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Topic: Human Right Issues of Artificial Intelligence (AI) Gaps and Challenges, and Affected Future Legal Development in Various Countries

## **Impact Use of Artificial Intelligence Regarding Human Rights**

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**Abstract.** *Development Several Artificial Intelligence (AI) technologies year final has change landscape law civil with its use is increasing widespread, AI technology has bring potency big in speed up and improve efficiency in making decision civil, Approach method in study This is with use approach juridical normative namely a process of finding legal rules, legal principles and legal doctrines to answer the legal issues faced, Source of data obtained from regulation legislation, journals, papers, etc. Research result showing that research results showing that government need grow collaboration between AI expert, expert policy, researchers, and experts ethics For approach holistic use of AI in the field policy public, Not losing important For involve community and stakeholders interest in a way active For gather input and build trust in the manufacturing process policy AI based, Framework defined ethics with good, strong data governance practices, efforts collaborative between experts, and involvement an active public is very important for success and responsibility answer deep AI integration making policy public, Technology information is also available help prevent human rights violations with utilise computing cloud and big data analysis, However, although There is effort For increase protection of human rights through technology, there is convey challenge values in Pancasila to generation exposed youth technology, Pancasila plays role key in arrange life society, nation and state in Indonesia, including in development and utilization Technology Intelligence Artificial (AI).*

**Keywords:** *AI Policy; Artificial Intelligence; Human Rights.*

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**1. Introduction**

AI has potency For make it easier life humans in the realm technology, capable operate tasks and doing analysis through a computer program in scale great information, Synergy between AI technology and life man become solution real for society in the future, proves that presence technology own role crucial in continuity life man, Presence intelligence artificial (AI) as system technology innovative that can be integrate humans, machines, and knowledge has own impact significant to life man, The influence No only limited to sectors industry, but also expanding to sector trade, solid works and services finance, In fact, the use of AI now has develop until to realm art, as seen in "The Next Rembrandt" project, This AI project, which won 60 awards, did analysis against 346 paintings by Rembrandt van Rijn, a acclaimed Dutch painter as one of the painter biggest in history Europe, "The Next Rembrandt".

Is capable do analysis and conclude that Rembrandt, if Still live, will paint a man 30 40 years old, wearing clothes black and hat, with position face facing to side right.<sup>1</sup>

Development Several Artificial Intelligence (AI) technologies year final has change landscape law civil with its use is increasing widespread, AI technology has bring potency big in speed up and improve efficiency in making decision civil, His abilities For analyze the data thoroughly fast, recognize pattern, and provide recommendation decision has make it become interesting tool for practitioners laws and institutions Justice, However, behind potency the positive, use deep AI technology making decision civil law also presents a number necessary problem considered with Serious from perspective ethics and responsibility answer law, First of all, there is issue about data privacy,

In use AI technology, sensitive personal data collected and analyzed For make decision, In terms of this is important For guard privacy individual and caring confidentiality information personal from abuse or no access valid, AI actions that don't proper can become factor risk, is possible Because exists error in programming system used by the AI, As well as, emergence other problems such as inaccuracy information or guidance provided by AI, which can result loss for consumer in system, Before AI can do analysis and take decision, step beginning involves input of data, facts, and information to in system AI.

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<sup>1</sup> Mohammad January Rizki, "Questioning Copyright Protection in Utilization of Artificial Intelligence, Available in <https://www.hukumonline.com/berita/a/menyol-lindung-copyright-dalam-pecepatan-artificial-intelligence-It5efd7b7e3097a>, Accessed on 4 May 2024

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retrieval decision, there is entry of data, facts and information moreover formerly to in something AI system, Data and information the allows AI to operate with ability similar intelligence man, Although Thus, similarities ability the No in a way automatic gives AI status as subject the law has ability For do action law, interweaving connection law, or create consequence law, Governing regulations not quite enough answer law on AI actions become important, especially in the middle disruption technology that occurs moment this is in the sector online business, In fact, the report "The Future of Jobs 2020" from the World Economic Forum states that combination pandemic and automation cause disruption massive (Double Disruption). <sup>2</sup>In the era of globalization and digitalization this, the use of AI in system civil procedural law become A necessary phenomenon analyzed in a way deep, Development of deep AI context civil procedural law No only bring up question about efficiency and effectiveness system law, but also give rise to question about position the law and its role in carry out civil procedural legal processes in Indonesia.

