared to nearly 3.5% for research in all fields.

The US produces the most research supporting SDG14, followed by China the United Kingdom, Australia and Germany. Eight of the 10 most prolific locations are high income locations (accounting for more than 71,600 publications); one is an upper-middle income location (China) and one is a lower-middle income location (India). No low income locations featured in the top 50.

The top five locations for which research on SDG14 represents the largest share of their research portfolio are New Caledonia, Norway, Iceland, Philippines and New Zealand.

International collaboration yielded 32% of research on SDG14. High income locations collaborated with low income locations on 1% of their total SDG14 research, while nearly 53% 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 SDG14 research was above average every year, with an average of 1.1 over the period.

 **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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104,532

Publications in period

5.1%

Compound Annual Growth Rate in the period

71.3%

Publications from high-income locations

3.5%

Academic corporate collaboration

0.04%

Publications from low-income locations

1.1

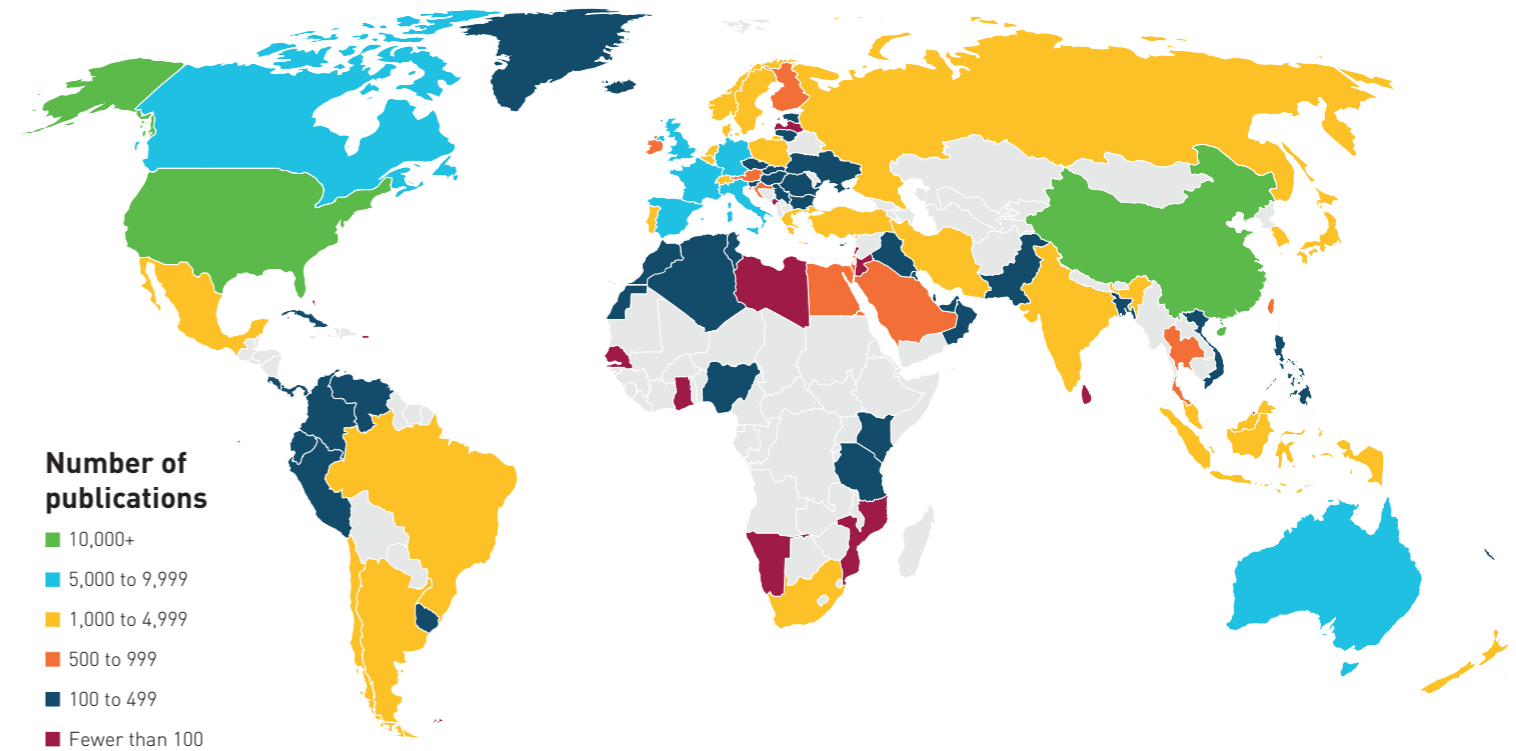
Field-Weighted Citation Impact

31.7%

Publications with international collaboration

What is FWCI?

