

Photo: James Cook University

Australia-India research collaboration

Over the last decade, research collaboration between Australia and India has grown faster than collaboration between Australia and any of its other major international partners.

In 2023, India was in the top ten partner countries for Australia in international research, with joint publications growing 470% since 2013. This is compared to 345% for Australia's collaboration with China and 180% for the USA and 190% for the UK.

The quality of this collaborative research is very high – in almost all fields, the citation rate for joint Australia–India publications is higher than the Australian and Indian averages.

Researchers in both countries are getting a boost in quality and impact from collaborating.

The top ten fields for Australia–India research collaboration over the last decade are:

- 1. Health and medicine
- 2. Computer science
- 3. Materials science
- 4. Biology
- 5. Chemistry
- 6. Environmental science
- 7. Physics
- 8. Business
- 9. Psychology
- 10. Geology.

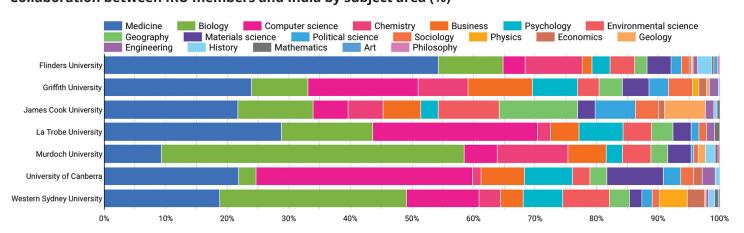
Currently only 3% of collaborative research publications between Australia and India include industry partners.

Collaboration between the Innovative Research Universities (IRU) and India

Collaboration between IRU member universities and Indian partners has grown five-fold in recent years.

Individual universities have different strengths in their collaboration with Indian partners:

Collaboration between IRU members and India by subject area (%)



Mapping Australia-India research collaboration against the UN Sustainable Development Goals (SDGs)

All IRU member universities have committed to the UN Sustainable Development Goals and our universities have particular areas of strength relating to the SDGs. Mapping collaboration with India against the SDGs shows how our joint research is delivering impact in areas of global priority.

SUSTAINABLE GODEVELOPMENT























Research undertaken by IRU member universities contributes to all of the SDGs. However, the average of total research outputs across the IRU is greater than the Australian and global averages in the following areas:

SDG 1: No poverty

SDG 4: Quality education

SDG 5: Gender equality

Decent work and economic growth SDG 8:

SDG 10: Reduced inequalities

SDG 13: Climate action

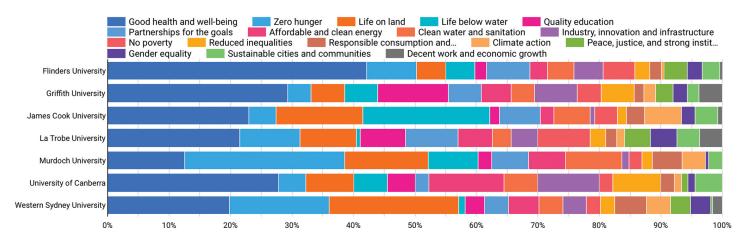
SDG 14: Life below water

SDG 15: Life on land

SDG 16: Peace, justice and strong institutions

SDG 17: Partnerships for the goals.

Collaboration between IRU members and India by SDG (%)

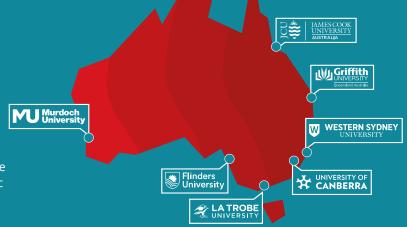


About the IRU

The Innovative Research Universities (IRU) is a network of seven public research universities across Australia, committed to inclusive education that expands access and opportunity, and research with impact that advances our communities.

Source data

Developed in collaboration between the Innovative Research Universities (IRU) and the Curtin Open Knowledge Initiative (COKI) using open-source data from the Academic Observatory Workflows.





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