





Increasing Resilience of Cultural Heritage: A supporting tool for the safeguarding of cultural asset

Factsheets



| R E

NAME OF CULTURAL ASSET, LOCATION.

Regional Hazard	- 1. CLIMATIC CONDITIONS
	- 2. WEATHER CONDITIONS
	- 3. TERRITORIAL CONDITIONS
Local Hazard	- 1. ARCHITECTURAL - URBAN CONTEXT CONDITIONS
	- 2. URBAN FIRE PREVENTION SYSTEM
Formal Vulnerabilty	- 1. DISTRIBUTION TYPE
	- 2. FURNISHINGS, OBJECTS, ECC
	- 3. CULTURAL IMPORTANCE OBJECTS
	- 4. BUILDING FIRE PREVENTION SYSTEM
	- 5. FIRE-FIGHTING ELEMENTS
Functional Vulnerability	- 1. FUNCTIONAL TIPOLOGY
	- 2. EMERGENCY INTERVENTION STAFF
Structural Vulnerability	- 1. BUILDING STRUCTURAL TIPOLOGY





		NAME	OF CULTURAL ASSET, LOCATION.		F. Rr.
		Regional Hazard	It refers to the general territorial characteristics. It is not possible to modify the factors that occur to its o	deterr	mination.
	F	Local Hazard			
	l R	Formal Vulnerabilty			
	E	Functional Vulnerability			
		Structural Vulnerability			
_	1. CLIMA	ATIC CONDITIONS			
T	he indicator r	efers to the climatic conditions	⁻ Dry climate and high average temperatures.	Ve	ry high
0 Ic	t the territory cated. The ir	In which the cultural asset is ndicator considers the type of	⁻ Dry climate or high average temperatures.		High
climate (dry or wet) and the average tempe-		wet) and the average tempe-	-Temperate climate/temperate average temperatures	N	ledium
IC			-Wet climate or low average temperatures.		Low
			-Wet climate and low average temperatures.	Ve	ry low
	DESCRI	PTION	1		

Describe the conditions and motivate the risk level chosen.





1

(NAME	OF CULTURAL ASSET, LOCATION.	F. Rr. 2
		Regional Hazard	It refers to the general territorial characteristics. It is not possible to modify the factors that occur to its d	etermination.
	F	Local Hazard		
	 D	Formal Vulnerabilty		
	Ē	Functional Vulnerability		
		Structural Vulnerability		
2.	WEAT	HER CONDITIONS		
The ir	ndicator	considers the level of rainfall,	- Very low rainfall area.	Very High
accor	ding to a	qualitative scale.	- Low rainfall area	High
			- Medium rainfall area	Medium
			• • High rainfall area	Low
			- Very high rainfall area	Very low
DE	SCRI	PTION	1	













The indicator refers to the urban fabric and architectural context which could favour the spread of a fire. The indicator considers the density of the buildings and the different levels of accessibility. High density buildings, very low distance between buildings. Accessibility very difficult.
 High density buildings, very low distance between buildings. Difficult accessibility. (Medieval City)
 Medium density buildings, reduced distance between buildings. Medium accessibility (Renaissance or modern city).
 Low density buildings, big distance between buildings. Easy accessibility (Contemporary city).
 Very low buildings, big distance between buildings, isolated buildings. Easy accessibility.







2. URBAN FIRE PREVENTION SYSTEM

The indicator refers to the presence of fire prevention systems in the area under examination. Systems that can easily prevent diffusion through a timely and non-destructive system of control and shutdown are considered by this indicator.

- Urban fire systems not avaiable
- Urban fire prevention system avaiable, but with low diffusion/efficiency
- Urban fire prevention system avaiable, with low/medium diffusion/efficiency
- Urban fire prevention system avaiable, with medium diffusion/efficiency
- Urban fire prevention system avaiable, with high diffusion/efficiency

Very High

High

Medium

Low

Very low







The indicator aims at qualitatively evaluating the possibility of evacuation from the cultural asset under examination. Evacuation is intended both for people and for valuables inside the property. Distribution path that makes the evacuation very problematic.
Distribution path that makes the evacuation problematic.
Distribution path that partially facilitates the evacuation.
Distribution path that facilitates the evacuation.
Low

- Distribution path that facilitates a lot the evacuation.

DESCRIPTION







2. FURNISHINGS, COATINGS, OBJECTS, NON-STRUCTURAL ELEMENTS

The indicator considers the presence within the cultural asset of: furnishings, objects and non-structural ele- ments, as well as their degree of resistance to fire.	- Elements with very low fire resistance	Very High
	- Elements with low fire resistance	High
	-Elements with medium fire resistance	Medium
	-Elements with high fire resistance	Low
	- Elements with very high fire resistance	Very low
		1







The indicator considers the presence inside the building of objects of high cultural importance that are subject to the risk of fire.

- Totality of objects at risk of fire
 - -Medium presence of objects at risk of fire
 - -Low presence of objects at risk of fire

-High presence of objects at risk of fire

-No objects at risk of fire

Very High High

Medium

Low

Very low







The indicator concerns the presence of an anti-fire system inside the building and its efficiency level.

