Sustainable Development Goals (SDGs), Digital Education and Digital School: Indonesia Trend

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ABSTRACT

Purpose: Promoting digital education, the SDG Fund is convening partnerships between UN Agencies, governments and the telecommunications industry to better use information technologies to advance SDG4. Affordable, reliable and context-sensitive digital education, can promote equal opportunities for girls and boys and reduce inequalities by ensuring every child has access to high quality content. Digital education technologies improves fundamental skills such as collaboration, problem solving and global awareness.

Design/methodology/approach: Sustainable Development Goals (SDGs), Digital Education Documents by funding sponsor, Compare the document counts for up to 15 funding sponsors, first European Commission, followed by National Natural Science Foundation of China, and Horizon 2020 Framework Programme. Documents by affiliation, Compare the document counts for up to 15 affiliations, first University College London, followed by University of Oxford and University of Washington. Subject area Documents, first Social Sciences, followed by Environmental Science and Computer Science. Documents by country or territory, Compare the document counts for up to 15 countries/territories, first United States, followed by United Kingdom and Spain. In ASIA, first India and China. In ASEAN, first Malaysia, followed by Indonesia, Singapore, Thailand, Philippines, and Viet Nam. From Indonesia, Documents by funding sponsor, Compare the document counts for up to 15 funding sponsors, first Direktorat Jenderal Pendidikan Tinggi, followed by Universitas Airlangga, Universitas Indonesia and Universitas Padjadjaran. Documents by affiliation, Compare the document counts for up to 15 affiliations, first Universitas Indonesia and Universitas Sebelas Maret. Sustainable Development Goals (SDGs), Digital Education, Documents by funding sponsor, Compare the document counts for up to 15 funding sponsors, first National Natural Science Foundation of China, European Commission, and Horizon 2020 Framework Programme.

Findings: Documents per year by source, first Sustainability Switzerland journal, Journal Of Cleaner Production, and Remote Sensing journal. Documents by affiliation, Compare the document counts for up to 15 affiliations, first University of Washington, Columbia University, and London School of Hygiene. Documents by country or territory, Compare the document counts for up to 15 countries/territories, first United Kingdom, United States, and Australia, in ASIA, first China, India, and Japan. In ASEAN first Malaysia, Singapore, Thailand, Indonesia, Viet Nam, Philippines, and Cambodia. In Indonesia, Documents by funding sponsor, Compare the document counts for up to 15 funding sponsors, first Binus University, Direktorat Jenderal Pendidikan Tinggi, Lembaga Pengelola Dana Pendidikan, Universitas Airlangga, Universitas Indonesia, Universitas Katolik Parahyangan, and Universitas Sebelas Maret. Documents by affiliation, Compare the document counts for up to 15 affiliations, first Universitas Indonesia and Universitas Sebelas Maret. Universitas Indonesia and Universitas Sebelas Maret are dominant in Indonesia for Sustainable Development Goals (SDGs), Digital Education, Digital Education, research publication.

Paper type: Research paper

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Keyword: Indonesia, Sustainable Development Goals (SDGs), Digital Education, Digital School, Trend

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I. INTRODUCTION

Promoting digital education, the SDG Fund is convening partnerships between UN Agencies, governments and the telecommunications industry to better use information technologies to advance SDG4. Affordable, reliable and context-sensitive digital education, can promote equal opportunities for girls and boys and reduce inequalities by ensuring every child has access to high quality content. Digital education technologies improves fundamental skills such as collaboration, problem solving and global awareness. It can easily connect boys and girls from different parts of the world with the possibility of sharing their content with peers living kilometres away. Equally important, learning technology can open future job opportunities. Governments, civil society, businesses and researchers are engaging in understanding and achieving the 2030 Agenda for Sustainable Development, and its 17 Sustainable Development Goals, the SDG Fund is proud to launch this library to fill an important gap: creating an online platform for publications with accessible content related to the SDGs.

A. Objectives

The research objective is to analyze Sustainable Development Goals (SDGs), Digital Education, Digital School, Indonesia Trend, based on SCOPUS.COM databased, analyze search results, 1,012 Sustainable Development Goals (SDGs), Digital Education documents result since 2000 to 2021, all field article include Sustainable Development Goals (SDGs), Digital Education, 997 Sustainable Development Goals (SDGs), Digital School documents result since 2000 to 2021, all field article include Sustainable Development Goals (SDGs), Digital School.

B. Literature Review

Literature review, refer to followed article, Paisal Halim, Universitas Nasional, Indonesia, paper title Researches on sociology and sustainable management for future trend (Halim et al., 2019). Muhammad Ikhsan Setiawan, Universitas Narotama, Indonesia, paper title Fish and solar cell technology research trend (Setiawan, Abdullah, et al., 2019), paper title Sustainable mobility and transportation research in Indonesia (Setiawan, Bin, et al., 2019). Muhammad Ikhsan Setiawan, Universitas Narotama, Indonesia, paper title Digital Cities Research Trend Analysis (2012-2021) (Setiawan, Nasihien, Sukoco, Aditya, et al., 2021), paper title World Digital Transportation Research Trend Analysis Over the Last 10 Years (Setiawan, Nasihien, Sukoco, Rosyid, et al., 2021), and paper title Sustainable Cities Research and Sustainable Management Modelling: Indonesia And World Trend (Setiawan, Sukoco, A., Harmanto, 2022). I Nyoman Sudapet, Universitas Narotama, Indonesia, paper title Indonesia research in tourism and digital tourism (Sudapet, Sukoco, Setiawan, et al., 2019), paper title Global Digital Tourism Research Article Trend Analysis (2012-2021) (I Nyoman Sudapet et al., 2021) and the last, paper title Digital Rural Development Research Trend Analysis in Last 7 Years (Sudapet et al., 2021).

