THE STUDY ON THE CORONAVIRUS PANDEMIC USING HUMAN RIGHTS AND HUMAN SECURITY APPROACH

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ABSTRACT

In March 2020, The World Health Organization (WHO) finally announced a coronavirus or Covid-19 disease outbreak as a pandemic. According to WHO, the status of a pandemic is determined if a new disease has not had an antidote against the spread of the virus in regions of the world. The virus attacked individuals and no doubt the impact on people is significant, which relates to the security of the people and human rights aspects. The article explores the argumentative basis of human security and further analyzes the problem, strategy and needs in the lens of human rights related to pandemic in the framework of human security. It aims to analytically describe human security approaches in relation to the COVID-19 with human rights perspective through the common pattern of threat identified worldwide and plausible strategies based on literature study. The state strategy addressed in the article exists as a set of examples of best practices and/or critics toward the policy with materials provided by journals. The article uses a qualitative approach with a systematic literature study based on human security framework with human-right analysis and results in a generic set of human security frameworks for COVID-19 with the perspective of human rights.

Keywords: pandemic; corona virus; covid-19; human security; human rights.

INTRODUCTION

Approximately, two months after Coronavirus outbreak in Wuhan, World Health Organisation (WHO) declared the outbreak as a pandemic. The COVID-19 speedily spread out across the globe within less than six months. The pandemic has made severe problems including socio-economic disruption, postponement or cancelation of sporting, religious, and cultural event the widespread of fears of supply shortages resulting in panic buying, misinformation about the virus, and some incidents of xenophobia and discrimination against Chinese people and East Asia including Southeast Asia. The pandemic is a threat to human security. It poses as a new threat to international peace and security. As a threat

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that severely affected human, this article mainly focus on the human security and human rights by exploring the answer to the question on how the threat should be responded accordance to human security framework and human rights perspective.

Human rights and human security are interlinked on which the existence of human rights is to protect the human security, particularly described under article 6 of ICCPR (International Covenant on Civil and Political Rights). As an approach to security, the human security has started bigger after the cold war. It is necessary to use this approach by looking into its advantages of having this approach to respond to pandemic threat. According to the Commission on Human Security (CHR) at the United Nations, there are two sets of reasons using human security as an approach to security.

First, human security is needed in response to complexity and the interrelatedness of both old and new security threats - from chronic and persistent poverty to ethnic violence, human trafficking, climate change, health pandemics, international terrorism, and sudden economic and financial downturns. Such threats tend to acquire transnational dimensions and move beyond traditional notions of security that focus on external military aggressions alone.

Second, human security is required as a comprehensive approach that utilizes the wide range of new opportunities to tackle such threats in an integrated manner. Human security threats cannot be tackled through conventional mechanisms alone. Instead, they require a new consensus that acknowledges the linkages and the interdependencies between development, human rights and national security.

The UN Comission of Human Security’s report in Human Security Now defines human security as follows,

... to protect the vital core of all human lives in ways that enhance human freedoms and human fulfillment. Human security means protecting fundamental freedoms - freedoms that are the essence of life. It means protecting people from critical (severe) and pervasive (widespread) threats and situations. It means using processes that build on people's strengths and aspirations. It means creating political, social, environmental, economic, military and cultural systems that together give people the building blocks of survival, livelihood and dignity.

The traditional model unable to respond to the challenge of the Covid-19 because the disease reveals the underlying social, ethnic, and gender inequality on which it cannot be regarded as public health challenge merely. Of course the concept has some weaknesses, as any other ideas, but the human security should go beyod theory and imperfectness into “a normative compass in favour of the everyday experiences of insecurity and deprivation”. It is further undelined by other research in Indonesia on which Covid-19 is thrrehen human life, well-being, and human dignity where many social problem, like stigma, entail.

The coronavirus pandemic has brought government of all nations to shift the national security into human security. This article aims

10 Ibid: 16.
to analyze the COVID-19 problems in relation to human, which further can be used to develop a strategy by the state to respond to the pandemic.

**METHOD**

The study uses the qualitative method with descriptive and cluster analysis. Qualitative method encourages understanding of the substance of an event. Thus, qualitative research is not only to fulfill the researcher’s desire to get an overview/explanation, but also help to get a deeper explanation. This is a preliminary desk research to see the correlation of the coronavirus pandemic with the human security life. The data obtained from secondary resources that are accessible to public. Its reliability was considered though triangulation method by comparing between one information to the others using the credible website. The data used in this article is from journal, book, report, videos, news related to human security and pandemic. It is further analyzed using human rights perspective through the framework of human security theory and described narratively as how the framework compared to the impact caused by the Covid-19 pandemic.

