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ORIGINAL PAPER

From Governance Policy to Knowledge: Monitoring Social and Scientific Trends and Scholarly Discourse on Artificial Intelligence, Sustainable Development and Green Diplomacy

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Abstract:
Introduction: Artificial intelligence, sustainable development and green diplomacy represent central topics of government policies, engaging strategies and implementation directions but also research and academic debate. In the context of the growing interest in artificial intelligence policies associated with green development and transition, the way in which online platforms and databases index research results represents a valuable basis for the future policy agenda.
Objectives: This research aims to map the dynamics and evolution of thematic, conceptual and analytical connections in the field of artificial intelligence governance, sustainable development and green diplomacy, by identifying emerging topics in the field and highlighting the receptivity in the digital space
Methodology: For conducting the research, the data source is represented by the Dimensions.ai (2025) platform and eight keywords were used for data extraction as follows**:** "Clean Energy Transition", "Hydrogen Economy", "Digital Sustainability", "Sustainable Finance Taxonomy**",** "Sustainable Urban Development**",** "AI for Environmental Protection", "AI and the Green Economy" and "AI and Technological Sustainability". The processing of data and results was carried out according to three criteria as follows: (1) number of publications per year; (2) number of publications by type and (3) number of publications by research category.
Results, discussions, conclusions: The results of the analysis highlight the volume of publications that focus on keywords according to the determined criteria, but also the

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most frequent publications according to the category of research. For data accuracy, the analysis period correlates data for the last ten years (2017-2026) (i.e. papers already accepted for publication in 2026). The research results also reveal the increase of public interest in the selected research field in recent years, with a focus on articles, book chapters and book formats. The growing trend in recent years suggests an increased receptivity of the eight keywords by identifying the most important research categories for each selected keyword.

Keywords: *scientific trends, scholarly discourse, artificial intelligence, sustainable development, green diplomacy,*

Introduction

In a period marked by academic analysis and debate on climate change and the impact of government policies, the research of topics such as sustainable development and green diplomacy (Spring & Cirella, 2021). becomes essential for reflecting the thematic interconnections and shaping the public agenda (Rahmat & Apriliani, 2023; Saaida, 2023).

From this perspective, the present research focuses on the receptivity of databases and indexing platforms on the global context of artificial intelligence and green governance in order to reveal the social and health determinants (Srinivas, Kolloju, Singh, Naveen, & Naresh, 2024; Tänzler, Ivleva & Hausotter, 2021; Tiwari, 2022), as well as the cultural and economic imperatives that condition and shape the policy framework and governance (Venkata Krishnan, 2024; Segovia-Hernández, Hernández, Cossío-Vargas, Juarez-García & Sánchez-Ramírez, 2025).

In this context, in the digital space, indexing research results allows highlighting emerging topics associated with the research field of artificial intelligence, sustainable development and green diplomacy focusing on innovative themes such as:

(a) climate diplomacy (Bremberg, & Michalski, 2024), geopolitical encounters (de las Heras, 2024) and quest for climate neutrality and environmental sustainability (Dyrhauge & Kurze, 2023; Eckert & Kovalevska, 2021);

(b) a forward-looking analysis of emerging human security directions (Olimid, Georgescu & Olimid, 2024), social implications and organizational development (Olimid, D. A. & Olimid, A. P., 2022);

(c) the European Union governance objectives on resilience, digitalisation and green policies (Olimid, A. P. & Olimid, D. A. 2022);

(d) impact on sustainability strategies and the circular economy (Khiati, Elalaoui, Laator, Majd, Mkik, Tanane, & Imadi, 2025; Parimita, Monoarfa, Rahmi, Wibowo & Ayatulloh, 2025).

Other recent studies focus on how the digital space provides the necessary tools for monitoring climate change policies, highlighting the role of social and political factors (Chukwuma, 2022), as well as the indicators of global governance (Fuentes, Cárdenas, Olivares, Rasmussen, Salazar, Urbina, ... & Lawler, 2023). A second theme focuses on the role of artificial intelligence and how artificial intelligence associates social responsibility, cooperation and collaboration mechanisms at the level of institutional governance (Caganova & Das, 2025; Gotsch, Martin, Eberling, Shirinzadeh, Kuhlmann, Petschow, & Pentzien, 2022; Wang, Sun & Li, 2025).

Methodology

The tools provided by the Dimensions.ai platform (2025) were used to carry out the research, which centralizes trends and analytical data relevant to the research ecosystem of sustainable development and green diplomacy focusing on:

(a) The quantitative methodology and bibliometric analysis from the perspective of the number of publications according to certain selection criteria associate a focused research of thematic and conceptual variations as well as of the relevant emerging directions in the analyzed period.

(b) The selection of topics was made taking into account their relevance and suitability for the objectives of the study.

(c) The results of the research are summarized for each topic according to the three selection criteria (year of publication, type of publication and research category) in the ten tables (from Table 1 to Table 10).

(d) the results are also accompanied by a graphical visualization (from Graph 1 to Graph 8) that presents the percentage of the research category identified for each topic in order to provide a clarification of the interpretation of the data obtained and rendered in tables.