So, goal from studies This is For do analysis juridical to position AI law and its role in system Indonesian civil procedural law, Importance studies This can seen from complexity interaction between AI technology and aspects civil procedural law, which involves various aspect like data security, rights basic people, and principles justice, Through analysis careful juridical, research This expected can give more understanding deep about implications use of AI in system Indonesian civil procedural law, as well give base solid law For organize and develop use technology This in appropriate context with needs and values Indonesian law,

Study This No only give contribution theoretical to literature civil procedural law and intelligence artificial, but also giving view practically possible become base For making appropriate policies with progress technology and needs public, With Thus, analysis This expected can become base For improvement and development regulations law related use of AI in system Indonesian civil procedural law, guarding balance between innovation technology and protection rights individual in context law civil, Therefore That necessary regulations This in line with not quite enough the state is responsible for give protection to its citizens, as mandated in paragraph fourth Opening Invite The 1945 Constitution of the Republic of Indonesia (1945 Constitution of the Republic of Indonesia).

Arrangement that also becomes important for ensure certainty law and provide a sense of security to the society that is becoming subject from intelligence artificial (AI), accordingly with guaranteed principle in contents of the 1945 NRI Constitution. Presence regulations law this is

<sup>2</sup> World Economic Forum. The Future of Jobs Report 2020. World Economic Forum Publishers, Cologny, 2020, p.5

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also appropriate with draft coaching law as tool for form "Law as A Tool Of Social Engineering" community, as stated by Mochtar Kusumaatmadja, The existence of this norm expected capable give directions for activities man can directed in accordance with objective development and rejuvenation,<sup>3</sup>

Application of AI in taking policy the public also raises challenges and considerations special, Implications ethical and legal, such as privacy, bias, transparency, and accountability, are necessary thing get attention For ensure responsible use of AI responsible and fair, Data quality and availability are critical For analysis and retrieval accurate decisions, so require maker policy For overcome problem related data collection, sharing, and interoperability, Build required skills and capacities in sector the public is very important For utilise AI technology effective, Apart from that, trust society and acceptance against deep AI taking policy should also be built through a transparent and inclusive process, Behind potency big AI, appeared challenge serious ethics,

Technology This own ability For take decision influencing complex life man, Therefore that's necessary remembered that nature and level intelligence machine This actually is results from planning man, This raises question ethical important about How We must use and organize this AI technology to match with our moral values follow, Values ethical and moral play role important in development, use, and regulation tools based intelligence artificial, We must ensure that AI does not only give benefit practical, but also appropriate with established moral norms and principles base connection between man, Development technology that looks very significant proven with widespread the use of social media in society, especially among teenagers,

The more it's easy internet access and social media, impact negative other globalizations such as Lots generation young who shows behavior violence, pragmatic, thinking short, selfish, mean short, them affected and become minion cyber industry, That matter make generation young become passive, minimal thinking critical, reactionary negative, and no creative positive,<sup>4</sup> How We use AI technology and how far we have come give authority to machine This in taking decision will become consideration ethical must faced in increasingly society connected and surrounded by AI.

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<sup>3</sup> Lilik Mulyadi, Prof. Development Law Theory. Dr. Kusumaatmadia, SH., LL.M.: A Descriptive Study Analytical, Paper. Directorate General of the General Judiciary, Supreme Court, Jakarta, 2008, p.3.