Human rights perspectives are reflected to the analysis of the human security, especially taking into account the human security principle on all-people, which associated with non-discrimination and equality. People with different ability need to be taken into account.

The data gathered and clustered using UN human security approach. It is categorized into seven factors of human security identified under the multi-sectoral aspect (Table 1).

<table>
<thead>
<tr>
<th>Type of Security</th>
<th>Definition</th>
<th>Threat</th>
</tr>
</thead>
<tbody>
<tr>
<td>Economic Security</td>
<td>An assured basic income</td>
<td>Poverty, unemployment, indebtedness, lack of income</td>
</tr>
<tr>
<td>Food Security</td>
<td>Physical and economic access to basic food</td>
<td>Hungers, Famines, and the lack of physical and economic access to basic food</td>
</tr>
<tr>
<td>Health Security</td>
<td>Protection from disease and unhealthy life styles</td>
<td>Inadequate healthcare, new and recurrent diseases including epidemics, pandemics, poor nutrition, and unsafe lifestyles</td>
</tr>
<tr>
<td>Environmental Security</td>
<td>Healthy physical environment</td>
<td>Environmental degradations, natural disasters, pollutions, and resource depletions</td>
</tr>
<tr>
<td>Personal Security</td>
<td>Security from physical environment</td>
<td>From the state (torture), other states (wars), group of people (ethnic tension), individuals or gangs (crime), industrial, workplace, or traffic accidents</td>
</tr>
<tr>
<td>Community Security</td>
<td>Safe membership in the group</td>
<td>From the group (oppressive practices), between groups (ethnic violence), from dominant groups (e.g. indigenous people vulnerability)</td>
</tr>
<tr>
<td>Political Security</td>
<td>Living in society that honors basic human rights</td>
<td>Political or state repression, including torture, disappearance, human rights violations, detentions and imprisonments</td>
</tr>
</tbody>
</table>

**Table 1**

Type of Human Security

*Source from Kaji Ulang Indeks Keamanan Manusia, drafted by Edy Prasetyono Ph.D., Riefqi Muna Ph.D., Mahmud Syaltout Ph.D supported by Bappenas and UNDP.*

The current COVID-19 event is analyzed by making connection to the framework established in order to develop a framework of the COVID-19 threat and capacity needs under human security framework. For the purpose to sharpen the study,
the limited quantitative method is used through data analyzing and real-life case situation of particular countries.

DISCUSSION

A. Human Security as A Security Approach

The posture of the current security approach is changing compared to cold war. State can no longer become the only threat. The concept of threat is transformed into different formats where can be borderless and without any relation with military activity. It is understood as the non-traditional security or contemporary security.14

The significant contribution to the non-traditional security is coming from Buzzan and Copenhagen Schools who widening the concept of security as describes bellow;15

Security is taken to be about the pursuit of freedom from threat and the ability of states and societies to maintain their independent identity and their functional integrity against forces of change, which they see as hostile. The bottom line of security is survival, but it is also reasonably includes a substantial range of concerns about the conditions of existence.

Individual security is related to the need and rights that can result on the safety and security of community and individual and the human security factors. A study on conjugal visit for inmates indicates that the management of the visit through the family programme helped to lessen the sexual violence.16 Even though this issue is important, but it also needs to be taken into account precisely, as the case of Uzbekistan, the arrangement of such visit was actually nurturing the prostitution.17

The militaristic approach to the security which was familiar during cold war is shifting into the human security, societal security, environmental security, and economic security. Thus, the terminology of security has a broad understanding and vary that leads to the consideration of having another word follows after security. Based on that, the security can be categorized into (1) international Security and Global Security for the World Level, (2) National (State) Security for state level, (3) Public Security and Order for societal level, and (4) Human Security level for individual level. There is also another category of security that is viewed based on the area national, regional, international, and global.18

It was stated the human security was actually born long before cold war. As an idea, it was started since the establishment of International Red Cross in 1896.19 The idea is further approved in “UN Charter” in 1945 and “Universal Declaration of Human Rights” in 1948. The intellectual origin was started in 1970s, but it was not rapidly developed because of the dominant approach on security namely traditional security approach due to cold war.20

In the field of international relations, the concept of human security is highly debated between two main thoughts: UNDP perspective and Canadian School. The UNDP identifies in its report on The New Dimensions of Human Security that human security has two main aspects. The first aspect, human security is understood as safety from chronic threats such as hunger, disease, and repression. The second aspect, human security is a protection from sudden and hurtful disruption in the patterns of daily life-whether in home, jobs, or communities.21 This approach is known as a human

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17 Ibid: 98.
21 United Nations Development Program (UNDP),
security apporach on ‘freedom from want’. The UNDP argues that this approach cannot be realised by prioritising different issues, but has to be in the framework that takes into account the impact of seven factors (physical security, political security, community security, food security, health security, environmental security, and economic security), which affect person.

