

Mitigation Planning Self Appraisal Checklist

Title	Complete (or yes)	Underway	To be started soon	Under consideration	Not likely to be done
	1	2	3	4	5
A. Basic Studies					
1. Identified and described the natural hazards which occur in your country, including					
a. Hazardous elements					
b. Probability & frequency					
c. Magnitude					
2. Mapped the geographic areas which are vulnerable to each natural hazards identified.					
3. Analyzed the characteristics of the existing built environment in those areas which are vulnerable to the natural hazards.					
4. Analyzed the characteristics of the built environment that could be built in the future in these areas which are vulnerable to the natural hazards.					
5. Identified critical facilities e.g. hospitals, schools, infrastructure that are located in vulnerable areas.					
6. Analyzed the population including special populations which are vulnerable to natural hazards.					
7. Identified areas which contain toxic or hazardous materials.					
8. Identified the elements and amounts of the economic base that are located in vulnerable areas.					
9. Analysis of legal, fiscal, political and technical capability to mitigate the impacts of the natural hazards.					
10. Risk analysis or conclusions regarding present status					

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B. Mitigation Plan Elements					
1. Purpose or rationale					
2. Goals					
3. Objectives					
4. Policies, programs, strategies					
5. Evaluation, indicators, benchmarks					
6. Revisions					
C. Mitigation Plan Characteristics					
1. Multi Hazard					
a. Hurricane					
b. Flood					
c. Volcano					
d. Earthquake					
e. Other (specify)					
2. Multiple objectives					
3. Operationalized					
a. In day to day operations					
b. Preparation					
c. Response					
d. Recovery					
4. Type of plan					
a. Stand alone					

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b. Part of comprehensive plan					
c. Part of emergency management plan					
d. Combination					
e. Other					
5. Who is responsible for preparing the plan					
a. Emergency management					
b. Planning					
c. Public works					
d. Other					
D. Mitigation Tools & Techniques Used					
1. Alteration of environment					
a. Sand-trapping structures					
(1) Groins					
(2) Jetties					
b. Sand-moving structures					
(1) Beach nourishment					
(2) Sand-scraping					
c. Shoreline protection works					
(1) Seawalls					
(2) Revetments					
(3) Bulkheads					
(4) Terraces					

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	1	2	3	4	5
(5) Breakwaters					
d. Flood control works					
(1) Dams					
(2) Dikes and levees					
(3) Retaining ponds					
(4) Floods channels					
2. Strengthening buildings and facilities					
a Strengthening buildings					
(1) Floodproofing					
(2) Elevating					
(3) Windproofing					
b. Strengthening facilities					
(1) Floodproofing					
(2) Elevating					
(3) Windproofing					
3 Development management tools/techniques					
a. Plans					
(1) General comprehensive plan					
(2) Reconstruction plans					
(3) Resource management plan					
(4) Recovery and reconstruction plan					
(5) Long-term economic recovery and reconstruction plan					

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b. Ownership of rights in land					
(1) Easements/purchase of development rights					
(2) Transfer of development rights (TDR) programs					
(3) Land acquisition					
(3) Advanced site acquisition; land banking					
(4) Relocation of existing development					
(5) Purchase sellback/leaseback					
(6) Purchase option, right of first refusal					
c. Infrastructure					
(1) Capital programming					
(2) Focused public investment plan					
(3) Service areas					
d. Taxation and fees					
(1) Special assessment districts					
(2) Impact fees/system development charges					
(3) Development impact tax/improvement tax					
(4) Developer exactions					
(5) Differential assessment					
(6) Land gains taxation, transfer or development taxes					
4. Development regulation					
a. Zoning					
b. Subdivision regulation					

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c. Overlay zones					
d. Agriculture zones					
c. Contract or conditional zones					
d. Special exception					
e. Bonus and incentive zoning					
f. Floating zones					
g. Density transfer/average density/cluster					
h. Performance or impact zoning					
i. Urban growth boundary					
j. Specific development plans					
k. Rate allocation systems; growth phasing					
l. Mandatory low-income housing construction ordinance					
m. Environment impact					
n. Areas of environmental concern					
o. Special area management programs					
5. Information dissemination					
a. Real estate disclosure requirements					
b. Community awareness programs					
c. Educate public officials on their role and responsibilities					
d. Business and industry hazard awareness and education to identify safety problems and increase business survivability					

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e. Promote awareness and education among professional groups (e.g. engineers, educators, city managers)					
f. Community-wide awareness and education					