<sup>4</sup> Yuliana Saputri, R., & Ulfatun Najicha, F. (2023). STRENGTHENING PANCASILA VALUES AND IMPLEMENTING NATIONAL INSIGHTS IN THE YOUNGER GENERATION. 1–6. <https://doi.org/https://doi.org/10.29100/jr.v9i1.4082>

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With more understanding in about issues ethical in use tools based intelligence artificial, us can direct development technology to supportive direction values humanity and morality, All This in effort create more society ethical, fair, and innovative in the increasingly AI era dominate, Additionally, research This will give view deep about How We can integrate AI technology to in ethics us, so We can take advantage of it with wise and responsible answer,

Based on the description above, formulation possible problems made among others:

1. How policy use of AI in Indonesia?
2. How impact use of AI on human rights?

## **2. Research Methods**

Approach method in study This is with use approach juridical normative namely a process of finding legal rules, legal principles and legal doctrines to answer the legal issues faced,<sup>5</sup> This research uses a qualitative approach to investigate these challenges holistically. Through a comprehensive literature study, analysis of legal literature, and interviews with experts, we try to detail the complexity of the relationship between artificial intelligence technology and related legal aspects. The tradition of research using mass media reports, especially newspapers and the internet, has grown rapidly over the last few decades, especially in the field of collective action and social movement studies.

## **3. Results and Discussion**

### **3.1. Policy Use of AI in Indonesia**

Artificial intelligence refers to a field knowledge computer focused on development machine intelligent capable do usual tasks need skill humans, however, progress technical artificial intelligence gradually seen as danger for existence people man in period long, In some year Lastly, no only has enter to field technology, but also has enter to Lots discipline knowledge, With the tremendous growth of artificial intelligence normal during in the 1980s, it happened sustainable transformation in the perspective and approach of the creators in matter making various work,<sup>6</sup>

<sup>5</sup> Peter Mahmud Marzuki, 2010, Legal Research, Jakarta: Kencana Prenada, p. 35.

<sup>6</sup> Assinen, S. (2018). Thesis: European Union Copyright Protection for AI-Generated Works. Pg, 2

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Artificial intelligence refers to abilities computing system computer, which consists from various algorithms operated by computers, Artificial intelligence aims For ensure efficient and accurate data management as well as give knowledge that facilitates the retrieval process decision, After inspection early, apparently using artificial intelligence as tool For produce visual works do not give rise to problem right create, like case use Microsoft Word for write essay or digital camera for photography, However, modern artificial intelligence systems rely heavily on more things big than simply facilitate work man, <sup>7</sup>Protection history right enough to create in Indonesia long, begins with auteurswet 1912 stb, 1912 no. 600. After Therefore, Copyright Law Number 28 of 2014 concerning Copyright was created after a number of change, Works in field knowledge originating knowledge, art, and literature from inspiration, genius, intelligence, imagination, skill, talent, or knowledge especially those that have created and documented in a way physique or visually considered own right create,<sup>8</sup>

In study case about intelligence artificial production digital works, some digital works created by several individual and have right creation, however, shifts from use personal to use commercial or use free in a way general without permission owner right create, Project 2016's The Next Rembrandt featured paintings created by algorithms intelligence artificial imitation technique and aesthetics from painting by Rembrandt Harmenszoon Van Rijn.

Algorithm This analyzed 346 Rembrandt paintings and created work art new featuring figure man Caucasian aged 20 to 40 years, Subject wearing clothes colored dark, collared, hatted, and facing to right, This study find the same characteristics in different data sets, result picture that can be considered represent characteristic features unique Rembrandt. Work art This unique Because No There is mix hand man during the manufacturing process, One of focus project This is the possibility of artificial intelligence can catch essence Rembrandt's work,<sup>9</sup>

Based on the case mentioned above, concerns about ownership right create on works created by artificial intelligence do not enter sense, This matter caused fact that the programs mentioned above only works as tool For support effort artistic, Advances in artificial intelligence have create computer programs more from simply help man, Now artificial intelligence can do things in a way independently, create output, and even make evaluation creative without help man,

<sup>7</sup> Assinen, S. (2018). Thesis: European Union Copyright Protection for AI-Generated Works. Pg, 2

<sup>8</sup> Look article 1 number (3) of the Law Number 28 of 2014 concerning Copyright.

