Clean water and sanitation
2015–2019
Output, Impact, Collaboration

Research supporting SDG6 has grown since 2015, with a compound annual growth rate of 8.1% compared to nearly 3.5% for research in all fields.

China produces the most research supporting SDG6, followed by the US, India, the United Kingdom and Australia. Seven of the 10 most prolific locations are high-income locations (accounting for more than 22,700 publications), two are upper-middle income locations (China and Brazil) 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 SDG6 represents the largest share of their research portfolio are Tanzania, Ethiopia, Nepal, Kenya and Sri Lanka.

International collaboration yielded 29% of research on SDG6. High income locations collaborated with low income locations on 3% of their total SDG6 research, while nearly 63% 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 SDG6 research was above average every year, with an average of 1.31 over the period.

Key themes in SDG6 Research

- **groundwater**
- **water treatment**
- **water supply**
- **water quality**
- **water resource management**
- **water footprint**
- **water pollution**
- **water conservation**
- **water-related diseases**
- **water balance**

Top 10 locations by publication

- **46,074**
  - Publications in period
- **58.8%**
  - Publications from high-income locations
- **0.7%**
  - Publications from low-income locations
- **28.6%**
  - Publications with international collaboration

Top 10 countries by RAI *(Relative Activity Index)*

- **China**
- **United States**
- **United Kingdom**
- **Germany**
- **Australia**
- **Spain**
- **Brazil**
- **Canada**
- **Italy**
- **India**

Volume of publications supporting SDG6

- **2,000 to 8,999**
- **1,000 to 1,999**
- **500 to 999**
- **100 to 499**
- **Fewer than 100**

International collaboration between income groups by location

- **8.1%**
  - Compound Annual Growth Rate in the period
- **2.2%**
  - Academic corporate collaboration

Top 10 locations for corporate-academic collaboration

- **1.31**
  - Field-Weighted Citation Impact

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.

**What is FWCI?**

- For high-income locations, the relative proportion of the country’s research output in the subject, relative to the proportion seen globally.