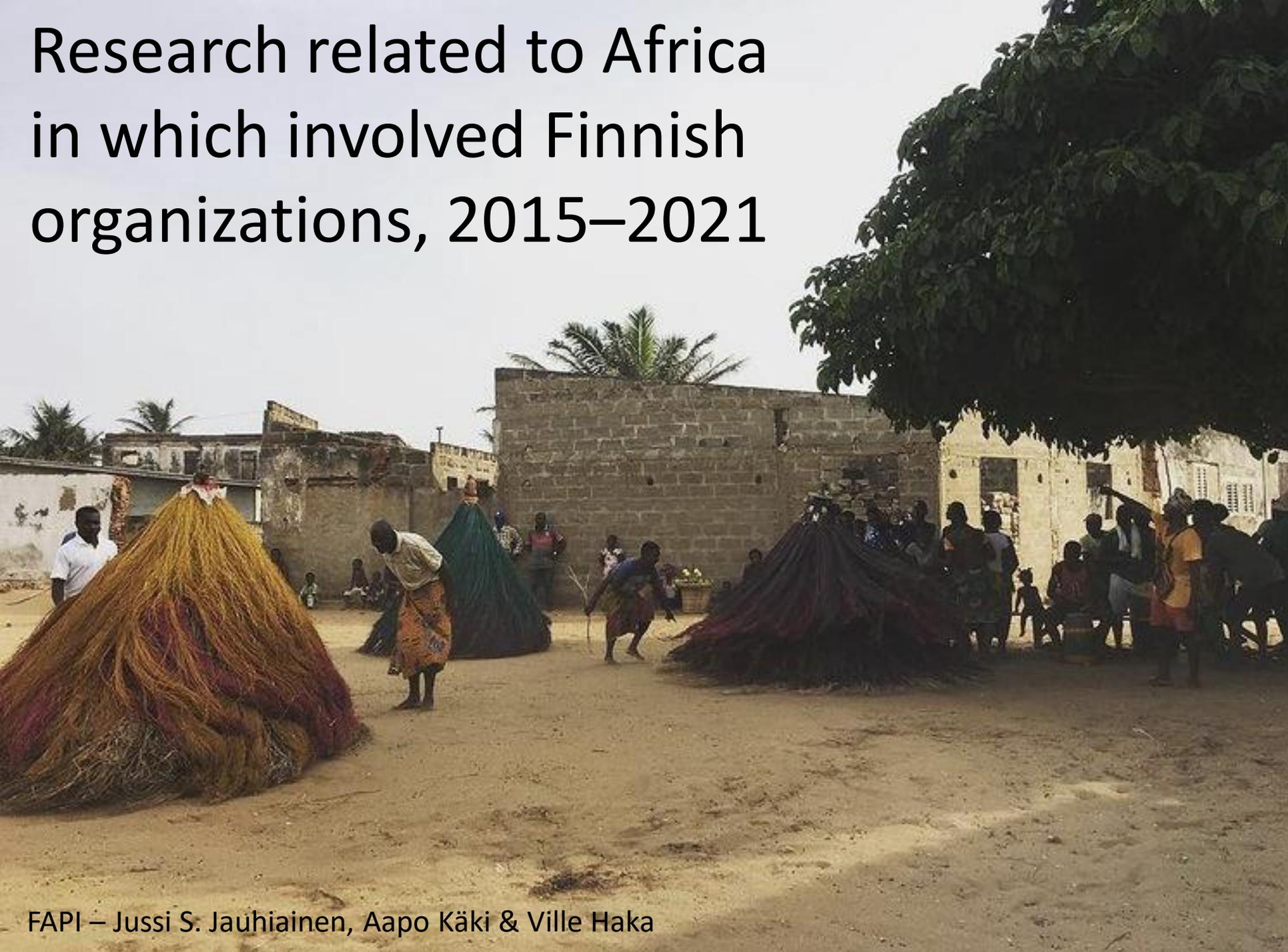


Research related to Africa in which involved Finnish organizations, 2015–2021

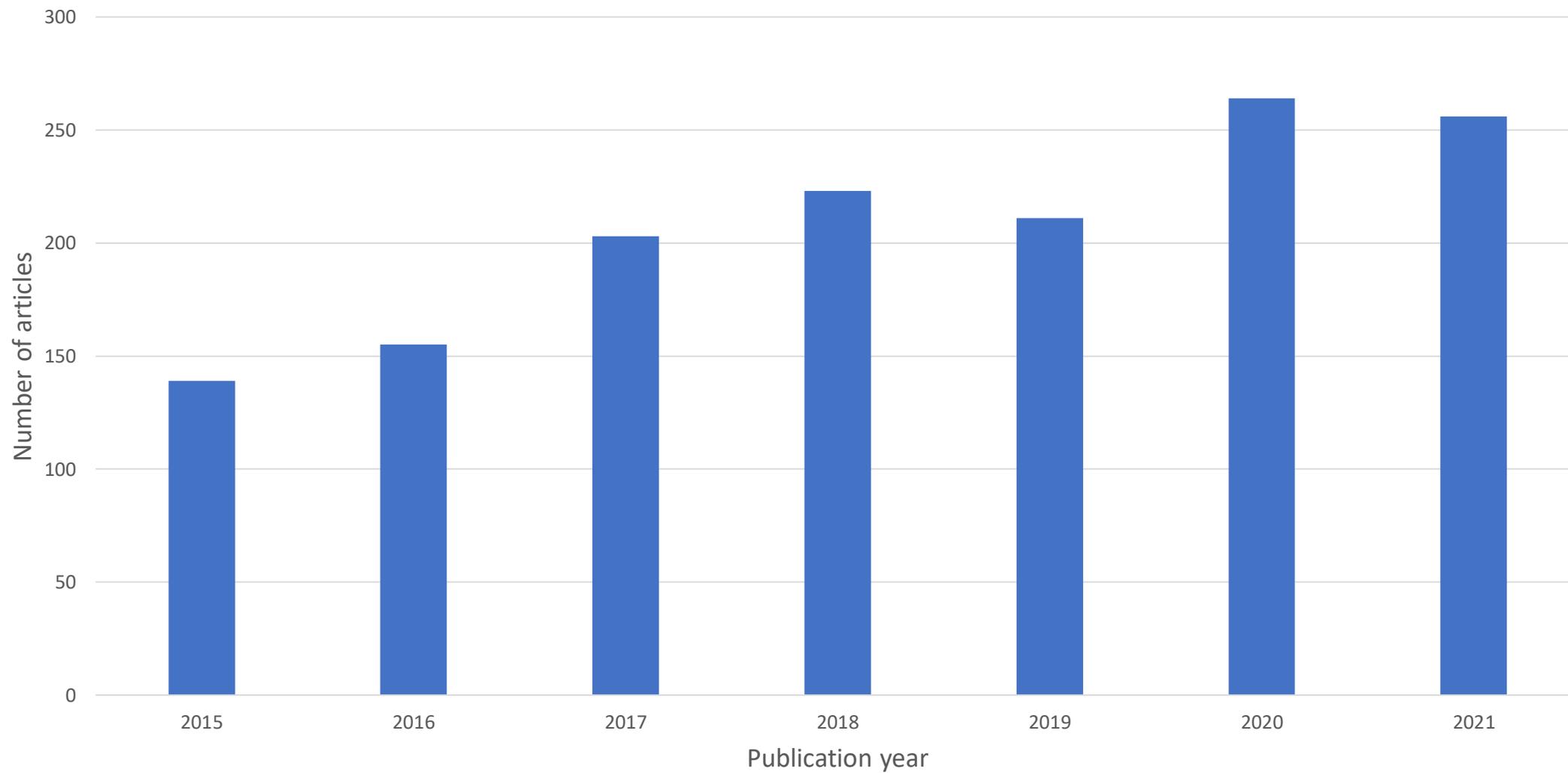


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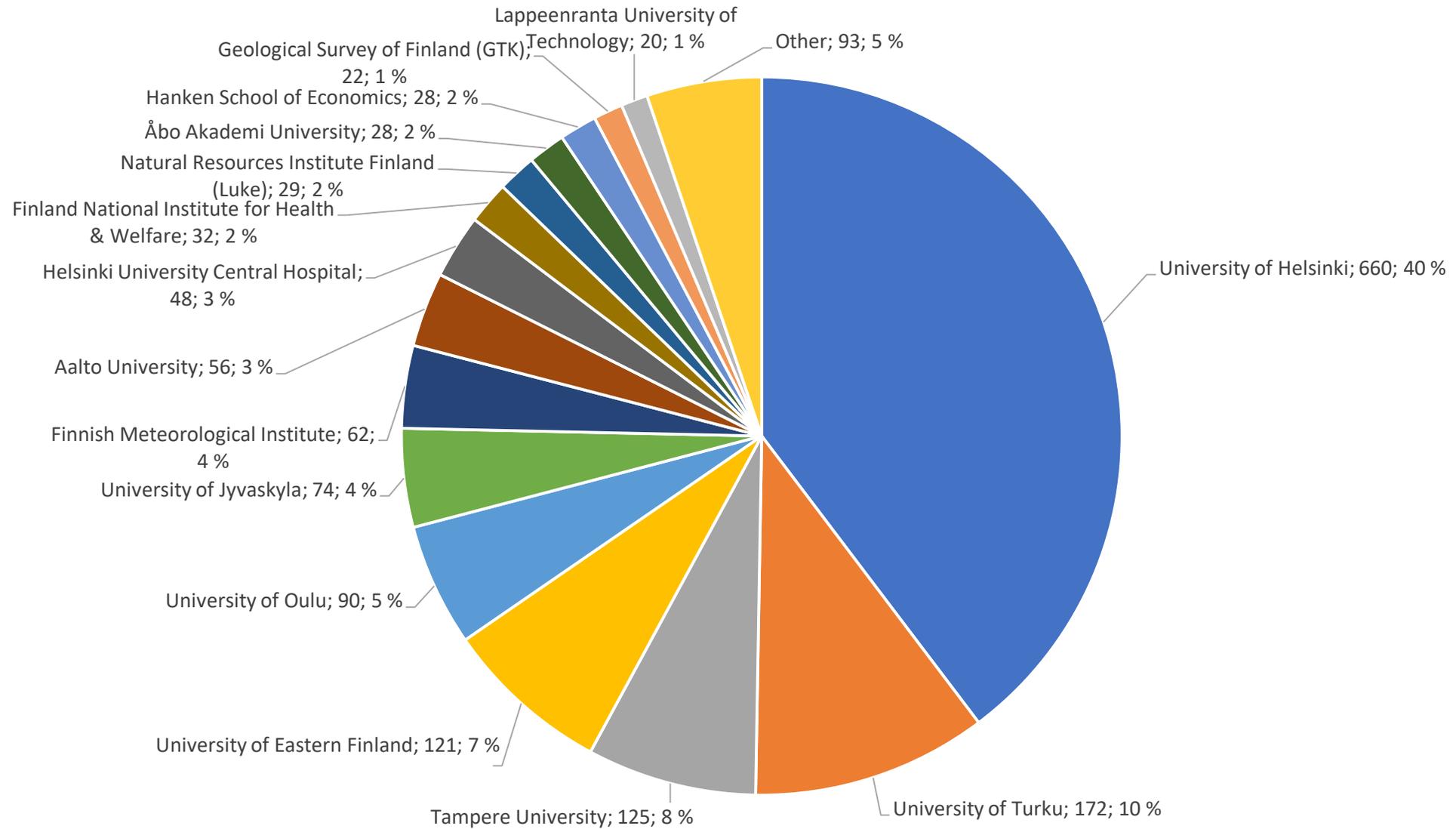
Research related to Africa in which involved a Finnish organization, 2015–2021: Web of Science database

- In 2015–2021, were published annually 130–260 peer-reviewed articles in the Web of Science database consisted of international journals, in which at least one author had a background organization in Finland, in total 1,451 articles.
- The annual number of articles grew.
- Organization from Africa was involved in 4.3% of WoS-articles of organizations in Finland
- Most publications related to Africa were at the University of Helsinki (40%), followed by the University of Turku (10%), Tampere University (8%) and the University of Eastern Finland (7%).
- Some state research institutes and university central hospitals conducted related research.
- Research organizations from South Africa, the United States and the United Kingdom were the most common partners in research targeting Africa.
- The most common research themes were from Science, Economics and Medical Sciences.
- About half of the articles covered the whole Africa. Of countries, most research focused on South Africa and regionally on sub-Saharan Africa.
- Terms “innovation” and “sustainability” rarely appeared in the abstracts of the articles.

