

DISASTER MANAGEMENT:

AN ECONOMIC AND HEALTH APPROACH

**Ari Setiawan, Novita Rina Antarsih, Marni Br Karo,
Afita Nur Hayati, Fitriah Husnatarina, Ani Kusumastuti,
Rina Septiani, Yusran Hasymi, Brennan S.**



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Preface

Thanks to all parties for the completion of this book. There are quite a lot of books that discuss disasters. But this related reference is still very much needed.

Disasters that occur are part of human life and a phenomenon that is currently common. The readiness of various countries and also all parties needs to be considered. In this regard, this book is here to provide references related to disasters from health and economic perspectives.

I hope this book will benefit you and enjoy reading. Sorry if there are still various errors in writing. Hope it is useful.

publish

Contents

Preface	iii
Contents	iv
Chapter 1	1
Development Of Disaster Management	1
<i>Ari Setiawan & K Kedern</i>	1
Chapter 2	6
Family Resilience In Facing Disaster	6
<i>Rina Septiani</i>	6
Chapter 3	17
Reproductive Health Services In Disaster Situations	17
<i>Novita Rina Antarsih</i>	17
Chapter 4	30
Disaster Risk Reduction Training On Disaster Preparedness In The School	30
<i>Yusran Hasymi, Husni, Asmawati</i>	30
Chapter 5	42
Circular Economy For Disaster Management	42
<i>Fitria Husnatarina</i>	42
Chapter 6	52
Women and Disaster	52
<i>Afita Nur Hayati</i>	52
Chapter 7	64
Adolescent Reproductive Health Service in Disaster Situation	64
<i>Marni Br Karo</i>	64
Chapter 8	72
Handling of natural Disaster victims in hospitals	72
<i>Brennan S.</i>	72

Chapter 7

Adolescent Reproductive Health Service in Disaster Situation

Marni Br Karo

Introduction

Amount population group youth in the world around 1.2 billion. 1 Total the comparable with total deaths that occurred in the group teenager that is about 1.2 million / year , that is to say every day more of 3000 teenagers died . More from two thirds _ from total death adolescents in the world occurs in Africa and Southeast Asia. Death teenager many occurs in high-income countries low and medium (Adolescents et al., 2021) . In Indonesia alone , the results census population In 2020, Indonesia is dominated by Generation Z and Generation Millennials . Gene Proportion . Z as much as 74.93 million people (27.94% of the total population) and 69.38 million soul Generation Millennials (25.87% of the total population) (Meylina et al., 2021) . In terms of sector, Indonesia is a developing country that contributes number death in adolescents in the world.

Teenager is most vulnerable group experience various risk problem health reproduction . girl below 20 years old still experience real growth _ physique they not yet ready for experiencing pregnancy _ or give birth . Teenager aged daughter _ under 20 years old have reproductive organs that have not strong for relate intimate or give birth , so own 4 times risk seriously injured and died consequence give birth (Herni Afriyanti & Ari Subowo, 2017) . Besides physique teenagers who haven't ready , consequences social from pregnancy in teens is break school (with achievement more

education _ low and chance declining social _ _ including income lifetime reduced life) and, in a number of setting , violence , including kill self and murder (Chandra-Mouli et al., 2013) .

Reproductive health covers cycle life human , so in fulfillment right required multi- sectoral approach and programs that are integrated . series activity priority health reproduction must _ implemented immediately on time Step beginning disaster or moment responsive emergency crisis health that focuses on prevention mortality , morbidity and disability in the affected population impact disaster , in particular girls and teens woman (Handayani & Sarmi, 2018)

Health education or counseling health by integrated about reproductive health teenagers in disaster really important done as one _ effort for anticipate problem health reproduction teenager . Teenager is future window _ the development of the country that must guarded and protected.

Crisis Health Reproduction Adolescent

Organization (WHO) defines emergency health as events that happened by suddenly from incident experience or danger artificial human , or worsening situation _ by gradually where is the Crisis humanity as disturbance are you serious to function community (Singh et al., 2018) . Crisis the occur because existence disaster where incident the could threatening and disturbing life community caused , by nature and or non- natural factors nor factor man so that result in occurrence of fatalities human , damage environment , loss treasure objects , and impacts psychological (Handayani & Sarmi, 2018) .

Disaster natural is disasters caused by a series of incident among others in the form of earthquake earth , tsunami, mountains eruption , flood , drought , wind typhoon and land landslide . Non- natural disasters is disasters caused

by a series of non - natural events , which include : fail technology , fail modernization , epidemic , and plague disease . Disaster social is disasters caused by a series of human - caused events that include _ conflict social between group or between community society and terror (Handayani & Sarmi, 2018) .

Teenager vulnerable young _ to risk in state emergency as risk infected with HIV, behavior risky including my behavior sex , more risk _ big for experience violence , including violence sex , marriage force , trouble and disease related health reproduction because lack of protection , no availability service for fulfil needs they (Handayani & Sarmi, 2018) .