The design of the research is comparative, and the tabular structure is designed on the presentation of the research data. The tools, the date of the research and the data collection procedures accompany each table and graphic. The interpretation of the data based on the extracted datasets accompanies each table/graph, reflecting the practical and theoretical implications for the field of public policing and institutional governance

The limits of research are primarily related to the period under analysis (2017-2026), the existence of variables related to the short time period of data collection, as well as the use of a single platform, namely Dimensions.ai (2025). These methodological and data limitations may influence the generalization of research results. However, the study provides valuable input on future research directions on resilient and participatory governance in the context of the increasing role of artificial intelligence.

Results and findings

The first table highlights the distributions of publications for all eight topics selected for analysis. The monitoring of the topics indicates a sustained upward trend in recent years regarding the research of the main directions of sustainable development and the implications of the use of artificial intelligence. Thus, the highest values are recorded starting with 2021 (Table 1). It is noted that the highest values are recorded for the topic "Sustainable Urban Development" (Column 6, Table 1) with values between 156,617 occurrences for 2025 and 257,919 for 2024.

The second topic that registers increased values is "Clean Energy Transition" which shows an accelerated dynamics for the years 2023 and 2024 (Column 2, Table 1). The lower values recorded for tops such as "Hydrogen Economy" (Columns 3, Table 1), and "Sustainable Finance Taxonomy" (Column 5, Table 1) suggest that the two topics represent areas that are in consolidation and that they concentrate an emerging interest of the academic community in the sector of digital solutions of green diplomacy.

Comparing the results obtained by the topics analyzed in the last three columns of Table 1, we notice that "AI for Environmental Protection**",** "AI and the Green Economy" and "AI and Technological Sustainability" concentrates an important number of publications, and the upward trend constantly recorded since 2017 demonstrates a high potential for analysis and capitalization in the agenda of future research (Table 1).

Table 1. Number of Publications per Year

Publication Year/ Number of publications	"Clean Energy Transition"	"Hydrogen Economy"	"Digital Sustainability"	"Sustainable Finance Taxonomy"	"Sustainable Urban Development"	"AI for Environmental Protection"	"AI and the Green Economy"	"AI and Technological Sustainability"
2026	569	179	274	46	275	449	273	248
2025	152.324	56525	122235	10462	181856	140471	76458	87063
2024	164008	63066	129845	13474	257919	84643	73949	89321
2023	146578	55877	118434	11081	226914	70558	49177	57437
2022	145372	38821	114604	11835	202994	54723	44817	35987
2021	108102	36646	85727	10391	156617	38767	40120	21414
2020	88005	28879	61299	8190	128482	41658	31882	19395
2019	78044	24640	50655	5890	108638	28107	22913	13895
2018	67693	21640	38501	3022	102437	41658	22299	13195
2017	63601	20086	32010	1797	90227	28107	15653	7944

Source: Authors' own compilation based on data retrieved on August 17, 2025 from Dimensions.ai platform available at https://www.dimensions.ai/

The results in Table 2 capitalize on the number of publications identified for each topic depending on the type of publication. On the first column are highlighted the publications (article, chapter, edited book, monograph, preprint, proceeding, seminar/report/policy documents). At the level of the typology of publications, it is observed that most contributions are positioned for all topics at the level of scientific articles, which confirms the symmetrical research interest for this type of publication. Increased values were also recorded at the level of the Edited book category (Row 4, Table 2) and Preprint (Row 6, Table 2).

Table 2. Number of Publications by Type

Publication Type/ Number of Publications	"Clean Energy Transition"	"Hydrogen Economy"	"Digital Sustainability"	"Sustainable Finance Taxonomy"	"Sustainable Urban Development"	"AI for Environmental Protection"	"AI and the Green Economy"	"AI and Technological Sustainability"
Article	1123943	427032	823391	34313	1434480	592106	255464	210149
Chapter	382029	84037	287791	1210	18264	126022	144145	120146
Edited Book	152419	45616	80240	53	1134	109446	95145	52556
Monograph	-	12210	47405	128	655	24100	18614	8056
Preprint	118636	18091	45146	17246	287899	46809	20253	19216
Proceeding	90002	13025	-	2608	75423	30701	18220	19268
Seminar / Report/ Policy Documents	42415	427032	3	9736	67364	28251	—	13726

Source: Authors' own compilation based on data retrieved on August 17, 2025 from Dimensions.ai platform available at https://www.dimensions.ai/

Table 3 and Graph 1 show a concentration of publications in the field of Engineering for the topic "Clean Energy Transition" (574346 publications), followed by the field of Chemical Sciences (362911 publications) and Physical Sciences (232998).