<sup>9</sup> Sutanto, M. (2021). Dissertation: Legal Protection of Creations Produced by Intelligence Artificial, Hasanuddin University. Pg, 41

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Normal people Act as programmer in framework Work this, enters data and algorithms, Although So, assignment main intelligence artificial is For understand command and develop results based on order the, Remember that artificial intelligence plays role important in the process of creation, problems This No can denied, According to view This is intelligence artificial take role creator in the creative process; however, the law right create No discuss rules and consequences creations produced by intelligence artificial, Constitution Number 28 of 2014 concerning Indonesian Copyright (UUHC) regulates work intellectual, incl work scientific, artistic and literary.

See development capable AI technology do action like human, important for a country for own regulations special related with AI.

In Indonesia, Law Number 19 of 2016 concerning Change on Constitution Number 11 of 2008 concerning Information and Transactions Electronics, known as the ITE Law, is effort government For face development technology is growing rapidly in this country, The hope of the ITE Law is: give solution For all problem related technology and systems information in Indonesia, with objective give certainty laws and benefits in handling issue technology, However, in the ITE Law, there is no definition of AI explained with clear, which resulted diverse interpretation from various the party who tried associate AI with existing regulations in the ITE Law.

Within the framework Indonesian law, AI is classified as system electronics and agents electronics, because AI can collect, process, analyze, as well send information electronics, as appropriate with definition system electronic in "Article 1 Number 5 of the ITE Law." Classification of AI as agent electronics also have similarity with classification of AI as system electronics, as AI aims to be do action to system electronic in a way automatic based on order human, appropriate with definition agent electronic in "Article 1 Number 8 of the ITE Law." Within the framework applicable law in Indonesia, AI is not subject law, however only object law,

AI is technology operated by humans, and appropriate with regulations, AI is operated by the organizer system electronic, Organizer system electronic responsible answer as subject law on maintenance system electronics, except in circumstances force (force majeure), as arranged in Regulation Government Number 71 of 2019 concerning Maintenance Systems and Transactions Electronics (PP 71/2019). <sup>10</sup>In context regulations in Indonesia, though The ITE Law tries

<sup>10</sup> Haris, MTAR, & Tantimin, (2022). ANALYSIS OF CRIMINAL LEGAL RESPONSIBILITY FOR THE UTILIZATION OF ARTIFICIAL INTELLIGENCE IN INDONESIA. 1–10. <https://doi.org/10.23887/jkh.v8i1.44408>

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accommodate development AI technology, the definition of AI is still become debate and various interpretations, AI is considered as object legal and classified as system electronics and agents electronic, however, AI is not recognized as subject law, Therefore that, protection law and responsibility answer on use of AI still need attention more carry on,

Government need grow collaboration between AI expert, expert policy, researchers, and experts ethics For approach holistic use of AI in the field policy public, Not losing important For involve community and stakeholders interest in a way active For gather input and build trust in the manufacturing process policy AI based, Framework defined ethics with good, strong data governance practices, efforts collaborative between experts, and involvement an active public is very important for success and responsibility answer deep AI integration making policy public,

### **3.2. Impact The use of AI on human rights**

AI has too bring positive changes and progress in the world of health, With his abilities analyzing big data with hurry up and take it decision in accordance existing patterns and trends, AI has handed significant contribution in medical data management, diagnosis process, treatment, identification healing, and research, AI requires algorithms and data for learn and create decision, Threat linked here is an AI guided by conflicting values with Pancasila. For example, if AI algorithm prioritizes profit financial above values ethics and justice, then can threaten the sustainability of Pancasila as moral foundation for public,

Apart from that, AI is also related with privacy and Freedom Individual, AI requires access to user data For operate in a way effective, Which become threat here is data misuse and breaches possible privacy threaten values freedom individual in Pancasila. For example, the use of AI for monitoring mass without proper authorization can violate right basic man,

Moreover again, in the digital era like moment this, life more become connected and removed demarcation between realm private and public the more makes it easier distribution hoax, Demands suppressing productivity journalism in every country is also following suit give gap hoax For develop fast, Without need explanation more Next,

hoax is news or impressive story credible, right even factual with composition rhetoric that works For herding opinion public or create feeling No believe to a number of party, The core is important A hoax No only picture or fake video footage, but also the news that follows it,<sup>11</sup>

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<sup>11</sup> Hardiyanti, (2021). Character building Based on Pancasila: Explanation of the History of Ideology, Pancasila Ideology, and Its Relevance in the Digital Era.