Another approach to human security is related to what has been applied by states, one of them is Canada. The Canadian government, in its foreign policy, described its focus on human security in relation to the civilian protection from violent conflicts. The Canadian perspective argued that human security was security against economic privatization, an acceptable quality of life, and guarantee of fundamental human rights. This perspective identified as a human security approach on ‘freedom from fear’.

The two approaches of human security have opposite in character. One can argue, like David Bosold and Sacha Werthes, that the argument and/or the divergent shows how difficult to implement the concept at the policy level. The Canadian government use the protection approach of human security, which is related to top-down intervention. On the other hand, UNDP used the empowerment perspective to the human security approach that closely associated with bottom-up characteristic, but this actually happens because two approaches are different security category and threat. The freedom from fear is used by the state under the state category framework by referring to its national standards, whereas the UNDP’s freedom from want is operated under the category of individual security in the framework of international cooperation among civilized states.

The selection of the approach is based on the threat addressed. Canada used the human security approach for its foreign policy in 1996. Padelford and Lincoln argued that “A State’s Foreign Policy is totality of its dealings with the external environment. Foreign Policy is the overall result of the process by which a state translates its broadly conceived goals and interests into specific courses of action in order to achieve its objectives and preserve its interests”. Two functions of foreign policy can be extracted from Padelford and Lincoln’s definition; first, foreign policy is to attain its conceived goals and second, to pressurize its national interests. The UNDP’s human security perspective is looking into internal threat which is described as localised threat. It can be specific between states and local government. It is varied between states and local government because of their different situation of the seven factors of UNDP human security framework. Both approaches have also different referent object. The UNDP’s approach has a referent object of individual person in a state or local government. On the other hand, the Canadian perspective of foreign policy saw the referent object of individual outside the country.

In solving the debate, finally the Human Security Unit at the UN issued a framework to operationalize the human security concept, which accommodates protection side (the Canadian perspective) and empowerment aspect (the UNDP’s paradigm). While the human security focuses on all people, the human rights-based approach as perspective to have attention to most marginalized, excluded or discriminated against. This often requires an analysis of gender norms, different forms of discrimination and power imbalances to ensure that interventions reach the most marginalized segments of the population. In relation to the impact of COVID-19, the


23 Ibid: 87.
25 Ibid: 86.
orientation is focused on the most at risk of being left behind.30

B. Human Security to Pandemic: Identifying Threats

Human Rights is certainly under threat in the pandemic situation, especially on the issue related to emergency constitutional law.31 The threat posed under the framework of human security analysis is driven from the seven category that UNDP describes as seven factors. Table 2 below shows how the threat reflects under the framework.

Table 2.
Type of Threat related to Human Security Based on Human Security Framework

<table>
<thead>
<tr>
<th>No</th>
<th>Type of Security</th>
<th>Examples of Main Threat</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Economic Security</td>
<td>Persistent of poverty, Unemployment, gender inequality in labor market</td>
</tr>
<tr>
<td>2</td>
<td>Food Security</td>
<td>Hunger, famine.</td>
</tr>
<tr>
<td>3</td>
<td>Health Security</td>
<td>Deadly infectious disease, mental health, unsafe food, malnutrition, lack of access to basic health care.</td>
</tr>
<tr>
<td>4</td>
<td>Environmental Security</td>
<td>Environmental degradation, resource depletion, natural disaster, pollution.</td>
</tr>
<tr>
<td>5</td>
<td>Personal Security</td>
<td>Physical violence, crime, terrorism, domestic violence, child labor.</td>
</tr>
<tr>
<td>6</td>
<td>Community Security</td>
<td>Inter-ethnic, religious and other identity-based tension</td>
</tr>
<tr>
<td>7</td>
<td>Political Security</td>
<td>Political repression, human rights abuse.</td>
</tr>
</tbody>
</table>


Basically, any issues related to human security is analyzed within the framework. In relation to COVID-19, the framework is further analyzed with the cause effect to particular type of security that commonly emerges in most countries. Corona virus, identified as SARS-CoV-2 (also associated as HcoV-19), is the seventh coronavirus infected human.32 The pandemic is the direct threat to health particularly on the issue on Critical National Infrastructure.33 The pandemic mostly hit the people. Clark describes below.