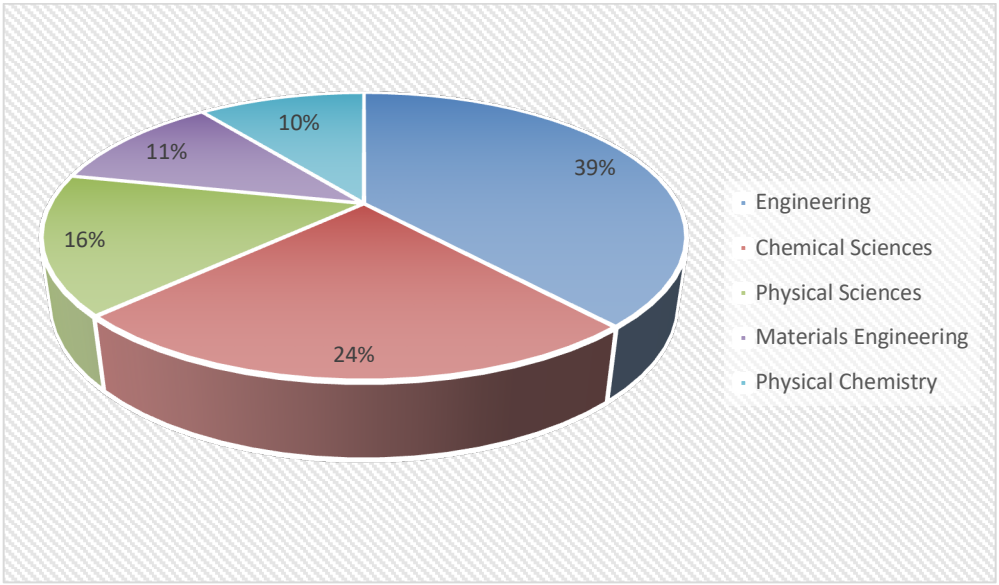
Table 3. Number of Publications by Research Category for "Clean Energy Transition"

Research Category	*Number of Publications for* ***"Clean Energy Transition"***
Engineering	574346
Chemical Sciences	362911
Physical Sciences	232998
Materials Engineering	167191
Physical Chemistry	155666

Source: Authors' own compilation based on data retrieved on August 17, 2025 from Dimensions.ai platform available at https://www.dimensions.ai/

Graph 1 shows a significant percentage increase for Engineering publications (39%), and for the other fields the percentage variations indicate a balanced percentage redistribution between 10% and 24% (Graph 1).

Graph 1. Visualization of publications by research category for "Clean Energy Transition"



Source: Authors' own compilation based on data retrieved on August 17, 2025 from Dimensions.ai platform available at https://www.dimensions.ai/

Table 4 and Graph 2 show also a concentration of publications in the field of Engineering for the topic "Hydrogen Economy" (251671 publications, followed by the field of Chemical Sciences (172734 publications) and Chemical Engineering (66026).

Table 4. Number of Publications by Research Category for "Hydrogen Economy"

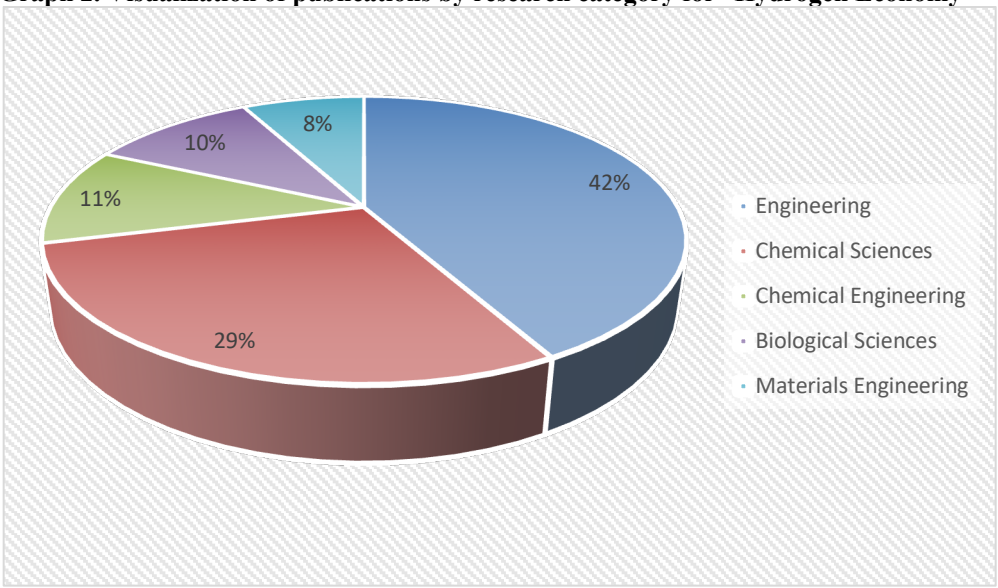
Research Category	*Number of Publications for* ***"Hydrogen Economy"***
Engineering	251671
Chemical Sciences	172734
Chemical Engineering	66026
Biological Sciences	61877
Materials Engineering	45617

Source: Authors' own compilation based on data retrieved on August 17, 2025

from Dimensions.ai platform available at https://www.dimensions.ai/

Graph 2 confirms for the topic "Hydrogen Economy" the percentage distribution increased for the Engineering field (42%), while the other fields register percentage variations between 8% and 29%.

Graph 2. Visualization of publications by research category for "Hydrogen Economy"



Source: Authors' own compilation based on data retrieved on August 17, 2025 from Dimensions.ai platform available at https://www.dimensions.ai/

Table 5 and Graph 3 identify the values recorded at the level of the domains identified for the topic "Digital Sustainability". There is a significant concentration of contributions in the following areas: Information and Computing Sciences (230704 publicatii), Commerce, Management, Tourism and Services (224530), Human Society (136703) and Strategy, Management and Organisational Behaviour (98079).