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AI technology can too make public become individualistic, Progress technology and information give convenience for every individual in operate activity they, However, convenience this can also be done make public become not enough depend on others, so result lack of interaction social and less care to environment surroundings, With thus, p This can leads to individualism in public,<sup>12</sup>

Starting in 1956, scientists start effort beginning For develop intelligence artificial, Artificial intelligence has become popular subject along with progress technology and have experience transformation big in various field, Artificial intelligence has impact big on the way We work, interact, and take decision, and this has become progress technology that has give rise to concerns in various countries.

Recognition and protection of Human Rights Man is one of characteristic from a legal state,<sup>13</sup> Declaration of Human Rights Man for Indonesia has been There is since ancient times, however new pledged as part from guidelines the basis of the state, viz in opening 1945 Constitution <sup>14</sup>. Human rights basically human is freedom basics you have everyone since birth, rights This is default everyone and no can confiscated Because is grace from God Almighty.<sup>15</sup>

With that's it, the truth respect and protection to protect human rights safety existence man in a way intact and present balance, that is balance between rights and obligations, as well balance between interest individual with interest general, The essence of human rights itself is is effort guard safety existence man in a way intact through action balance between interest individual with interest general,<sup>16</sup> So deep fulfill and demand right fulfillment No obligation regardless of must held,<sup>17</sup> One of example Human rights violations that occur in cyberspace are crime child

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<sup>12</sup> Ratri, E. P., & Najicha, F. U. (2022). The Urgency of Pancasila in Instilling the Spirit of Nationalism in the Young Generation in the Era of Globalization, <http://ejurnal.unisri.ac.id/index.php/http://ejurnal.unisri.ac.id/index.php/>

<sup>13</sup> Dosen, EH, Syariah, F., Raden, I., Lampung, I., Endro, J., Sukarame, S., & Lampung, B. (2016). PROTECTION OF HUMAN RIGHTS IN THE LEGAL STATE OF INDONESIA. <https://doi.org/http://dx.doi.org/10.24042/asas.v8i2.1249>

<sup>14</sup> Heri Supriyanto, B. (2014). Law Enforcement Regarding Human Rights Human Rights (HAM) According to Positive Law in Indonesia (Vol. 2, Issue 3).

<sup>15</sup> Kanaya Iffat Husna, S., & Ulfatun Najicha, F. (2023). Pancasila and its Relationship with Human Rights Humans in Indonesia. In Journal of Civic Education: Media Studies on Pancasila and Citizenship (Vol. 7, Issue 2). <https://doi.org/https://doi.org/10.36412/jce.v7i2.7869>

<sup>16</sup> Tri wahyuning Sih, S. (2018). LEGAL STANDING PROTECTION AND ENFORCEMENT OF HUMAN RIGHTS (HAM) IN INDONESIA (Vol. 2, Issue 2). <https://doi.org/http://dx.doi.org/10.24269/ls.v2i2.1242>

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form pornography and cybercrime which reached 1032 cases,<sup>18</sup> Apart from crime child There are also online loans available a number of Indonesian people, loans are made of course not wrong however there is a number of case Where perpetrator online lending No only do billing, but also doing threats and terrorizing, so matter the enter into the case human rights violations,<sup>19</sup>

Rights law basic man Still often experience violations and irregularities in Indonesia. Although so, effort enforcement and regulation law right basic man has done through a number of institutions in this country, Two institutions main role in matter This is National Human Rights Commission (Komnas HAM) and human rights courts, Presence institution institution This expected can increase enforcement law right basic humans in Indonesia. Protection right basic man is based on two steps normative, that is Laws and constitutions, as well role Komnas HAM and human rights courts, Although Already There is governing institution upholding human rights, role active public still very important, Society has role key in determine the extent of the law right basic man can applied with well in Indonesia. Attitude and behavior public influential big to upright law right basic human, fine in value rights the nor in possible actions harm many people.<sup>20</sup>