When a pandemic strikes, the biggest initial impact will be on people. Employees will be taken ill and some may well succumb to the contagion which in turn could have the effect of traumatising fellow workers. There will be those who are too scared to come to work and with an almost inevitable public transport disruption, there will be those who have no means of getting to work. Some may have to look after children, if schools are forced to close, or they may become carers for sick family members. Others could be forcibly quarantined because they have been exposed to the disease.34

The similar affect made to COVID-19. Any related policy can certainly make impact to people particularly the vulnerable one. For this COVID-19, the economic impact hit those with limited income and self-employed or working in informal environment in gig economy or in part-time work in zero-hour contracts.35 Indonesia unemployment rate increases from 5.7 to 7.5 due to COVID-1936 because of the pandemic, similar to USA.37 Besides economic problem in relation to
COVID-19, the personal security also arises.

The human cost is merged from the deaths of friends and family to the physical effects of infection and the mental trauma and fear. Panic and feel being denied life-saving protection or treatment may lead to panic buying. The symptoms of traumatic stress, confusion, and anger, all of which are exacerbated by fear of infection, having limited access to supplies of necessities, inadequate information or experience of economic loss or stigma are unavoidable. Most countries' policy is locking down and/or staying at home to prevent the spread of virus. The policy increased a level of stress, if it analyses using the hierarchy of human needs. In level one, the immediate psychological need creates hunger, thrust, sex, elimination, and sleep, which can be an issue of ‘panic buying’. In the level two of the human need, the need of social protection indicated that the lockdown policy met self-protection need became ‘normal’ and individuals experience frustration systematically in order to ensure self and family protection. If the individuals consume alcohol and drugs to overcome their fears, aggressive behavior can turn into violent behavior to family especially to women and children. In the end, it increases the numbers of homicides and suicides.

Based on the data gathered by WHO, there was a 25% massive increased of global rates of anxiety in the first year of the COVID-19 pandemic. It was identified that the worst deterioration occurred in the areas worst-hit by COVID-19 -where infections were high and social interaction was restricted. In Japan, for the first time, the rate of women suicide reach to the highest because of economic impact caused by Pandemic. Only in October 2020 alone, 879 women ended their lives, almost a double than previous year. The case of Nazuna Hashimoto, a suicide-attempt survivor, she got panic attacks when the pandemic started and began to feel unstable. When the society engulfed with panic of the Pandemic, she began her first attempt, but they are unsuccessful. Not quite long after the attempt, some people in her apartment’s neighborhood made a similar effort.

According to WHO study on the pandemic’s impact, several key findings are relevant in relation to mental health aspect related to Pandemic: (1) There was a significant increase in mental health problems in the general population in the first year of the pandemic. (2) Though data are mixed, younger age, female gender and pre-existing health conditions were often reported risk factors. (3) Further research on mental health and COVID-19 among specific at-risk populations and in Many low- and middle-income countries (LMICs) is needed.

46 Ibid.
49 Ibid.
(4) Exhaustion (in healthcare workers), loneliness and positive COVID-19 diagnosis increased risk for suicidal thoughts.

(5) Reports indicated that disruptions were in-part mitigated by shifting services towards e-mental health care.

(6) Inadequate infrastructure, pre-existing inequalities and low levels of technological literacy were reported e-health barriers.

(7) Many evidence-based psychological interventions for mental disorders were available before the COVID-19 pandemic.

(8) Psychological interventions studied were effective at preventing or reducing pandemic-related mental health problems, though data is limited.

Social inequalities merged to be one of the impacts of pandemic. Many studies have conducted research whether the changes in time use due to lockdown measures are the same for women and men. Between March and May 2020 (UK 1st lockdown), British men were found to be more likely to be furloughed or dismissed from work than women.51 In the UK, BAME (Black, Asian, and Minority) immigrants are more likely to experience economic hardship right after the first lockdown.52 People with low education and low income suffer substantially during the pandemic. They greatly increase the likelihood of losing their job and income in countries such as Canada53, United Kingdom,54 and the United States55. Many of those with low education are trapped in low-skilled jobs with tight financial constraints. As a result, the underprivileged group reported a high degree of difficulty during the UK’s first lockdown.56