Table 5. Number of Publications by Research Category for "Digital Sustainability"

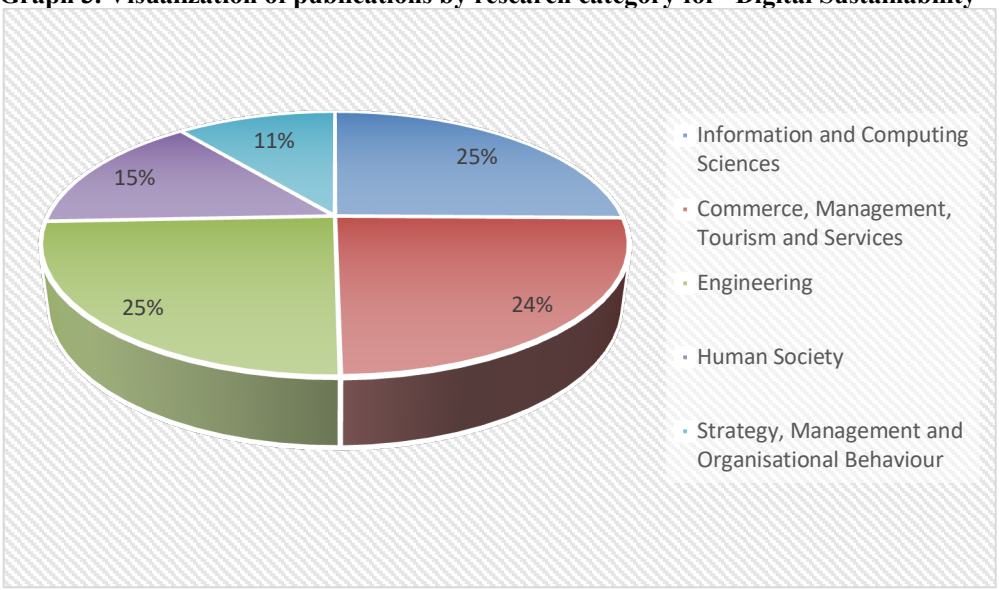
Research Category	*Number of Publications for* ***"Digital Sustainability"***
Information and Computing Sciences	230704
Commerce, Management, Tourism and Services	224530
Engineering	224831
Human Society	136703
Strategy, Management and Organisational Behaviour	98079

Source: Authors' own compilation based on data retrieved on August 17, 2025 from Dimensions.ai platform available at https://www.dimensions.ai/

Graph 3 associated with the topic **"**Digital Sustainability" confirms a balanced distribution of the percentage variations recorded for the first domains between 24% and

25% for the first three domains, namely: Information and Computing Sciences (25%), Commerce, Management, Tourism and Services (25%) and Engineering (24%).

Graph 3. Visualization of publications by research category for "Digital Sustainability"



Source: Authors' own compilation based on data retrieved on August 17, 2025 from Dimensions.ai platform available at https://www.dimensions.ai/

Table 6 and Graph 4 reveal the different distribution across domains for the topic "Sustainable Finance Taxonomy**".** A significant concentration is noted for the fields of Commerce, Management, Tourism and Services (30,004 publications), Information and Computing Sciences (24,175), Strategy, Management and Organisational Behaviour (17,536), Human Society (18,271) and Economics (8,414).

Table 6. Number of Publications by Research Category for "Sustainable Finance Taxonomy"

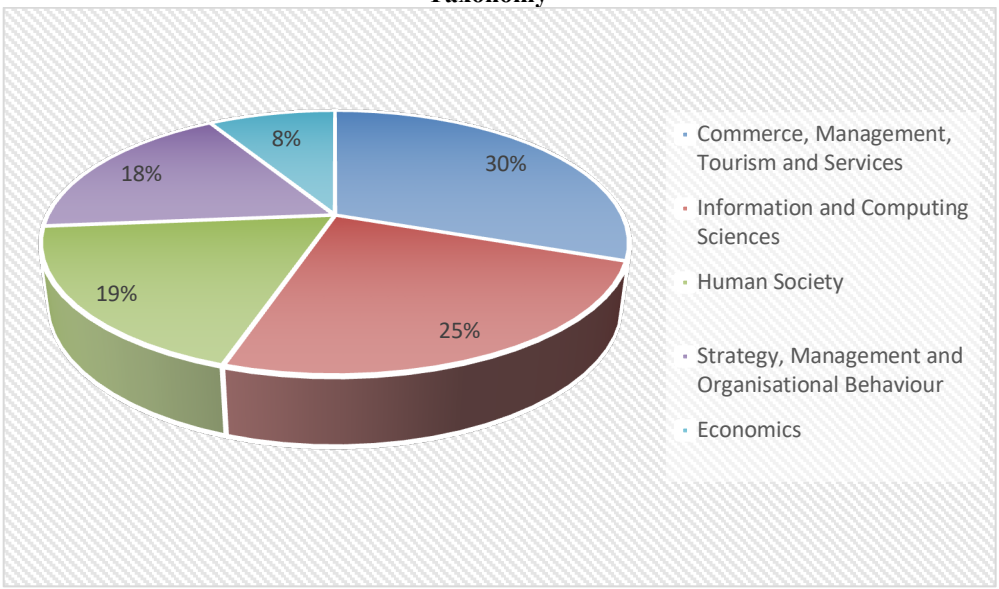
Research Category	*Number of Publications for* ***"Sustainable Finance Taxonomy"***
Commerce, Management, Tourism and Services	30004
Information and Computing Sciences	24175
Human Society	18271
Strategy, Management and Organisational Behaviour	17536
Economics	8414

Source: Authors' own compilation based on data retrieved on August 17, 2025 from Dimensions.ai platform available at https://www.dimensions.ai/

In Graph 4 it can be obersved that the percentage variations of the priority areas of publication for the topic "Sustainable Finance Taxonomy" indicates a concentration in

the field of Commerce, Management, Tourism and Services (30%), followed by Information and Computing Sciences (25%) and Human Society (19%).

