

# **A case study on representing countries in some ICME-13 activities: outcomes, what to do**

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- participated in ICMEs: 10, 11, and 13
- contributed to six ICMI Studies: 12, 14, 15, 16, 18, and 20
- authored/co-authored five chapters in Springer books related to these studies

Country	TSG organizer	Co-chair	Member	Country	TSG organizer	Co-chair	Member
Germany	49	0	49	Philippines	2	1	1
USA	41	28	13	Lebanon	2	1	1
UK	20	9	11	Sweden	2	0	2
Australia	14	8	6	Singapore	2	0	2
Canada	14	8	6	Argentina	2	0	2
Brazil	10	4	6	Chile	2	0	2
France	8	5	3	Botswana	2	0	2
Israel	8	5	3	New Zealand	1	1	0
China	8	5	3	Romania	1	1	0
Italy	7	2	5	Poland	1	1	0
Japan	7	2	5	Malaysia	1	1	0
South Africa	5	4	1	Uruguay	1	1	0
India	5	3	2	Belgium	1	1	0
Cyprus	4	2	2	Finland	1	1	0
Austria	4	2	2	Latvia	1	1	0
Mexico	4	2	2	Pakistan	1	1	0
Spain	3	2	1	Iran	1	0	1
Korea	3	2	1	Ireland	1	0	1
Colombia	3	1	2	Tunisia	1	0	1
Portugal	3	0	3	Algeria	1	0	1
Norway	3	0	3	Peru	1	0	1
Denmark	3	0	3	Hong Kong	1	0	1
Chinese Taipei	2	1	1	Bulgaria	1	0	1
Turkey	2	1	1	Costa Rica	1	0	1
Netherlands	2	1	1	Switzerland	1	0	1
Greece	2	1	1	Thailand	1	0	1
Czech Republic	2	1	1				

41%  
55%  
13 countries  
≈ 200 organizers  
73%

# Digression 1

Country	Documents	Citable documents	Citations	Self-citations	Citations per document	Citations per document (self-citation excluded)
Netherlands	8,565	8,167	119,066	27,361	13.9	10.71
Canada	19,783	18,734	215,952	42,432	10.92	8.77
Israel	4,747	4,614	49,847	10,247	10.5	8.34
Hong Kong	4,339	4,175	42,290	7,383	9.75	8.04
Belgium	3,057	2,926	28,146	5,581	9.21	7.38
Cyprus	935	916	7,501	1,367	8.02	6.56
Finland	3,705	3,595	31,649	7,427	8.54	6.54
New Zealand	5,221	4,950	39,774	6,045	7.62	6.46
Switzerland	2,325	2,161	17,496	2,501	7.53	6.45
Singapore	2,831	2,681	21,549	3,327	7.61	6.44
United Kingdom	44,803	41,500	446,124	157,946	9.96	6.43
Norway	3,111	2,988	24,079	4,394	7.74	6.33
Sweden	4,413	4,264	34,557	8,721	7.83	5.85
Austria	1,435	1,369	9,711	1,372	6.77	5.81
Denmark	1,715	1,619	11,550	1,680	6.73	5.76
Australia	24,462	23,341	196,592	56,131	8.04	5.74
Greece	3,103	3,019	21,258	3,807	6.85	5.62
Ireland	2,519	2,368	16,200	2,331	6.43	5.51
Italy	4,346	4,158	29,691	7,308	6.83	5.15
Hungary	583	562	3,256	374	5.58	4.94
South Korea	3,000	2,939	16,868	2,178	5.62	4.90
Germany	11,676	11,017	80,080	23,519	6.86	4.84
Taiwan	7,126	6,969	50,532	16,275	7.09	4.81
United Arab Emirates	809	770	3,850	392	4.76	4.27
United States	182,796	172,964	1,867,646	1,122,992	10.22	4.07
South Africa	4,242	4,128	23,232	6,951	5.48	3.84
France	6,932	6,650	32,836	7,624	4.74	3.64

Source: Scimago, Social Sciences, Education, 1996–2015; 500+ doc.

**FIFA founded in 1904** (ICMI founded in 1908)

2018 FIFA World Cup Russia / **allocation of slots**

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**32** participants / 207 teams involved

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Africa ... 5 / 53 teams

Asia ... 4.5 / 46

Europe ... **13** + Host / 52

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North, Central America, and Caribbean ... 3.5 / 35

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Oceania ... **0.5** / 11

South America ... **4.5** / 10

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**inter-confederation play-offs:  
winner vs. 5<sup>th</sup> team**

## MASSEE Initiative

**for balanced representation of countries affiliated to ICMI  
in ICMI/ICME related activities**

### **Promote and strengthen regional cooperation**

It seems appropriate to have just about 1/3 participants in these activities appointed by the ICMI related executives. The remaining 2/3 of such participants would be appointed by the representatives of countries affiliated to ICMI. This approach would require to divide the affiliated countries in groups comprising several countries respecting physical or linguistic world regions.

### **Elevate representation at a higher professional level**

To promote appropriate selections, ICMI should issue minimal requirements for candidates. For example, candidates should have a number of internationally recognized publications, primarily journal papers and book chapters.