Feeling rejected and discriminated occurred to those who get the disease and whose her/his family died because of COVID-19. In Iraq, a man waited for one week for the burial of his elderly father after COVID-19 because every cemetery in his province refused to accept his body.57 The same case happened in Indonesia and in Italy. East Java Governor of Republic of Indonesia, Khofifah Indar Parawansa, has also tried hard, to remind people that their refusal to allow the burial of the dead goes against the teachings of every religion.58 This can also be related to data. It can support the targeted population, but also has to be treated carefully because it can accidently increase stigma for affected populations.59 This would certainly impact their economic situation and may negatively impact access to care and ability to pay for care.60

In relation to personal security in China, Jianli County, which is administered by Jingzhou, had received 162 reports of domestic violence in February — three times more than the 47 reported during the same month the previous year. The number of cases reported in January had also

60 Ibid: 328.
doubled compared with the same period last year.61 In Milan, the family of a coronavirus victim had to keep the corpse for 36 hours because ambulances refused to carry the body. This has happened in other places hit hardest by the virus.62 Crime is also increased in Mexico and Indonesia. In March, the homicide reached to highest figure since 1997, which is registered 2,585 homicides.63 In capital city of Indonesia, Jakarta, crime increased up to 10% during COVID-10.64

Regarding environmental security, animal is being abandoned and forest can be at risk. Due to lock down policy and/or social distancing, the team of forest protection cannot get out to do their job.65 Furthermore, animals are abandoned with hunger and starving or being killed start of the outbreak.66 The animals can also be infected with the virus.67

Human rights violations as well as political repression during COVID-19 can be heightened. According to the freedom tracker developed by International Center for Not-For-Profit Law (ICNL),68 there are 30 countries with measure that affect expression, 111 countries affect assembly, and 27 countries affect privacy.69 Inadequate hospital happened in part of world such as United States of America, Serbia, Latin America. Journalist Ana Laic was arrested because of her report on inadequate hospital facilities for Coronavirus.70 In Indonesia, expression made from victims is essential, such as Aksi Kamisan, for voicing justice,71 despite of the pandemic situation.

Based on the description on the Coronavirus impact to people, the type of threat caused by covid-19 pandemic can be described in the table below.

<table>
<thead>
<tr>
<th>No</th>
<th>Type of Security</th>
<th>Main Threat</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Economic Security</td>
<td>Unemployment</td>
</tr>
<tr>
<td>2</td>
<td>Food Security</td>
<td>Limited supplies and necessities</td>
</tr>
<tr>
<td>3</td>
<td>Health Security</td>
<td>Lack of Health Infrastructure</td>
</tr>
<tr>
<td>4</td>
<td>Environmental Security</td>
<td>Animal being abandoned and hunger and got COVID-19.</td>
</tr>
<tr>
<td>5</td>
<td>Personal Security</td>
<td>Domestic violence, criminal act (homicide, street violence, vandalism) and stressful symptom.</td>
</tr>
<tr>
<td>6</td>
<td>Community Security</td>
<td>Ignorance, discriminated and rejected</td>
</tr>
<tr>
<td>7</td>
<td>Political Security</td>
<td>Critical National Infrastructure on pandemic and rights violations particularly on right to health, political repression</td>
</tr>
</tbody>
</table>

Source: The author develops this table based on the data analysis.


69 Ibid.

C. The Human Security Strategy on Pandemic

The Human Security Unit at the UN made details the UNDP concept on human security in the *Human Security in theory and Practice*. It is explained specifically on how to operationalize the human security concept. It starts from looking at the operational perspective that looks into five characters of human security: (i) people-centered, (ii) multi-sectoral, (iii) comprehensive, (iv) context-specific, and (v) prevention-oriented. In addition, human security employs a hybrid approach that brings together these elements through a protection and empowerment framework.

With regard to human security strategy to pandemic, the following framework can be taken into account adapted from human security framework and adjusted to the pandemic situation.