Research articles related to Africa in Finland, 2015-2021, N=1451



Africa-related research articles by organizations in Finland, 2015–2021, N=1,451



Organisation	amount
Tampere University Hospital	19
Finnish Environment Institute	11
University of Vaasa	11
Finnish Institute of Occupational Health	9
VTT Technical Research Center Finland	7
University of Lapland	7
Finnish Food Authority	6
Bank of Finland	4
Hyvinkään Sairaala – Hyvinkää Hospital	3
Tampere University of Applied Sciences TAMK	3
Academy of Finland	2
Finnish Geospatial Research Institute (FGI)	2
Finnish Institute of International Affairs	2
Kuopio University Hospital	2
Laurea University of Applied Sciences	2
Finnish Cancer Registry	1
Karelia University of Applied Sciences	1
UKK Institute	1

Other Finnish research organizations (number of articles 93)

- State research organizations and central university hospitals participated in research related to Africa.

Primary research organizations, N=1426

- Multiple organizations were mentioned as primary research organizations.
- The most frequent were the University of Helsinki, followed by the University of Turku, University of Eastern Finland and Tampere University.
- Primary research organizations from abroad were often from South Africa, the United States and the United Kingdom.

Organization	amount
University of Helsinki	235
University of Turku	72
University of Eastern Finland	65
Tampere University	47
University of Jyväskylä	37
Institute for Health Metrics & Evaluation	34
University of Oulu	32
Aalto University	27
North West University - South Africa	20
Finnish Meteorological Institute	13
Harvard University	13
University of Cape Town	12
Åbo Akademi University	12
CGIAR	12
University of London	12
University of California System	11
Other	773

Organization	amount
University of Helsinki	157
University of Washington	30
University of Turku	28
Tampere University	27
University of Oulu	27
University of Eastern Finland	23
Finnish Meteorological Institute	19
University of Jyväskylä	17
University of Cape Town	15
Stellenbosch University	14
Aalto University	14
Makerere University	13
North West University - South Africa	13
Hanken School of Economics	11
University of Oslo	11
Other	794

Secondary research organizations

- The most common secondary research organization in the articles was the University of Helsinki.
- In addition to Finnish organizations, the University of Washington and South African research organizations were frequently represented.

Scientific fields in publications related to Africa in which involved a Finnish organization, 2015–2021

- The most common areas of research are Science, Medical Sciences and Business & Economics.

- Specific fields: Multidisciplinary (in 32% of articles), Clinical Medicine (31%), Business and Economics (26%) and Environment and Ecology (24%).

Research areas	amount
Science & Technology - Other Topics	99
Environmental Sciences & Ecology	62
Business & Economics	56
General & Internal Medicine	51
Public, Environmental & Occupational Health	48
Environmental Sciences & Ecology; Meteorology & Atmospheric Sciences	48
Zoology	37
Education & Educational Research	35
Biodiversity & Conservation; Environmental Sciences & Ecology	31
Entomology	26

Research areas	amount
Plant Sciences	23
Nutrition & Dietetics	21
Geology	19
Science & Technology - Other Topics; Environmental Sciences & Ecology	18
Infectious Diseases	17
Psychology	16
Development Studies	15
Agriculture	15
Social Sciences - Other Topics	14
Forestry	14

Research areas in Africa

- 692 articles (47.7%) focused on Africa as a whole.
- The most common regional focus was on sub-Saharan Africa and the most common country was South-Africa.

Country	
South Africa	202
Kenya	44
Ghana	41
Tanzania	34
Uganda	23
Malawi	21
Mozambique	17
Namibia	17
Nigeria	15
Burkina Faso	13
Ethiopia	11
Angola	10
Madagascar	10
Congo	9
Zambia	8
Sudan	7
Zimbabwe	7
other	71

Area	
Sub-Saharan Africa	76
North Africa	48
East Africa	31
West Africa	30
South Africa	23
Horn of Africa	12
Lake Tanganyika	10
Sahel	7
Sahara	3
Central Africa	2
Kilimanjaro	2
South-West Africa	2
Eastern Central Africa	1
Lake Victoria	1
North-West Africa	1
Sahara-Sahel	1

Terms “innovation” or “sustainability” in publications related to Africa in which involved a Finnish organization, 2015–2021, N = 1413

Word	Yes, nr	%	No, nr	%
Sustainability	35	2.5%	1378	97.5%
Innovation	23	1.6%	1390	98.4%

- Sustainability and innovation rarely appeared in the articles’ abstracts.



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