

DISASTER RISK REDUCTION ACTION PLAN AGAM DISTRICT

Calendar Year: April 2016 - December 2019

Name of City/District	Agam
Province	West Sumatra
Output Target	Natural Disaster Resilient Community and Organization
Focal Point	BPBD, Universitas Andalas

1 Institutional

NO	OBJECTIVE	ACTION/ACTIVITY	INDICATOR	TIME FRAME				PERSON IN CHARGE	BUDGET (IDR)	PRIORITY SCALE
				2016	2017	2018	2019			
1.1	Establishment of disaster SOP in nagari, jorong, and subdistrict level	Prepare supporting materials on disaster SOP establishment (earthquake, tsunami, flood, landslide, volcano)	Established SOP in nagari, jorong, and subdistrict according to its respective hazard	x	x	x	X	Leader: BPBD Agam Support: DPRD, Legal Bureau, BAPPEDA, UNAND, NGO, Subdistrict/nagari		
1.2	Establishment and Training of Rapid Response Team in government agencies, district, subdistrict/nagari level	Prepare resources data in every agency, subdistrict, village/nagari level	Established and trained rapid response team in related agencies and district government Established rapid response team in subdistrict Established youth group (Karang Taruna) in subdistrict/nagari level	x		x	X	Leader: BPBD Agam Support: BAPPEDA, Health Agency, Education Agency, Public Works Agency, Social-Labor-Transmigration Agency, Forestry Agency, Marine and Fisheries Agency, Armed Forces, National Police, Subdistrict, Nagari		
1.3	Establishment and training of district-level Disaster	Collect data in every agency related to disaster	Established and trained Agam District disaster management	x	x			Leader: BPBD Agam		

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	Management Operation Control Center (data processing, Indonesia data and information center training)		operation control center					Support: BAPPEDA, Legal Bureau, Public Works Agency, Water Resources Management Agency, Subdistrict and village, Armed Forces, National Police, SAR Agency, UNAND, Transportation-Communication-Information Agency		
1.4	Establishment of target groups along with district level red cross and conduct joint exercise with related agencies	Identify community groups/organizations related to health/aid	Established target groups and conducted routine joint training/drill along with red cross and related agencies	x	x			Leader: BPBD Agam, Red Cross Support: Health Agency, Education Agency, Public Works Agency, Social-Labor-Transmigration Agency, Forestry Agency, Marine and Fisheries Agency, Armed Forces, National Police, Subdistrict, Nagari		
1.5	Establishment of district level Youth Disaster Preparedness Group (Tagana)	Gather human resources and conduct skill and disaster knowledge training	Established Agam District youth disaster preparedness group	x	x			Leader: BPBD Agam, Social Agency Support: Health Agency, Education Agency, Public Works and Housing Agency, Forestry Agency, Marine and Fisheries Agency, Armed Forces, National Police, SAR Agency, Subdistrict, Nagari		
1.6	Training and Strengthening Capacity of Agam DRR Forum	Provide resources data in every agency, district, subdistrict, village, nagari Allocate some fund for programs or activities to support <i>pokja</i> (working program) Forum	Realization of Agam District DRR Forum's Performance Capacity Building of DRR Forum members	x	x			Leader: BPBD Agam, Support: UNAND, Health Agency, Education Agency, Public Works Agency, Forestry Agency, Marine and Fisheries, Armed Forces, National Police, Social-Labor-Transmigration Agency, SAR Agency, Subdistrict, Nagari, NGO (local), Red Cross, National Electricity Company, Regional Water Supply Company		
1.7	Capacity building for vulnerable groups	a. Establish disaster preparedness	Established disaster prepared SME and agriculture groups		x	x	x	Leader: BPBD Agam		