**Table 4.**

<table>
<thead>
<tr>
<th>Human Security Components</th>
<th>Strategies to enhance protection and empowerment</th>
<th>Capacities needed</th>
</tr>
</thead>
<tbody>
<tr>
<td>Economic Security</td>
<td>Access to basic income; Private sector and self-employment</td>
<td>Economic capital Human capital</td>
</tr>
<tr>
<td>Food Security</td>
<td>Entitlement of basic necessity</td>
<td>Assuring local and national distribution</td>
</tr>
<tr>
<td>Health Security</td>
<td>Access to basic health care and health services Safeguarding the health supplies and health worker</td>
<td>Universal basic education and knowledge on health and related matters Access to information and community-based knowledge creation Health critical infrastructure</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Environmental Security</th>
<th>Sustainable practices for animal protection Early warning mechanism</th>
<th>Animal protection strategy Natural resource capital</th>
</tr>
</thead>
<tbody>
<tr>
<td>Personal Security</td>
<td>Rule of Law Protection of human rights Gender–based treatment</td>
<td>Coping mechanism Adaptive strategy Gender-based channel</td>
</tr>
<tr>
<td>Community Security</td>
<td>Explicit and enforced protection of ethnic groups and community identity Protection from oppressive traditional practices, harsh treatment toward women, or discrimination against persons and family of COVID-19 and/or minority group.</td>
<td>Social capital Coping capital Adaptive strategies Memory of past disaster Local non-governmental organisation / tradition organisms</td>
</tr>
<tr>
<td>Political Security</td>
<td>Protection of human rights Protection from political or state repression</td>
<td>Good governance Ethical standards Accountability mechanism</td>
</tr>
</tbody>
</table>


Table 4 above is taken from the analysis of the overall human security components regarding COVID-19 threat in correspond to the strategy and capacity need to handle the threat. The strategy and the need are common to all states and/or related to best practices by looking into similar pandemic situation. Looking into past history, many countries have neglected some dimensions related to health in facing the pandemic. According to self-assessment made by WHO member countries, even though there is an improvement over the year (between 2013 and 2014), there is still a lack of health system capacity in terms of preparedness, human resource capacity and at points of entry.
including airport and ports. The key problem is in relation to failure of information and technology, including health information system, community mobilization strategy, health worker protective equipment, rapid diagnostic test, vaccine, and therapeutics especially in lower income countries such as countries in Africa region. It corresponds to the capacity needed proposed in the framework related to health, particularly on health critical infrastructure in Asia region, which are rich of cultural diversity, underlines the important of ethical and legal aspects of pandemic planning to be appropriate to local context. It is not suggested to look at the security issue into a national security perspective, but rather than taking into consideration insecurity of individuals.

In relation to human rights perspective, all of the seven factors need to be taken into account on the human rights perspective. Taking an example on the health security factor, the attention should be taking into account on the special need of individual including the one with the schizophrenia. In Indonesian context, the right of people with schizophrenia are less protected. It can be seen in the minimum of policy and instruments at local level to support it.

The WHO acknowledged the need of data and research from many disciplines to tackle health, economic, and social challenges caused by COVID-19. The meeting held in Geneva on 11-12 February 2020 where the scientists, member states representatives, public health professional, donors and private sectors representatives came to consensus on priority to speed up the response to COVID-19. Social sciences marked the most, which includes psychology, anthropology, behavioral science, political science, and social epidemiology that helps official to develop and implement policy. The overall of social science approach is linked to human security approach to strategy. Coping mechanism, in term of personal security, is relevant to be addressed especially in relation to overcome the frustration and stressful because of lockdown and/or ‘stay-home’ policy as discussed in the earlier section. The mechanism suggested by experts is related to development of exercises though development of a peer-support group.

Most countries got their economy hit. Countries like United Kingdom, Belgium, France, and the Netherlands have developed a multi-sector single country computable model. The model-analyzed sectors caused by pandemic in order to mobilize sources for economic capital, which consists of agriculture, retail, hotels and restaurants, freight and public transport, tourism and travel, post and telecommunication, insurance, education, health and social work, non-essential items, and others. The scenario of modeling identified that retail was the most impacted in Belgium and France, similar to UK and the Netherlands, but only that UK had smaller impact in agriculture whereas the Netherlands almost

79 Ibid.
80 Ibid.
81 Matias, Loc. Cit.
83 Ibid: 547.
with no impact.\textsuperscript{84} Human capital strategy can look at Japan and South Korea. These countries have a stable unemployment rate during time of crisis, such as COVID-19. The Bloomberg economist Justin Jimenez analyzed these caused by the structural labor market rigidities in economy.\textsuperscript{85}

Country cannot work alone. It needs help from global community which might include stimulus packages with explicit actions to improve the economic situation of the developing countries, a sustained cooperation with financial support sector to support business especially small enterprises and solve the structural challenges related to economic.\textsuperscript{86} The International Labour Organisation indicated 25 million over unemployment worldwide because of COVID-19, which leads to a situation where country should prepare a scenario of placing a decent work, health, and educational opportunity for all especially for the poor and vulnerable ones.\textsuperscript{87}

