

SP 14: Standards for Conducting Disaster Impact Assessments

Following any significant event or disaster has occurred in the Waterberg municipal district an impact assessment must be undertaken and a report prepared that which, in the absence of national guidelines, must include (but not be limited to) the following information:

- A description and analysis of the conditions and hazard processes that triggered the event, including spatial extent, intensity and timing;
- A review of vulnerability to identify areas where capacity is needed;
- Description of the institutional arrangements for response and relief, including warning and preparedness, as well as actual management of the event;
- Description of measures taken to anticipate and manage the event, including search and rescue, emergency relief, logistics, community actions and security and communication;
- Impact analysis, including:
 - Direct and indirect human (i.e. injuries and death) impact;
 - Social impact (displacement and illness, livelihood disruptions);
 - Agricultural impact;
 - Infrastructural impact;
 - Environmental impact;
 - Economic loss impact;
 - Telecommunications and other lifeline services (including, where possible, their geo-referencing).
- Relief impact in cost and supplies;
- Identification and description of existing risk reduction initiatives/programmes that minimised the event's impact, where applicable;
- Highlight where risk reduction programmes did not minimise the event's impact;
- Description of recovery, reconstruction and rehabilitation measures undertaken and their appropriateness for reducing future risks;
- Recommendations for strengthening risk reduction measures as well as arrangements for improved response to future events;
- Conclusions that incorporate considerations of future risks and their implications for disaster risk management and planning and how this relates to the current Disaster Management;
- Maps, graphs, tables and photographs illustrating the points above;
- A clear description of the methods involved in undertaking the review, identification of members of the team involved and timing of the review relative to the event being studied so that it can be duplicated in future by the Disaster Management Centre;
- A description of the existing institutional arrangements and legal requirements related to disaster risk management related to the event.

In the event of flooding and other severe weather events including but not limited to severe wind, the following outcomes are expected in addition to the abovementioned outcomes:

- An overview of the catchments, river flow, land-use and run-off characteristics as well as stormwater-related problems that may have increased the severity of the event;
- History of relevant past flood and extreme weather events;
- Description of the chronology of the event from SAWS as well as details of what early warning was available.

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