Graph 4. Visualization of publications by research category for "Sustainable Finance Taxonomy"



Source: Authors' own compilation based on data retrieved on August 17, 2025 from Dimensions.ai platform available at https://www.dimensions.ai/

Table 7 and Graph 5 present a consolidation of scientific interest in the topic "Sustainable Urban Development" and emerging fields such as: Human Society (451443 publications), Engineering (331063), Environmental Sciences (278457). Taking into account the results highlighted in Table 7, the topic "Sustainable Urban Development" is experiencing an accelerated expansion, which demonstrates a prioritization of current trends in the field of green transition.

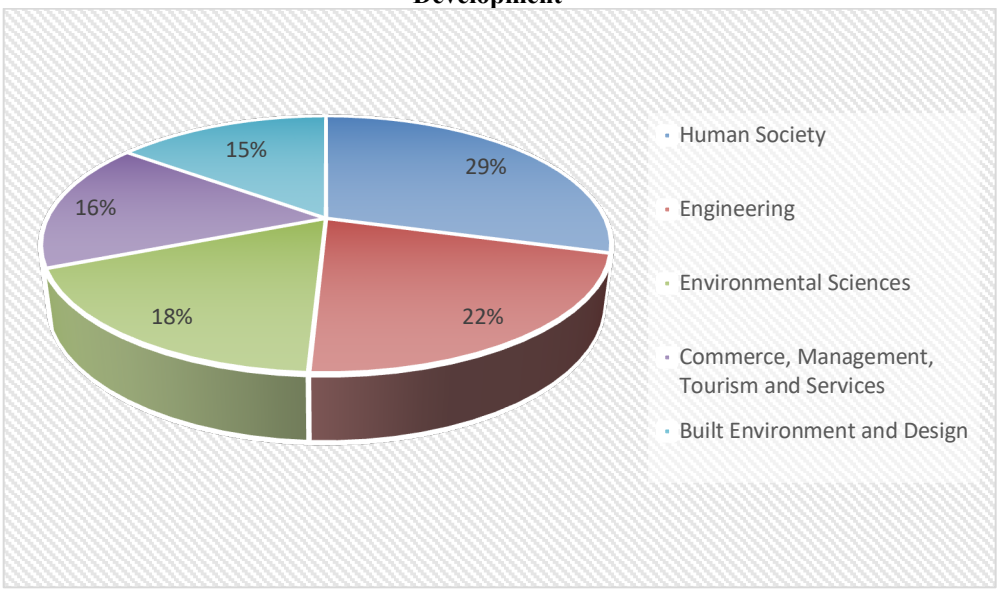
Table 7. Number of Publications by Research Category for "Sustainable Urban Development"

Research Category	*Number of Publications for "**Sustainable Urban Development**"*
Human Society	451443
Engineering	331063
Environmental Sciences	278457
Commerce, Management, Tourism and Services	252018
Built Environment and Design	227515

Source: Authors' own compilation based on data retrieved on August 17, 2025 from Dimensions.ai platform available at https://www.dimensions.ai/

The percentage changes in Graph 5 indicate for the topic "Sustainable Urban Development" a relatively balanced distribution of the first fields as follows: Human Society (29%), Engineering (22%) and Environmental Sciences (18%).

Graph 5. Visualization of publications by research category for "Sustainable Urban Development"



Source: Authors' own compilation based on data retrieved on August 17, 2025 from Dimensions.ai platform available at https://www.dimensions.ai/

Table 8 and Graph 6 provide a synthetic picture of the current trends and areas recorded for the topic "AI for Environmental Protection**".** The recorded values suggest the increased interest of the scientific community in the topic "AI for Environmental Protection" considering the following results obtained at the field level: Engineering (190479), Biomedical and Clinical Sciences (131470), Biological Sciences (124775), Information and Computing Sciences (115835), Environmental Sciences (83278).

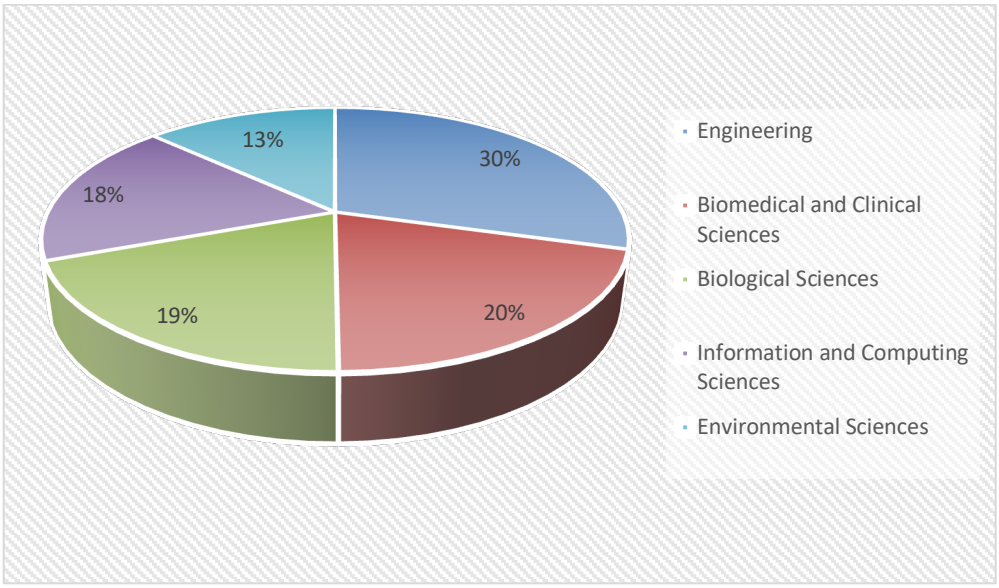
Table 8. Number of Publications by Research Category for "AI for Environmental Protection"