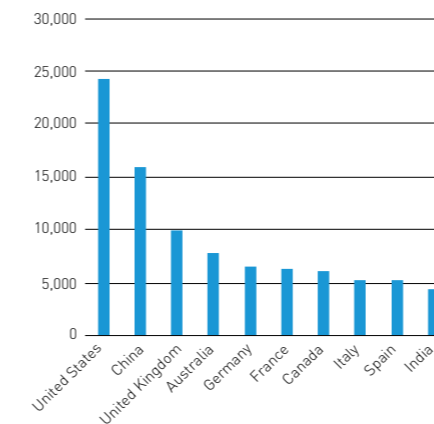
Field-weighted citation impact is an indicator of scholarly impact based on the number of times the publication was cited in other research. An FWCI of above 1.0 indicates the impact is above the normalised average



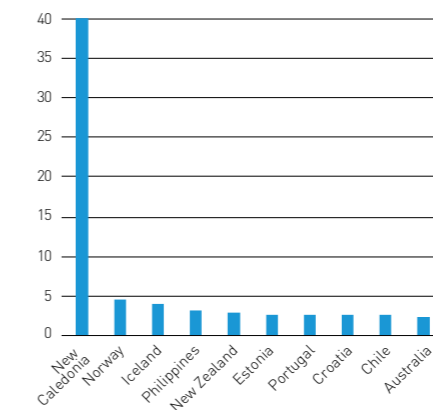
Key themes in SDG14 Research



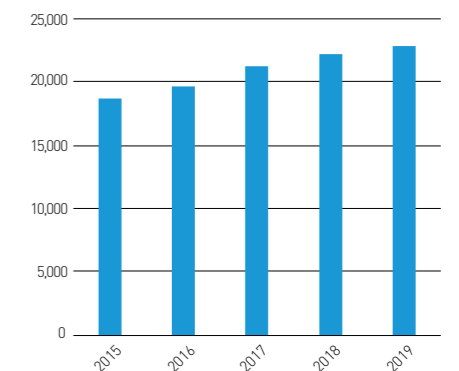
Top 10 locations by publication



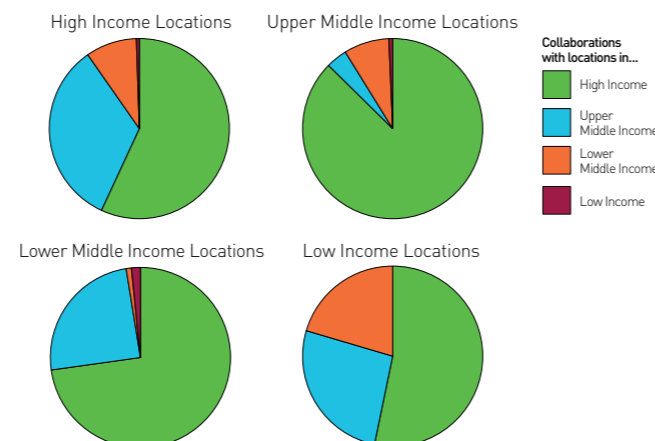
Top 10 locations by RAI *(Relative Activity Index)



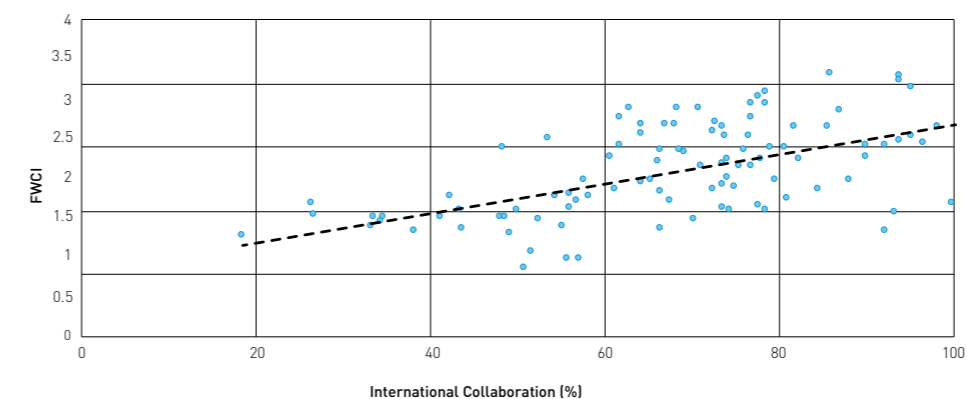
Volume of publications supporting SDG14



International collaboration between income groups by location



International collaboration and research impact



*Relative Activity Index is a measure of the proportion of the country's research output in the subject, relative to the proportion seen globally

Top 10 locations for corporate-academic collaboration