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		SME and agriculture groups b. Establish disaster resilient women group c. Disseminate with cultural approach in coastal and land community	Established disaster resilient women group in subdistrict/nagari level Knowledge on disaster in coastal and land community suitable with their local wisdom		x	x	x	Support: Community Empowerment Agency, Industry-Trade-Cooperatives Agency, SME, Social-Labor-Transmigration Agency, Horticulture and Crops Agriculture, NGO		
1.8	Establishment of legal framework for disaster management in district level	Establish Head of District Decree on disaster management	Formulated Head of District Decree on disaster management Established building code for disaster prone areas		x	x		Leader: BPBD Agam, Support: Legal Bureau, Parliament, UNAND, Related Agencies, NGO		
1.9	Strengthen disaster prepared press	Establish and increase disaster preparedness press community	Established disaster press corps network	x	x			Leader: BPBD Agam Support: Transportation-Communication-Information Agency		
1.10	Establishment of collaboration effort with higher education/university	Establish MoU between University and BPBD	Established MoU between BPBD and University	x	x			Leader: BPBD, University (UNAND)		

2 Budget

NO	OBJECTIVE	ACTION/ACTIVITY	INDICATOR	TIME FRAME				PERSON IN CHARGE	BUDGET (IDR)	PRIORITY SCALE
				2016	2017	2018	2019			
2.1	Funding from business sector (CSR PT Semen Padang, Palalu Raya, Mutiara Agam, ANP)	Mapping the potential alternative funding for DRR activities from business sector in district and province	<ul style="list-style-type: none"> Available list of CSR potential source for DRR initiative activities Commitment from entrepreneur to contribute in DRR 		x	x	x	Leader: BPBD Agam Support: BAPPEDA, Industry-Trade-Cooperatives Agency, Chamber of Commerce and Industry, Indonesia Young Entrepreneur Association, UNAND, NGO, National Electricity Company, Regional Water Supply Company		
2.2	Maximize self-fund by the community for DRR effort	a. Introduction and real action of DRR activities	Established routine activities from community self-funding	x	x	x	x	Leader: BPBD Agam		

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		through social and religious activities b. Utilizing Nagari Budget for DRR Activities (should be supported with regulation)						Support: Social-Labor-Transmigration Agency, Religious Affairs Office, Civil Registry and Demography Agency, Subdistrict/Nagari, NGO (local)		
2.3	Collect support from newcomers (infrastructure, post-disaster effort)	Dissemination to newcomers association related to disaster	List of people/groups potential for DRR initiatives funding	x	x			Leader: BPBD Agam Support: Civil Registry and Demography Agency, Kesbangpolinmas/Civil Defense, LSM		
2.4	Optimization of university budget	Institution grant	University budget for research and community development					Leader: BPBD, UNAND		
2.5	Fund allocation for social assistance	Identify budget sources for emergency response	Budget provision for social assistance	x	x	x	x	Leade : BPBD Agam, Social Agency Support: Red Cross, Indonesia Young Entrepreneur Association, Industry-Trade-Cooperatives Agency		
2.6	Propose procurement for facility and infrastructure of heavy equipment and shelter	Compose heavy equipment procurement proposal to central government	National budget provision for heavy equipment and shelter in Agam District					Leader: BPBD Agam, Public Works Agency Support: BNPB, BPBD West Sumatra		

3 Program

NO	OBJECTIVE	ACTION/ACTIVITY	INDICATOR	TIME FRAME				PERSON IN CHARGE	BUDGET (IDR)	PRIORITY SCALE
				2016	2017	2018	2019			
3.1	Compile district database on disaster hazard and disaster risk assessment	a. Map and update disaster prone areas: flood, landslide, earthquake, volcano, tsunami b. Conduct review on disaster risk assessment c. Update evacuation map	a. Hazard Map: flood, landslide, earthquake, volcano, tsunami b. Disaster risk map and analysis c. Established evacuation route	x	x	x	x	Leader: BPBD Agam Support: UNAND and UGM, Social Agency, BAPPEDA, BPS, Health Agency, Central Bureau of Statistics, Education Agency, Regional Water Supply Company, Centre of Volcanology and Geological Hazard Mitigation,		