Research Category	*Number of Publications for **"AI for Environmental Protection"***
Engineering	190479
Biomedical and Clinical Sciences	131470
Biological Sciences	124775
Information and Computing Sciences	115835
Environmental Sciences	83278

Source: Authors' own compilation based on data retrieved on August 17, 2025 from Dimensions.ai platform available at https://www.dimensions.ai/

Graph 6 assigns for the topic "AI for Environmental Protection" percentage variations between 30% (Engineering field), 20% (Biomedical and Clinical Sciences field), 19% (Biological Sciences), 18% (Information and Computing Sciences) and 13% (Environmental Sciences).

Graph 6. Visualization of publications by research category for "AI for Environmental Protection"



Source: Authors' own compilation based on data retrieved on August 17, 2025 from Dimensions.ai platform available at https://www.dimensions.ai/

Table 9 and Graph 7 show a balanced ratio of the values recorded for the research category for the topic "AI for Environmental Protection", the distribution of values being uniform, reflecting a correlation between the values recorded for each field as follows: Engineering (89672), Information and Computing Sciences (75307), Commerce, Management, Tourism and Services (65044), Human Society (49812).

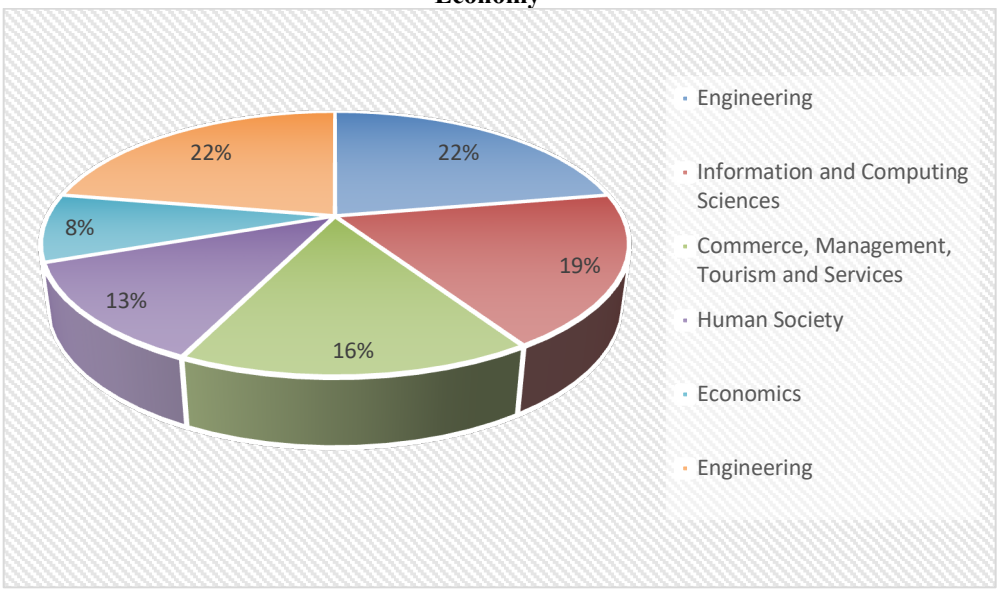
Table 9. Number of Publications by Research Category for "AI and the Green Economy"

Research Category	*Number of Publications for **"AI for Environmental Protection"***
Engineering	89672
Information and Computing Sciences	75307
Commerce, Management, Tourism and Services	65044
Human Society	49812
Economics	33421
Engineering	89672

Source: Authors' own compilation based on data retrieved on August 17, 2025 from Dimensions.ai platform available at https://www.dimensions.ai/

Figure 7 shows a relatively balanced distribution of the top five domains for the topic "AI and the Green Economy" as follows: 22% (Engineering), 22% (Information and Computing Sciences), Commerce, Management, Tourism and Services (19%), Human Society (16%), Economics (13%).