Food security and environment security have relation to natural resources. Natural capital need to be accounted seriously by taking into account Common Agricultural Policies (CAP) through (1) having a balance sheet of natural assets to consider future liabilities including its advantage in term of crisis; (2) creating a natural capital balance sheet; (3) providing assets for maintenance; (4) compensation and offsetting when damage occur especially in term of crisis such as pandemic; (5) a plan for rebuilding natural capital assets base; (6) embedding natural capital into public policy.\textsuperscript{88} The availability of the natural capital can secure the availability of the food. Social capital develops to another set of need to have in relation to community security. It provides benefits in time of crisis and it shows that the high social capital community respond more effectively than those with low social capital.\textsuperscript{89}

There are three types of social capitals: (1) bounding; (2) Bridging; and (3) linking. Each of them is linked to another and distinct because each represents different element of social capitals. In relation to COVID-19, these three types of social capital are necessary of effective response and sustainable recovery. The use of technology and/or social media can also be helpful.\textsuperscript{90}

Each of seven factors does not work alone. They enforce one another which make the framework work. The vulnerability should be assessed in developing the strategy and capacity affected in the community as well as assessment help to prevent and mitigate reassurance of insecurities.\textsuperscript{91} The framework is working in the light of protection and empowerment by designing the strategy bottom-up and top-down approaches.\textsuperscript{92}

In Indonesia context, the opportunity of having the human security approach to Pandemic is possible in the lense of human rights. Indonesia has National Action Plan on Human Rights. The action can be a powerful tool policy implementation of pro good and healthy environment,\textsuperscript{93} as can be regarded as human security.

D. State Strategy to Covid-19

Under the human rights context, the responsibility to respect, protect and fulfill the rights is on the State. In regard to human security approach to respond to the pandemic, the state can make an active response by using the strategy as means to respect, protect and fulfill the rights. Such responsibility can be integrated in the state policy through policy on human rights. Indonesia has this action and equipped with the services by the regional office of Law and Human

\begin{itemize}
  \item \textsuperscript{84} Ibid: 548.
  \item \textsuperscript{85} Wirayani, Loc. Cit.
  \item \textsuperscript{87} Ibid: 162.
  \item \textsuperscript{90} Ibid: 943.
  \item \textsuperscript{91} United Nations Trust Fund for Human Security. Loc. Cit.
  \item \textsuperscript{92} Ibid.
  \item \textsuperscript{93} Firdaus, F. Op. Cit: 28.
\end{itemize}
Rights.\textsuperscript{94} Certainly, it needs to be supported of the good governance and its assurance such as monitoring the performance of the state apparatus in giving public service. Indonesia has an effort on this in relation to the establishment of Integrity Zone (ZI), Free Corruption Zone (WBK), and Serving and Bureaucracy Zone (WBBM),\textsuperscript{95} which is supported through bureaucratic reform programme.\textsuperscript{96} The existence of e-governance could also provide the prospect of effective strategy. As access to information is part of human rights, public information disclosure can maximize the monitoring system.\textsuperscript{97} In Indonesia, the presence of SIMWAS (monitoring system application) could actually assist the management of the monitoring system,\textsuperscript{98} which could be the instruments to assurance the strategy of the human rights through human security framework.

Countries mentioned before have opportunity to use the human rights policy and maximize the policy implementation through the monitoring system. The aforementioned states described in this article are only those with data availability and correspond to human security, particularly on health security. It does not necessarily to be best practices, but it can also be critics toward the policy.

In Samoa, a country with high degree of international tourism enforced a strict public health regulation.\textsuperscript{99} It further stressed the important of having the well-equipped state of heart diagnostic facilities, public health control centers, and highly trained personnel on contagious disease.\textsuperscript{100}

In Brazil, the government decided to securitize health issue by putting COVID-19 as a matter of defense instead of public health.\textsuperscript{101} It has been highly criticized because it brings result of dangerous consequences. Specialists advocated the country for not framing the COVID-19 as conflict, but as a crisis that demands doctors and public health, not military generals.\textsuperscript{102} It might be the reason why currently Brazil is the third highest number cases of coronavirus in the world.\textsuperscript{103}

In Pakistan, the COVID-19 creates a severe condition, especially if the government decided to complete lockdown, instead individuals are encouraged to take steps towards minimizing risk by staying in the house and mobilizing themselves.\textsuperscript{104} The government further calls for help from international communities for dealing with the pandemic.\textsuperscript{105}

Responsive countries usually have ability in planning and interagency coordination when they respond to national emergency preparedness such


\textsuperscript{100} Ibid: 798.

\textsuperscript{101} Matheus Hoffmann Pfrimer and Ricardo Barbosa, Jr. “Brazil’s war on COVID-19: Crisis, not conflict—Doctors, not generals.” Dialogues in Human Geography. Volume: 10 Issue: 2, page(s): 137-140

\textsuperscript{102} Ibid: 139.


