

TABLE SSA-9

S&E articles in geosciences, atmospheric, and ocean sciences, by region, country, or economy: 2000–18

(Number)

Region, country, or economy	Economies by income status	2000		2001		2002		2003		2004		2005		2006		2007		2008		2009		2010		2011		2012		2013		2014		2015		2016		2017		2018	
		Fractional count	Whole count	Fractional count	Whole count	Fractional count	Whole count	Fractional count	Whole count	Fractional count	Whole count	Fractional count	Whole count	Fractional count	Whole count	Fractional count	Whole count	Fractional count	Whole count	Fractional count	Whole count	Fractional count	Whole count	Fractional count	Whole count	Fractional count	Whole count	Fractional count	Whole count	Fractional count	Whole count	Fractional count	Whole count	Fractional count	Whole count	Fractional count	Whole count		
Marshall Islands	Upper-middle	0.13	1	0.00	0	0.00	0	1.00	1	0.00	0	0.00	0	0.56	4	0.00	0	0.44	1	0.33	1	1.00	1	0.00	0	1.25	2	0.00	0	0.09	2	0.00	0	0.00	0	0.00	0	0.00	0
Micronesia, Federated States of	Lower-middle	0.00	0	0.67	1	0.00	0	1.00	2	0.73	2	0.83	2	0.26	2	2.64	4	2.08	4	1.00	3	3.00	3	2.50	3	1.33	2	1.60	2	2.00	2	0.65	2	1.27	4	1.10	2		
Nauru	Upper-middle	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.67	1	0.00	0	0.00	0	0.00	0	0.00	0	0.04	1	0.00	0	0.00	0	0.00	0	0.00	0
New Zealand	High	342.10	448	388.83	489	365.15	498	369.31	525	358.27	545	392.33	620	385.11	646	429.35	699	390.26	656	450.64	705	465.11	807	497.32	833	487.81	855	468.06	854	522.65	917	550.76	958	502.80	922	497.08	930	467.48	906
Niue	na	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.11	1	0.22	1		
Palau	High	0.00	0	2.17	3	0.00	0	0.46	2	1.00	2	2.28	6	0.36	2	2.22	4	2.38	3	0.75	2	0.00	0	0.60	2	1.06	3	1.18	5	2.38	8	1.59	6	1.63	6	1.91	7	3.95	10
Samoa	Upper-middle	0.00	0	0.37	2	1.00	1	0.50	1	0.00	0	0.76	4	0.06	1	0.00	0	0.13	1	0.17	1	0.58	2	1.10	3	0.58	3	0.90	3	0.49	5	0.25	1	0.21	2	0.18	2	0.69	4
Solomon Islands	Lower-middle	1.47	4	0.62	3	0.00	0	2.24	4	0.67	2	1.72	6	2.82	6	0.83	3	0.80	3	0.41	2	1.12	5	0.14	1	0.62	3	0.17	3	0.44	3	0.37	3	0.22	2	0.28	2		
Tonga	Upper-middle	0.08	1	0.00	0	0.00	0	0.31	2	0.00	0	0.20	1	0.15	2	0.43	1	0.00	0	0.14	1	0.13	1	0.57	1	0.00	0	0.09	2	0.20	1	0.25	1	0.71	3	0.25	1		
Tuvalu	Upper-middle	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.33	1	0.75	4	0.00	0	0.20	1	0.25	1	0.00	0
Vanuatu	Lower-middle	1.32	5	0.17	1	0.00	0	0.00	0	0.50	1	1.68	4	0.83	3	0.00	0	0.44	3	1.10	7	0.94	3	0.82	4	1.66	6	0.88	5	0.99	4	1.01	6	1.73	10	2.04	8	0.99	4
Unassigned	na	161.19	388	124.61	308	173.88	407	177.90	415	221.87	580	378.76	991	446.94	1,067	479.21	1,165	427.02	1,033	275.37	648	103.95	276	87.37	251	88.42	257	125.61	310	80.48	236	42.19	137	54.58	196	63.47	229	60.08	237

na = not applicable; country data do not exist.

EU = European Union.

^a Beginning in 2006, Serbia and Montenegro represented individual countries.^b Serbia and Montenegro represented a single country for data purposes from 1992 to 2006. Its economic status is that of 2005.^c West Bank and Gaza Strip are separate entities in this list, but are grouped in the World Bank Lending Groups classification list. Here, the economic status of the group is applied to both individual regions.**Note(s)**

Article counts refer to publications from selected journals and conference papers in S&E from Scopus. Articles are classified by their year of publication and are assigned to a region, country, or economy on the basis of the institutional address(es) of author(s) listed in the article. Articles are credited either on a fractional- or whole-count basis. Fractional counts of articles are those produced by authors from different countries, where each country receives fractional credit on the basis of the proportion of its participating authors. For the fractional-count basis, the sum of the regions, countries, or economies may not add to the world total because of rounding. In whole counting, each region, country, or economy with a collaborating author on an article is credited with one count. The sum of the whole count for regions, countries, or economies does not add to the world total because of multiple counts of coauthored publications. Some publications have incomplete address information for coauthored publications in the Scopus database. The unassigned category count is the sum of fractional or whole counts for publications that cannot be assigned to a region, country, or economy. For more information on the 2019 World Bank Country and Lending Groups classification of income groups, see <https://datahelpdesk.worldbank.org/knowledgebase/articles/906519-world-bank-country-and-lending-groups>, accessed June 2019.

Source(s)

National Center for Science and Engineering Statistics, National Science Foundation; Science-Matrix; Elsevier, Scopus abstract and citation database, accessed June 2019.