Graph 7. Visualization of publications by research category for "AI and the Green Economy"



Source: Authors' own compilation based on data retrieved on August 17, 2025 from Dimensions.ai platform available at https://www.dimensions.ai/

Table 10 and Graph 8 show the significant contributions of the following fields: Information and Computing Sciences (87447 publications), Engineering (74193), Commerce, Management, Tourism and Services (70708). The values suggest a concentration of publications for the three areas mentioned above but also a uniform distribution of the topic "AI for Environmental Protection" in emerging areas such as Human Society (34772) and Strategy, Management and Organisational Behaviour (30512)

Table 10. Number of Publications by Research Category for "AI and Technological Sustainability"

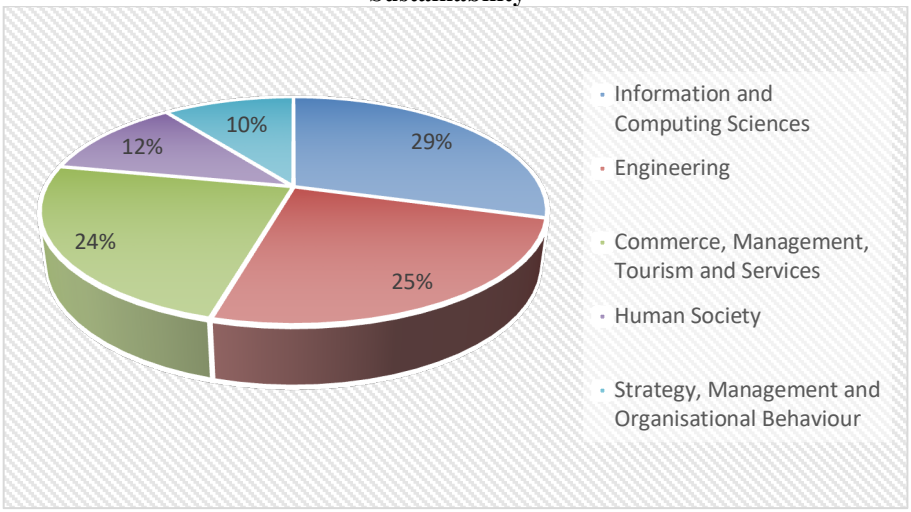
Research Category	*Number of Publications for* ***"AI for Environmental Protection"***
Information and Computing Sciences	87447
Engineering	74193
Commerce, Management, Tourism and Services	70708
Human Society	34772
Strategy, Management and Organisational Behaviour	30512

Source: Authors' own compilation based on data retrieved on August 17, 2025 from Dimensions.ai platform available at https://www.dimensions.ai/

Chart 8 reflects equal relative percentages for the first domains (Information and Computing Sciences – 29%, Engineering – 25% and Commerce, Management, Tourism and Services – 24%). The last two domains record percentage values between 10% and

12% for the Human Society and Strategy, Management and Organisational Behaviour domains.

Graph 8. Visualization of publications by research category for "AI and Technological Sustainability"



Source: Authors' own compilation based on data retrieved on August 17, 2025 from Dimensions.ai platform available at https://www.dimensions.ai/

Conclusions

The results of the research highlight an upward trend in the number of publications focusing on topics such as artificial intelligence, sustainable diplomacy and green diplomacy, revealing emerging subfields of analysis and research. At the same time, related topics such as "AI for Environmental Protection", "AI and the Green Economy" and "AI and Technological Sustainability" engage new directions and direct implications for government policies, suggesting both the scientific interest and the accelerated maturation and professionalization of the academic community, which has researched, evaluated, and analyzed how artificial intelligence has been used to assessed the impact of digital governance at the societal and institutional levels.

Authors' Contributions:

The authors contributed equally to this work.

References:

Bremberg, N., & Michalski, A. (2024). The European Union Climate Diplomacy: Evolving Practices in a Changing Geopolitical Context. *The Hague Journal of Diplomacy*, *19*(3), 506-535. https://brill.com/view/journals/hjd/19/3/article-p506_3.xml

Caganova, D., & Das, S. (2025). Blockchain and AI: Building a Decentralized Green Economy. In *Generative AI for a Net-Zero Economy: Managing Climate Change and Business Innovation in the Digital Era* (pp. 75-93). Singapore: Springer

Nature Singapore. https://link.springer.com/chapter/10.1007/978-981-96-8015-3_5

Chukwuma Sr, C. (2022). Ecological analysis in diplomacy, geopolitics and international cooperation: Driving accountability for social impact. *International Journal of Frontline Research in Multidisciplinary Studies*, *1*(1), 22-034. https://www.researchgate.net/profile/Chrysanthus-Chukwuma-Sr/publication/363533455_Ecological_analysis_in_diplomacy_geopolitics_and_international_cooperation_Driving_accountability_for_social_impact/links/632135e8873eca0c0086d446/Ecological-analysis-in-diplomacy-geopolitics-and-international-cooperation-Driving-accountability-for-social-impact.pdf

de las Heras, B. P. (2024). EU Green Transition in Times of Geopolitical Pressures: Accelerating or Slowing the Pace Towards Climate Neutrality?. *European Journal of Sustainable Development*, *13*(2), 1-1. http://ecsdev.org/ojs/index.php/ejsd/article/view/1522

Dimensions.ai (2025). https://www.dimensions.ai/. Data accessed on August 13, 2025.