Apart from society, the state must also responsible answer to protection of Human Rights Man Still is efforts that have not been made reach form as well as perfect goal, There is barriers and excuses for the country to No fully carry not quite enough he answered in his obligations protect right basic man, Countries have not in a way perfect operate his role in protection of Human Rights Man,<sup>21</sup>

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<sup>17</sup> Aji, AM (2015). HUMAN RIGHTS AND OBLIGATIONS FROM AN ISLAMIC PERSPECTIVE. SALAM: Journal Social and Cultural Shar-i, 2(2). <https://doi.org/10.15408/sjsbs.v2i2.2386>

<sup>18</sup> Said, M. F. (2018). LEGAL PROTECTION OF CHILDREN FROM A HUMAN RIGHTS PERSPECTIVE \*. <https://doi.org/http://doi.org/10.33760/jch.v4i1.97>

<sup>19</sup> ST. Nirwansyah, (2021). VIOLATIONS OF HUMAN RIGHTS IN THE ADVANCEMENT OF INFORMATION TECHNOLOGY FOR ONLINE LOANS. 1–8. <https://doi.org/https://doi.org/10.33559/eoj.v4i3.957>

<sup>20</sup> Eka Lestari, L., Raya Sekaran, J., Floor, GK, Semarang, G., & Arifin, R. (2019). ENFORCEMENT AND PROTECTION OF HUMAN RIGHTS IN INDONESIA IN THE CONTEXT OF THE IMPLEMENTATION OF FAIR AND CIVILIZED HUMAN PRINCIPLES. 5(2), 2356–4164. <https://doi.org/https://doi.org/10.23887/jkh.v5i2.16497>

<sup>21</sup> Philip, C. (2016). STATE RESPONSIBILITY FOR THE PROTECTION OF HUMAN RIGHTS ACCORDING TO INTERNATIONAL LAW.

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Technology information has been used for a long time in increase advocacy right basic human, start from utilization technology For fulfillment right basic human, campaign right basic human, up to effort For protect right basic man, As example, in 2016, Microsoft worked The same with the Office of the United Nations High Commissioner for Human Rights Man For support development and utilization programs technology sophisticated predicting, designed analyze, for and respond situation right basic critical human, Use computing cloud (cloud computing) and big data analysis are also example utilization technology For prevent crisis right basic man,<sup>22</sup> So that use technology information can help prevent happen case violation right basic human and also can fulfil right basic man.

#### **4. Conclusion**

Research result showing that government need grow collaboration between AI expert, expert policy, researchers, and experts ethics For approach holistic use of AI in the field policy public, Not losing important For involve community and stakeholders interest in a way active For gather input and build trust in the manufacturing process policy AI based, Framework defined ethics with good, strong data governance practices, efforts collaborative between experts, and involvement an active public is very important for success and responsibility answer deep AI integration making policy public,, Recognition and protection of Human Rights Humans (HAM ) are one characteristics of a rule of law state, and Indonesia has recognized human rights for a long time, incl in 1945 Constitution. Human rights are freedom basics you have every individual since birth, and respect as well as protection to protect human rights safety existence man through balance rights and obligations, Although However, human rights violations continue often happens, esp in context law in Indonesia. More Furthermore, human rights protection depends on laws, constitutions, roles institution like Komnas HAM, and participation active public, Temporary that, deep context technology information, there is effort For increase human rights advocacy through utilization technology, Microsoft works The same with the UN for develop a REFERENCE LIST of technologies that can respond critical human rights situation, Technology information is also available help prevent human rights violations with utilise computing cloud and big data analysis, However, although There is effort For increase protection of human rights through technology, there is convey challenge values in Pancasila to generation exposed youth technology, Pancasila plays role key in arrange life society, nation and

<sup>22</sup> Hanafi, I. (2022). Book II Compilation of Human Rights Education Conference Papers, <https://www.researchgate.net/publication/367335848>

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state in Indonesia, including in development and utilization Technology Intelligence Artificial (AI).

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