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		and route	map d. Buildings and safe path from disaster		x	x		National Electricity Company		
3.2	Community understanding of disaster	a. Dissemination on hazard, vulnerability, risk, and DRR initiatives b. Dissemination in areas with disaster potential c. Simulation/drill for all elements in agencies, community, and business sector	Dissemination programs for community groups in every nagari and jorong Representatives from community groups has drill experience	x	x	x	x	Leader: BPBD Agam Support: UNAND, Education Agency, Transportation-Communication-Information Agency		
3.3	Increase of early detection capacity	a. Inventory of existing equipment. b. EWS procurement for flood, landslide, tsunami	Inventory for early warning devices Devices installed in disaster prone spots	x	x	x	x	Leader: BPBD Agam Support: BNPB, UNAND, Public Works Agency, Meteorological, Climatological and Geophysics Agency, Transportation-Communication-Information Agency		
3.4	Establishment of disaster mitigation information system	a. Increase IT and data processing staff capacity. b. Establish IT network	Increase of staff capacity related in utilizing digital technology for DRR initiatives Established digital application system for disaster mitigation	x	x	x	x	Leader: BPBD Agam Support: Transportation-Communication-Information Agency, UNAND		
3.5	Equip emergency facility and infrastructure	Moveable kitchen facilities	Established moveable kitchen facilities	x	x			Leader: BPBD Agam Support: BNPB, BPBD West Sumatra		
3.6	Increase coordination among agencies and community elements	Meeting/coordination for DRR initiatives (budget and logistics)	Established agenda for routine meeting among agencies, community representatives, and subdistrict/nagari/jorong disaster preparedness group.	x	x	x	x	Leader: BPBD Agam Support: All Agencies, Parliament, UNAND, NGO, Disaster Preparedness Group		
3.7	Disseminate BPBD action plans and programs to university/higher education	Dissemination of activities to universities	Collaboration programs between BPBD and universities	x	x	x	x	Leader: BPBD, UNAND		

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3.8	Build collaboration system with experts	Establish district research council	Established district DRR research council	x	x	x	x	Leader: BPBD, UNAND/University		
3.9	DRR Activities through mitigation	Construct structural and non-structural mitigation, e.g. mangrove plantation in coastal erosion prone areas								

4 Human Resources

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				2016	2017	2018	2019			
4.1	BPBD, related agencies, and community manpower/HR mapping	<p>a. Identify human resources in every agency and community</p> <p>b. Comparative study to DRR related institution</p>	<p>Established human resources potential map in every agencies and community</p> <p>Participating agencies and disaster preparedness group</p>	x	x			<p>Leader: BPBD Agam</p> <p>Support: UGM, UNAND, Social-Labor-Transmigration Agency, Health Agency, Armed Forces, National Police, Marine and Fisheries Agency, Transportation-Communication-Information Agency, Civil Defense, Public Works Agency, Water Resources Management Agency, Regional Water Supply Company, National Electricity Company, District Hospital, Red Cross, Early Alertness Forum</p>		
4.2	Increase capacity of disaster preparedness group and rapid response team in subdistrict/nagari level	<p>a. Training for disaster preparedness group members</p> <p>b. Training for rapid response team members</p>	<p>Increase of capacity and skill of disaster preparedness group members</p> <p>Increase of capacity and skill of rapid response team members</p>	x	x	x		<p>Leader: BPBD Agam</p> <p>Support: Health Agency, Social-Labor-Transmigration Agency, KLH, Marine and Fisheries Agency, Planned Parenthood-Community and Women Empowerment Agency, Armed Forces, National Policy, Red Cross, SAR, Civil Defense, Local NGO</p>		
4.3	Increase human resources capacity in operation control center and disaster prepared	HR training for operation control center and disaster prepared press community	Established reliable human resources to manage operation control center, DRR Forum, and disaster preparedness press along		x	x		<p>Leader: BPBD Agam</p> <p>Support: BAPPEDA, Education Agency, UNAND, Social-Labor-</p>		

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	press community		its role and function					Transmigration Agency, Community Empowerment Agency		
4.4	Increase of disaster knowledge of teacher and student	Training and education for elementary and middle school students	In each elementary and middle school in Agam District have teachers and students with experience of participating in disaster dissemination and drill program	x	x	x	x	Leader: BPBD Agam Support: BAPPEDA, Education Agency, UNAND, Red Cross, Local NGO		
4.5	Increase trained professional staff in disaster mitigation: earthquake, flood, landslide, tsunami	Invite professional instructor to train disaster preparedness group, rapid response team, operation control center, and disaster prepared press community staff and members	Increase of professional staff in each groups			x	x	Leader: BPBD Agam Support: Training Center, Planned Parenthood-Community and Women Empowerment Agency, Armed Forces, National Police, Red Cross, SAR, UNAND		