Dyrhauge, H., & Kurze, K. (2023). Introduction–Making the European Green Deal work: EU sustainability policies at home and abroad. In *Making the European Green Deal Work* (pp. 1-12). Routledge. https://www.taylorfrancis.com/chapters/edit/10.4324/9781003246985-1/introduction-making-european-green-deal-work-helene-dyrhauge-kristina-kurze

Eckert, E., & Kovalevska, O. (2021). Sustainability in the European Union: Analyzing the discourse of the European green deal. *Journal of risk and financial management*, *14*(2), 80. https://www.mdpi.com/1911-8074/14/2/80

Fuentes, M., Cárdenas, J. P., Olivares, G., Rasmussen, E., Salazar, S., Urbina, C., ... & Lawler, D. (2023). Global digital analysis for science diplomacy on climate change and sustainable development. *Sustainability*, *15*(22), 15747. https://www.mdpi.com/2071-1050/15/22/15747

Gotsch, M., Martin, N., Eberling, E., Shirinzadeh, S., Kuhlmann, D., Petschow, U., & Pentzien, J. (2022). *The contribution of big data, AI and digital platforms on the way to a green economy. Areas of application and development potential* (Vol. 85, No. UBA-FB--000884). Umweltbundesamt (UBA), Dessau-Roßlau (Germany). https://inis.iaea.org/records/sgd69-42a89.

Khiati, M., Elalaoui, A., Laator, A., Majd, A., Mkik, M., Tanane, O., & Imadi, I. E. (2025, May). Modeling Sustainable Production Systems and Ecological Transition: The Key Role of Education Based on AI in the Green Economy. In *International Symposium on Generative AI and Education* (pp. 443-453). Cham: Springer Nature Switzerland. https://link.springer.com/chapter/10.1007/978-3-031-98476-1_35

Olimid, A. P., & Olimid, D. A. (2022). Information and Practices on Resilience and Environmental Governance in the EU 8th EAP (2022): Assessment of Data Accesibility, Policy Development and Human Resources. *Revista de Stiinte Politice*, (76), 88-97. https://www.ceeol.com/search/article-detail?id=1194946

Olimid, A. P., Georgescu, C. M., & Olimid, D. A. (2024). EU Policies on Human Security, Environmental Sustainability, Strategic Foresight, and Digital Transition in EU Candidate Countries: Moldova and Ukraine. *Economics Ecology Socium*, *8*(4), 25-41. https://www.ees-journal.com/index.php/journal/article/view/270

Olimid, D. A., & Olimid, A. P. (2022). EU Policies on Learning Environmental Sustainability and Climate Change: What Social Implications for Human and Organizational Development and Resilience?. *Revista de Stiinte Politice*, (73), 114-121. https://www.ceeol.com/search/article-detail?id=1055825

Parimita, W., Monoarfa, T. A., Rahmi, R., Wibowo, S. F., & Ayatulloh, M. M. (2025). Enhancing Green Economic Circular Ecosystem Growth through AI-Based Waste Management Gamification. *International Review of Management and Marketing*, *15*(1), 249. https://search.proquest.com/openview/a1a6d675a3bec56d4085d7a5eddf905a/1?pq-origsite=gscholar&cbl=816339

Rahmat, T., & Apriliani, D. (2023). Model of Global HR Development and Green Economy Diplomacy: Strengthening Global Environmental Governance in Indonesia. *Journal of Law and Sustainable Development*, *11*(11), e404-e404. https://ojs.journalsdg.org/jlss/article/view/404

Saaida, M. (2023). Challenges and Opportunities of Climate Change Diplomacy. *Political Science Journal*, *10*(1), 112-130. https://www.academia.edu/download/104759503/Challenges_and_Opportunities_of_Climate_Change_Diplomacy.pdf

Segovia-Hernández, J. G., Hernández, S., Cossío-Vargas, E., Juarez-García, M., & Sánchez-Ramírez, E. (2025). Green hydrogen production for sustainable development: a critical examination of barriers and strategic opportunities. *RSC Sustainability*, *3*(1), 134-157. https://pubs.rsc.org/en/content/articlehtml/2025/su/d4su00630e

Spring, C. R., & Cirella, G. T. (2021). Fostering sustainable development: Green energy policy in the European Union and the United States. In *Human settlements: Urbanization, smart sector development, and future outlook* (pp. 101-137). Singapore: Springer Singapore. https://link.springer.com/chapter/10.1007/978-981-16-4031-5_7

Srinivas, J., Kolloju, N., Singh, A., Naveen, S., & Naresh, S. (2024). The covid-19 pandemic and its impact on sustainable development goals-2030. *Journal of the Knowledge Economy*, *15*(4), 15485-15498. https://link.springer.com/article/10.1007/s13132-023-01692-0

Tänzler, D., Ivleva, D., & Hausotter, T. (2021). EU climate change diplomacy in a post-Covid-19 world. *European Parliament*. https://south.euneighbours.eu/wp-content/uploads/2022/07/QA0221895ENN.en_.pdf.

Tiwari, A. (2022). Climate diplomacy to attain global eco-neutrality. *Advanced Materials Letters*, *13*(3), 2203-1697. https://aml.iaamonline.org/article 18813.html

Venkata Krishnan, S. (2024). Green Diplomacy: A Way to Achieve SDG-17. In *Sustainability: Science, Policy, and Practice in India: Challenges and Opportunities* (pp. 225-234). Cham: Springer International Publishing. https://link.springer.com/chapter/10.1007/978-3-031-50132-6_16

Wang, Q., Sun, T., & Li, R. (2025). Does Artificial Intelligence (AI) enhance green economy efficiency? The role of green finance, trade openness, and R&D investment. *Humanities and Social Sciences Communications*, *12*(1), 1-22. https://www.nature.com/articles/s41599-024-04319-0

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