



PUBLIC ENGAGEMENT POLICY INITIATIVE FOR DISASTER RISK REDUCTION



MAKASSAR CITY

MAKASSAR CITY GOVERNMENT



MUNAFRI ARIFUDDIN
MAYOR OF MAKASSAR

ALIYAH MUSTIKA ILHAM
VICE MAYOR OF MAKASSAR



OVERVIEW OF MAKASSAR CITY

AREA



175,77 Km²

POPULATION
2024



1.477.861

ECONOMIC
GROWTH 2024



5,56%

Per Capita
of GRDP



165,95

Million Rupiahs

INFLATION
RATE 2024



4,97%

HUMAN DEV
INDEX 2024



85,23%

HAPPY INDEX
CITY 2024



#234



MAKASSAR CITY GOVERNMENT

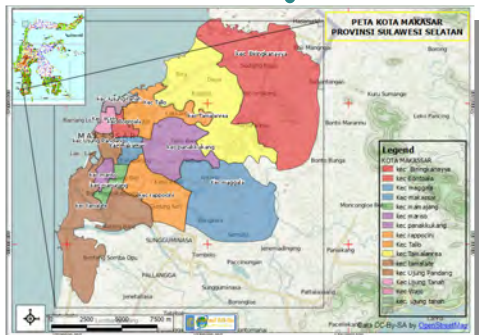


SOUTH OF CELEBES PROVINCE **MAKASSAR CITY GOVERNMENT**

Consist of
15 Districts Government.
And **153 Sub-Districts Government**

PUBLIC ENGAGEMENT POLICY
INITIATIVE FOR DISASTER RISK
REDUCTION **MAKASSAR CITY**

INDONESIA





MAKASSAR CITY GOVERNMENT

DISASTER THREAT IN MAKASSAR CITY





TYPES OF DISASTER THREATS IN THE CITY OF MAKASSAR



FLOOD



EARTHQUAKE



DROUGHT



**TECHNOLOGY
FAILURE**



TSUNAMI



**HIGH WAVES
AND ABRASION**



**EXTREME
WEATHER**



**EPIDEMICS
AND DISEASE
OUTBREAKS**



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FLOODING IN MAKASSAR CITY

13 FEBRUARY 2025



3.903

15 DECEMBER 2024



528

13 FEBRUARY 2023



2929





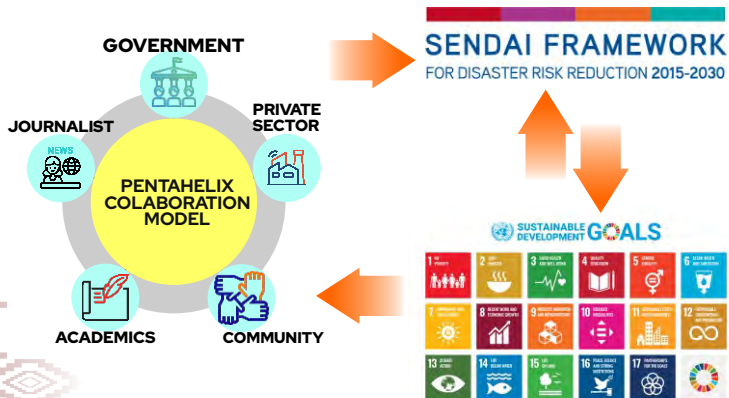
CAUSES OF FLOOD OF MAKASSAR CITY

- HIGH RAINFALL INTENSITY IN THE RAINY SEASON
- THE TOPOGRAPHY OF MAKASSAR CITY IS RELATIVELY FLAT
- PASSED BY TWO LARGE RIVER BASINS (DAS Jeneberang and DAS Tallo)
- URBAN WATER MANAGEMENT IS NOT YET OPTIMAL





ROLE OF DISASTER MANAGEMENT POLICY MAKASSAR CITY GOVERNMENT



**SAFE CITIES,
RESILIENT,
INCLUSIVE,
LIVEBLE
&
SUSTAINABLE**



MAKASSAR CITY GOVERNMENT

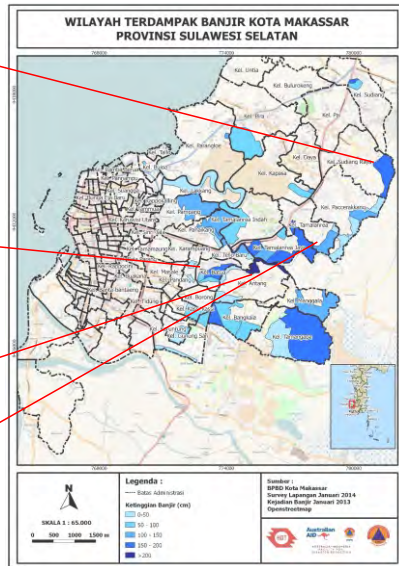
FLOOD PRONE AREAS OF MAKASSAR CITY

KEC. PANAKUKKANG

KEC. BIRINGKANAYA

KEC. MANGGALA

KEC. TAMALANREA





OUR CHALLENGES AND OBSTACLES



CLIMATE CHANGE THAT
TRIGGERS EXTREME WEATHER



THE LOW ECONOMIC LEVEL TRIGGERS
HIGH VULNERABILITY TO DISASTER



THERE IS NO EARLY DISASTER
DETECTION USING TECHNOLOGY



GOVERNMENT CAPACITY IN DISASTER
MANAGEMENT STILL NEEDS TO BE
IMPROVED WITH TECHNICAL ASSISTANCE.