Stigma about pregnancy adolescent out of wedlock is very strong , especially in developing countries , and perhaps contribute to age low marriage . _ Girls who get pregnant out of wedlock can forced by his parents for marry with the man who got her pregnant . In another case , " mother- girl" can issued from home , forced for leave school , and/ or possible look for abortion (possibly no safe) (Casey et al., 2020) .

Situation the happens to people who have feeling negative as angry , depressed , rejected , hurt / hurt / tormented , and the like . Feeling sort of this trigger action violence and strength emotional also increases strength physical . So, the impact felt more strong and character destroy . Somebody will Act in accordance situation , and situation alone is his perception to environment . Existing environment _ could perceived different by people with level cognitive and emotional different , finally action taken _ of course different too. Situation disaster allow existing conditions _ perceived by negative (Nurfadhilah, 2020) . So that teenager behave deviate as smoke as part from drug abuse is a related factors _ with attitude negative Indonesian teenagers about health reproduction and then impact on development immature puberty (no ripe) . Abuse Narcotics , Psychotropics and Substances Additives (Drugs) in adolescents give impact

period long to mental health (Nurfadhilah et al., 2021) , disruption of mental health causes achievement more education _ low and chance declining social class _ _ prone to with prevalence sufferer disease physique nor psychic more high and possibility kill self as well as premature death.

Reproductive Health Adolescent In Face Covid-19 situation

Covid-19 declared as a world pandemic by WHO and designated government as non- natural disaster in the form of plague disease (Rofi'ah et al., 2021) .

Teen role in invite as well as give support to deep inside do behavior positive will give enough result _ good . Involvement teenager in Ambassador Covid-19 is a term for teenagers who are volunteer ready Becomes part from cadre health specifically in prevention transmission of the Covid-19 virus. In the era of Covid-19 this is very appropriate if teenager involved in effort push number transmission of this virus . Teenager as active and creative personality _ as well as have a desire know tall one could Becomes something strength in Upgrade quality health society . Besides for interest teenager alone , attitude always a teenager want innovate could used in positive activities _ (Rofi'ah et al., 2021) .

Reproductive Health Education Adolescent

Health education reproduction teenager at the moment occur a disaster that doesn't done with good will caused not enough existence preparation on time we face something disaster so that could occur things that are not _ desirable on health reproduction teenager (Handayani & Sarmi, 2018)

Pregnancy among _ teenager by international recognized as risk height , with risk biggest for child (eg , birth weight _ low and perinatal mortality . Formal school it seems

Becomes determinant strongest for use service health reproduction (antenatal examination , delivery) institutional , presence skilled moment born and use family planning) as well as for many problem related health reproduction other . Impact important to have factor social and cultural to health reproduction , outline bottom needs for look health reproduction in Afghanistan in more perspective _ large than from corner view ' provider service health ' only . Not only poor quality _ or no existence service health reproduction that explains health status low girl _ (van Egmond Marleen Bosmans et al., 2004) .

Teen role in invite as well as give support to same age in do behavior positive will give enough result _ good (Rofi'ah et al., 2021) .

Health education in study this done by researcher with come direct to school for give information to respondent with counseling about health reproduction youth focused on preparedness _ crisis health when occur disaster .

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Biography



Dr. Marni Br Karo, S.Tr.Keb, SKM., M.Kes

Penulis berasal dari desa Bekerah Tanah Karo Sumatra Utara dan lahir dari pasangan alm. S. Karo-Karo dan alm. R. Br S. Meliala. Menikah dengan P.Terkelin Sembiring dan dikarunia 3 orang anak. Pendidikan yang telah ditempuh SDN lulus 1987, SMPN lulus 1990 di Tiga serangkai Tanah Karo Sumatra Utara, Sekolah Perawat Kesehatan (SPK) Kesdam I/BB Binjai lulus 1994, D1 Bidan Depkes Medan lulus 1995, Sarjana Kesehatan Masyarakat di Universitas Muhammadiyah Jakarta lulus 2004 , D3 Kebidanan Poltekkes III Jakarta lulus 2008, S2 Kesehatan Reproduksi lulus 2011, DIV Kebidanan lulus 2015, mendapatkan beasiswa dari Kemenristek Dikti untuk melanjutkan S3 Ilmu Kedokteran lulus 2017 di Universitas Hasanudin Makassar dan Profesi Kebidanan lulus 2021. Pengalaman bekerja di RSUD FK UKI Jakarta dari 1996 sampai 2005, Praktek Bidan Mandiri 1996 sampai 2014 dan menjadi dosen di STIKes Medistra Indonesia sejak 2005 sampai sekarang. Aktif di organisasi Ikatan Bidan Indonesia (IBI) sejak 1996, Perinasia 1996, AIC 2016, APCORE 2017, PDRI 2018 , PDIM 2019, IAKMI 2020, PWII 2020, Cel Kodelin 2021, Kodepena 2021 sampai sekarang. Sejak menjadi dosen aktif melakukan penelitian dan pengabdian. Penulis telah menerbitkan beberapa buku dan publikasi ilmiah yang dimuat di jurnal internasional terindeks Scopus dan jurnal nasional terakreditasi SINTA.