

# Community-Based Flood Management: Step by Step

**STEP 1:**  
Design  
the process



**STEP 2:**  
Assess vulnerability  
and risk



**STEP 3:**  
Analyze  
the problem



**STEP 4:**  
Set  
goals



**STEP 5:**  
Draft an  
action plan



**STEP 6:**  
Implement in stages  
(prevention, preparedness,  
response, recovery)



**Identify stakeholders**  
and their activities,  
knowledge and resources



**Create a shared vision**  
through a participatory  
process



**Use a two-way public  
awareness campaign**  
to keep the  
community engaged



**Identify information  
requirements**  
and develop a data  
collection methodology



**Use historical  
and local  
knowledge**  
of the community



**Take an inventory**  
of land-use  
practices, resource  
locations and  
natural courses  
of rivers



**Use a  
multihazard  
perspective**  
to assess hazards



**Assess flood  
vulnerability**



**Align identified  
risks** with risks  
perceived by  
stakeholders



**Identify at risk  
communities**  
and support  
community level  
risk assessment



**Assess capacities**  
of community members  
and institutions



**Identify positive and  
negative human factors**  
contributing to flooding



**Identify floodplain areas**  
in terms of risk level  
according to different  
flood magnitudes



**Determine objectives**  
based on risk assessment  
results and vision



**Decide on the scope**  
of community activities



**Take note of regional  
development objectives**  
like securing livelihoods  
and preserving the  
environment



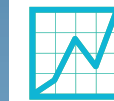
**Evaluate possible  
measures**  
within the scope



**Develop an  
action plan**  
with clear roles,  
activities and  
responsibilities



**Set the timeline**  
and expected  
results



**Carry out an  
economic analysis**  
and financing  
arrangements



**Set procedures**  
for monitoring,  
evaluation and  
review



**Share the draft  
plan** with the  
community



**Conduct  
mock drills**  
to optimize plan



**Approve the  
plan** through  
community  
consultation



**Form and  
strengthen  
community  
institutions**



**Implement  
short-, medium-  
and long-term  
activities**



**Monitor,  
evaluate and  
keep improving**  
participation



**Keep updating  
assessments**  
using a  
participatory  
process



WORLD  
METEOROLOGICAL  
ORGANIZATION

**ASSOCIATED PROGRAMME ON FLOOD MANAGEMENT**  
[www.floodmanagement.info](http://www.floodmanagement.info)

**Global Water  
Partnership**