THERE IS NO ADEQUATE WATER RESOURCE
INFRASTRUCTURE AVAILABLE TO MANAGE FLOOD THREAT.



THE LEVEL OF DISASTER LITERACY
IN THE COMMUNITY IS STILL LOW



OPPORTUNITY



COMMUNITY PARTICIPATORY
FOR DISASTER REDUCTION HIGHER



COMMUNITY PARTICIPATORY
PENTAHHELIX COLLABORATION
IN DISASTER MANAGEMENT



CAPACITY OF COMMUNITY TO ADAPT



PRIORITY FOR ACTION

SENDAI FRAMEWORK DISASTER RISK REDUCTION (SFDRR) CONCEPT ADOPT

- 1** Understanding disaster risk
- 2** Strengthening disaster risk governance to manage disaster risk
- 3** Investing in disaster risk reduction for resilience
- 4** Enhancing disaster preparedness for effective response and to "Build Back Better" in Recovery, Rehabilitation and reconstruction

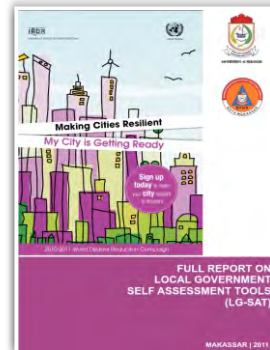


1 Understanding disaster risk

Policies and practices for disaster risk management should be based on an understanding of disaster risk in all its dimensions of vulnerability, capacity, exposure of persons and assets, hazard characteristics and the environment

THE IMPLEMENTATION

- KOTA MAKASSAR as CITIES RESILIENT 2012 BY Approped a Local Government Self Assessment Tool (LG SAT) Document to UNISDR
- The Disaster Risk Assessment Document, compiled and disseminated to all levels of society
- Compiled the Climate Change Vulnerability Assessment (CCVA) of Makassar City
- Implementing Disaster Area Mapping





2

Strengthening disaster risk governance to manage disaster risk

Disaster risk governance is of great importance for an effective and efficient management of disaster risk. Clear vision, plans, competence, guidance and coordination within and across sectors, as well as participation of relevant stakeholders, are needed

THE IMPLEMENTATION

- Preparation of Disaster Management Plan Documents, Makassar City Disaster Risk Reduction - Action Plan Documents, and Makassar City Flood Contingency Plan Documents
- Disaster Emergency Management Simulation at Makassar City Level
- Capacity Building in the Implementation of Disaster Management





3

Investing in disaster risk reduction for resilience

Public and private investment in disaster risk prevention and reduction through structural and non-structural measures are essential to enhance the economic, social, health and cultural resilience of persons, communities, countries and their assets, as well as the environment

THE IMPLEMENTATION

- Facilitate the establishment of *Tangguh* Urban Village, Disaster Safe Schools and
- Disaster Risk Reduction Socialization for Vulnerable Groups
Disaster Training And Simulation Initiated By Community Groups, not by the government only, but by the other stakeholders too.
- Community Group Initiative to Increase Disaster Community Literacy, Disaster Early Warning System Based on Community and Strengthening Economy Access for Vulnerable Groups, by CWS with Community Led Early Action and Resilience (CLEAR) Program ini Makassar
- Kampung Tangguh Initiative to Improve Disaster Community Knowledge and Awareness with emergency response training and simulation by **BAZNAS SULAWESI SELATAN**





4

Enhancing disaster preparedness for effective response and to “Build Back Better” in Recovery, Rehabilitation and reconstruction

Disaster risk governance is of great importance for an effective and efficient management of disaster risk. Clear vision, plans, competence, guidance and coordination within and across sectors, as well as participation of relevant stakeholders, are needed

THE IMPLEMENTATION :

- Dissemination Of The Implementation Of Post-disaster Rehabilitation And Reconstruction To The Community
- Reconstruction Of Coastal Protection Buildings
- Strengthening Water resource City Management by Public Works Division Makassar Government.





MAKASSAR INFRASTRUCTURE FLOODING MANAGEMENT



JENEBERANG AND TALLO RIVER
JONGAYA, PANNAMPU
SINRIJALA CANAL
MAIN DRAIN CHANNELS,
SECONDARY DRAINAGES
LONG STORAGE
REGULATION PONDS

Operation and Maintenance
by **Central Government**



LOCAL APPROACH

TO IMPROVE PUBLIC AWARENESS OF DISASTER PREPAREDNESS

- REVITALIZATION OF BUGINESE MACASSAR CULTURE THAT RESPECTS EACH OTHER AND HELPS MUTUALLY WHICH IS RELEVANT TO DISASTER MANAGEMENT EFFORTS.
- FORCE OF GENERATION Z TO OPTIMALIZED DISASTER DESEMINATED INFORMATION . (70% Of Makassar's Population Is Aged 15-45 Years, The Largest Group Of Social Media Users).
- INFLUENCER HIRING TO BLASTING SUSTAINABLE DISASTER RISK REDUCTION INFORMATION ON SOCIAL MEDIA PLATFORM (School And Productive Age As Age Groups That Influence Information Input And Decision Making In The Family).



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ありがとう
Terima Kasih



MUNAFRI ARIFUDDIN
MAYOR OF MAKASSAR



ALIYAH MUSTIKA ILHAM
DEPUTY MAYOR OF MAKASSAR