



Technical Specification for Further Development

CSA Rule Engine - Contingency Planning Builder



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A basis for the CSA module is a database that contains various data - a general overview of the acquired data is given in Table 1. The CSA module will benefit if this database would include actual catalogues and material. In the future the development of catalogues and additional material that are general should be the priority.

Objects, facilities, zones (from spatial data) should be sorted and connected with standardised classifications as much as possible. Catalogue of general measures, catalogue of criteria related to general measures, general pictorial material related to a category of a feature or related to a general measure; and general (instructional) film material related to a category of a feature or related to a general measure should be developed.

(Standard) operational procedures should be adopted or developed when they are missing or their quality is insufficient.

Table 1: Database contents

SPATIAL DATA	CATALOGUES	ADDITIONAL MATERIAL
1. Hazard	1. Catalogue of general measures – (Standard)	1. General pictorial material
2. Vulnerability	Operational Procedures	→ related to a category of a feature <i>or</i> related to a general measure
3. Additional hazard	→ related to a category of a feature which is placed in the spatial data base	• schemes; drawings; pictures
4. Forces & resources	2. Catalogue of specific measures	2. Specific pictorial material
5. Intervention	→ related to a particular feature which is placed in the spatial data base	→ related to a particular feature <i>or</i> related to a specific measure
	3. Catalogue of criteria	• snapshots; designs; schemes
	→ related to a general or to a specific measure	3. General film material
	• condition given with numerical values (trigger values, threshold values)	→ related to a category of a feature <i>or</i> related to a general measure
	• condition given in textual description (trigger situation)	• instructional films
		4. Specific film material
		→ related to a particular feature <i>or</i> related to a specific measure
		• film documenting past events; computational simulation of a flood wave propagation