

Key Findings

ASEAN



2.2%
of world papers 2009-2013



13.7%
annual output growth
2009-2013 CAGR



1.19
Field-Weighted Citation
Impact (19% above
world average)



0.5%
annual FWCI growth

Energy shows the highest relative impact (63% above world average) and is a particularly vibrant area that also displays high output and high growth

Malaysia



Over
23,000
papers in 2013



0.68% of
world citations
in 2013



Citation impact
6% above
world average
in 2013

Malaysia displays high and growing activity and impact in Engineering and Energy, but high activity and average or low impact in Business, Management & Accounting and Economics, Econometrics & Finance

Thailand



Over
11,300
papers in 2013



0.42% of
world citations
in 2013



Citation impact
2% below
world average
in 2013

Thailand has high activity but low impact in Agricultural & Biological Sciences, Immunology & Microbiology, and Veterinary Sciences

Indonesia



Nearly
4,500
papers in 2013



0.19% of
world citations
in 2013



Citation impact
18% below
world average
in 2013

Indonesia sees high activity but low impact in Agricultural & Biological Sciences, Business, Management & Accounting, and Computer Sciences

Vietnam



Over
3,300
papers in 2013



0.14% of
world citations
in 2013



Citation impact
on par with
world average
in 2013

Vietnam presents high activity but average or low impact in Mathematics, Computer Sciences, Agricultural & Biological Sciences, Immunology & Microbiology

Philippines



Over
1,500
papers in 2013



0.07% of
world citations
in 2013



Citation impact
11% above
world average
in 2013

Philippines has high activity and impact in Environmental Sciences and Agricultural & Biological Sciences, but high activity and low impact in Veterinary Sciences and Economics, Econometrics & Finance