II. METHODS

Research methodology, SCOPUS.COM is a source-neutral abstract and citation database curated by independent subject matter experts who are recognized leaders in their fields. SCOPUS.COM puts powerful discovery and analytics tools in the hands of researchers, librarians, research managers and funders to promote ideas, people and institutions. 1.8+ billion cited references dating back to 1970, 84+ million records, 17.6+ million author profiles.

Based on SCOPUS.COM databased, analyze search results, 1,012 Sustainable Development Goals (SDGs), Digital Education documents result since 2000 to 2021, all field article include Sustainable Development Goals (SDGs), Digital Education, 997 Sustainable Development Goals (SDGs), Digital School documents result since 2000 to 2021, all field article include Sustainable Development Goals (SDGs), Digital School.

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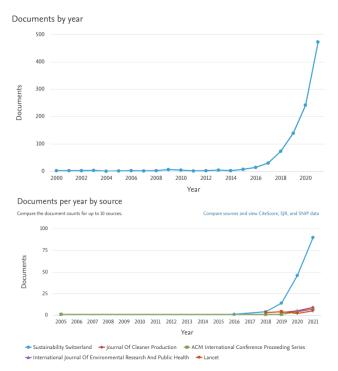
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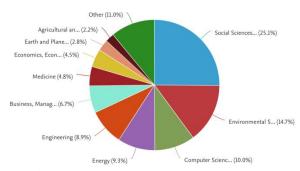
III. RESULTS AND DISCUSSION

How we check and analysis first 1,012 Sustainable Development Goals (SDGs), Digital Education documents result since 2000 to 2021, all field article include Sustainable Development Goals (SDGs), Digital Education, and 997 Sustainable Development Goals (SDGs), Digital School documents result since 2000 to 2021, all field article include Sustainable Development Goals (SDGs), Digital School, devided documents: (1) by year; (2) by country or territory; (2) per year by sources; (3) by funding sponsor area; (4) by subject; and (5) by affiliation.

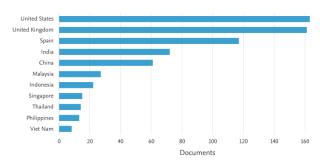


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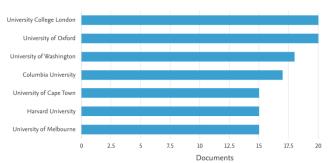
Documents by subject area



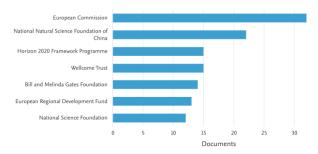
Documents by country or territory



Documents by affiliation ①



Documents by funding sponsor



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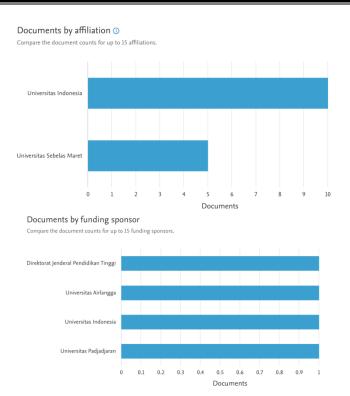
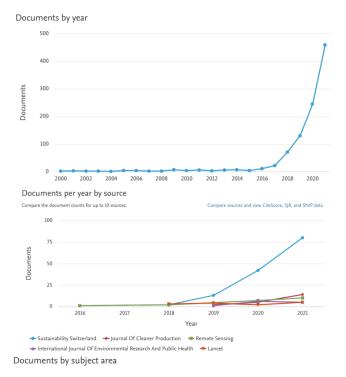


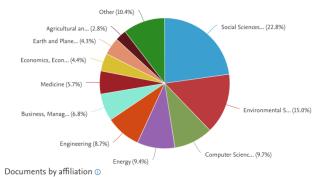
Figure 1. Documents by year, per year by source, by subject area, by country or territory, by funding sponsor, by affiliations, 1,012 Sustainable Development Goals (SDGs), Digital Education documents result since 2000 to 2021, all field article include Sustainable Development Goals (SDGs), Digital Education

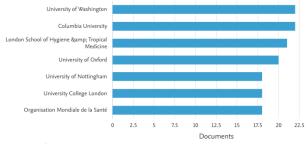
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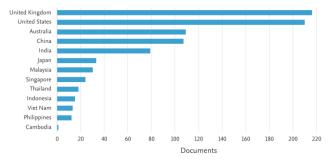






Documents by country or territory

Compare the document counts for up to 15 countries/territories



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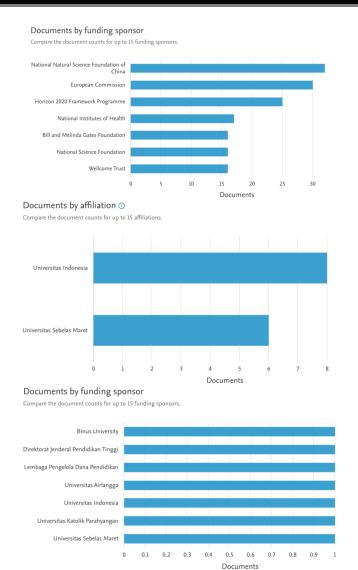


Figure 2. Documents by year, per year by source, by subject area, by country or territory, by funding sponsor, by affiliations, 997 Sustainable Development Goals (SDGs), Digital School documents result since 2000 to 2021, all field article include Sustainable Development Goals (SDGs), Digital School

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IV. CONCLUSION

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