\textsuperscript{105} Ibid: 2.
as Taiwan, Singapore, and South Korea. In 2012, Taiwan has released the third edition of pandemic guideline that identified five lines of defense to pandemic; (1) limiting travel abroad; (2) border control; (3) control on epidemic handling in community; (4) maintenance of function and health system, and; (5) protection for individual and family. The government of Taiwan activates Center Epidemic Command Center (CECC) to integrate resources and cross-sectoral coordination.

In relation to coordination, Singapore developed the inter-ministerial committee. The Country also develops a comprehensive pandemic mitigation system called Disease Outbreak Response System Condition, which proven to be effective to prevent the spread of COVID-19. The country implements social distancing and quarantine policy strictly through internet-based system in education and businesses, stay-home-notice, until fine up to SGS 10,000 for breaching the regulation, including six months of imprisonment. All people who enter Singapore and show indication of fever and hard breathing are obliged to undergo COVID-19 test in the assigned check points. The country routinely updates the latest information, subsidized COVID-19 check-up for Singapore citizen and permanent residence and actively collects fund, called Courage Fund, to be channeled to community with different kind of assistance skims.

In South Korea, Korea Center for Disease Control Prevention (KCDCP) under Ministry of Health and Welfare (MoHW) is responsible to conduct test in community and handling positive cases. Each municipal organizes Local Disaster and Safety Countermeasures Headquarters which is led by regional government to determine hospital provided for infectious disease and additional capacity. The country implements Enhanced Social Distancing Campaign that closed religious places, gym, and entertainment places including fine of 3 million KRW for business who breach the rule. South Korea also supports funding assistance for industry and business sector effected by COVID-19 and strengthening the policy related to COVID-19, which are channeled through voucher consumption, tax reduction, and rent facilities reduction. The financial support is further added to fund for the family allowance, prevention and treatment of the COVID-19, supports for household and local and small and medium enterprises.

In contrast, even though the government of United States of America has conducted some supports to prevent, treat and reduce the COVID-19, but the country has to pay his earlier ‘ignorance’ and ‘underestimated’ comments made by the president that led to slow response toward COVID-19. President Donald Trump tends to give speculative comments and no evidence supports to his opinion including related to vaccines and time when COVID-19 end.

CONCLUSION

The COVID-19 affected human is a threat to human life that plausibly uses the human security framework for responding the threat. In order to effectively use the framework, the seven factors need to be considered and how it interacts to one another. The set of human security framework to COVID-19 is taken from systematical analysis of the common effect as threat and reasonable strategy and equitable need in most country and/
or based on research made by scientist. It will be tricky when the framework operationalizes at the state level if only based on this article. This article only describes the general overview of the human security of pandemic in the world. It only provides as vision if state plans to use human security in respond to the pandemic.

It is important that State integrates the human rights perspective through human security approach by assuring the mechanism through monitoring system and management of e-government for effective and efficiency the use of the strategy. The human rights perspective through human security framework which responds to Pandemic actually aims to improve the management of crisis in regard to pandemic in sustainable way. The general framework that has been developed in this study might help to identify the contextual-state approach on human rights perspective through human security framework.

**RECOMMENDATION**

The global pandemic is something that state needs to take a lesson to respond for the possible next pandemic in more human orientation approach. The human rights perspective through human security framework aims to accommodate the individual aspect of security and rights for more sustain and strategic method in responding the Pandemic. However, the study has to be supported with the state context, which cannot be generalized using the framework addressed in this study.

Thus, the study suggests the state to develop its human security approach with its specific strategies that correspond to state level needs and obstacles. Different state has different situation in specific issues, but they have some similarities. The similarities are taken into account into this article, which cannot be the sole argument for the state strategies. In the state level, one of the most common strategies is accuracy in data and information and funding supports. The things make difference in term of successfulness is when the state seriously commits to handle to pandemic through words and deeds.

To cope with negative impact of COVID-19 pandemic using human rights and human security approach at national level, the state needs to pay attention of the seven sectors of the human security approach for the most marginalized and at risk of being left behind. Different country may perceive different group at risk. For example, migrant China in US might pose greater risk to be discriminated because the population tended to acknowledge Covid-19 caused by China. It is similar in UK with BAME immigrants. However, in Indonesia, people living in poor and rural area have problems in accessing the treatment. They are also excluded by community as the case of rejected dead person in East Java. In Japan, woman has to get more attention as the woman suicide is increased during the Pandemic.

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