- -System not present
- System present but underdeveloped and inefficient
- -System present but inefficient
- -System present of medium efficient
- System present and efficient

Very High High

Medium

Low

Very Low







subdivision systems, ventilation systems and all those elements that can avoid / limit the spread of flames, inside the building.

- Elements partially present but inefficient
- -Elements partially present and partially efficient
- -Elements partially present and efficient
- Elements partially present and efficient

High

Medium

Low

Very Low





	NA	ME OF CULTURAL ASSET, LOCATION.	F. Vfu.		
	Regional Hazard				
F	Local Hazard				
 R	Formal Vulnerability				
Ē	Functional Vulnerability	t refers to the ability to preserve the functional typology of the ouilding.			
	Structural Vulnerability				
1. FUNC	CTIONAL TYPOLOG	Y			
The indicator	assesses the level of affluence	- Public building with very high affluence	Very High		
in the considered building, according to its pubblic or private nature.		- Public building with high affluence	High		
		-Public building with medium affluence	Medium		
		-Public building with low affluence	Low		
		- Private or uninhabited building	Very Low		





	NA	ME OF CULTURAL ASSET, LOCATION.	F. Vfu. 2
	Regional Hazard		
F	Local Hazard		
l R	Formal Vulnerability		
Ë	Functional Vulnerability	It refers to the ability to preserve the functional typology of building.	the
	Structural Vulnerability		
2. STAFF	FOR EMERGENC	Y INTERVENTION	

This parameter investigates the presence of control and emergency staff, inside the cultural asset.

- Absent staffVery High- Staff almost absent and poorly trainedHigh- Staff partially present and / or not sufficiently trainedMedium- Staff partially present and trainedLow- Staff present and trainedVery Low





		NA	ME OF CULTURAL ASSET, LOCATION.	F. Vst. ´
		Regional Hazard		
	F	Local Hazard		
	I R	Formal Vulnerability		
	Ë	Functional Vulnerability	It refers to the ability to preserve the functional typolog building.	yy of the
		Structural Vulnerability		
	1. TYPE	STRUCTURE OF E	BUILDING	
TI th	ne indicator c le structural e ling.	concerns the fire resistance of lements in the considered bu-	 Structural elements with no fire resistance Structural elements with low fire resistance 	Very High High

- -Structural elements with medium fire resistance
- -Structural elements with medium/high fire resistance
- Structural elements with high fire resistance

Medium

Low

Very Low







EARTKQUAKE

Regional Hazard	- 1. SEISMIC CONDITIONS
	- 2. GEOLOGICAL CONDITIONS
Local Hazard	- 1. URBAN - ARCHITECTONIC CONTEXT CONDITIONS
Formal Vulnerability	 - 1. NON STRUCTURAL ELEMENTS - 2. PLANIMETRY CONFIGURATION - 3. HEIGHT CONFIGURATION
	- 4. AGGREGATES VOLUMES- 5. DISTRIBUTION TYPE
Functional Vulnerability	- 1. FUNCTIONAL TYPOLOGY
Structural Vulnerability	 1. CONNECTIONS BETWEEN STRUCTURAL ELEMENTS 2. HORIZONTAL STRUCTURES (slab) 3. STRUCTURAL TYPOLOGY 4. WALL QUALITY 5. ROOF 6. ARCH AND VAULT 7. FONDATIONS 8. RESISTANT VERTICAL ELEMENTS 9. STAIRS 10. BUILDING CONTEXT 11. DETERIORATION 12. DETERIORATION BY RECENT EARTHQUAKE





	NAME	OF CULTURAL ASSET, LOCATION	T. Rr.
E A	Regional Hazard	It refers to the general territorial characteristics. It is not possible to modify the factors that occur to its d	etermination.
R T	Local Hazard		
H Q	Formal Vulnerability		
U A	Functional Vulnerability		
K E	Structural Vulnerability		
1. SEISN	AIC CONDITIONS		
The indicator qualitative sca acceleration of	aims evaluating, through a le, the maximum degree of the ground where the cultural	 Predicted maximum ground acceleration very high (0.240- 0.300 g) Predicted maximum ground acceleration high (0.180- 0.240 g) 	Very High High
heritage is located.		 Predicted maximum ground acceleration medium (0.120- 0.180 a) 	Medium
		-Predicted maximum ground acceleration low (0.060-0.120	Low
		Predicted maximum ground acceleration very low (0- 0.060 g)	Very low

Describe the conditions and motivate the the risk level chosen.





1



The indicator considers the type of ground and its implication on the possible amplification of the earthquake phenomenon. For the evaluation of this indicator, it is pos-

sible to refer to geological or seismic maps.

- Soils with maximum amplification of the phenomenon Very High
- Very favorable terrains for the amplification of the phenomenon
 On average favorable terrains for the amplification of
- On average favorable terrains for the amplification of the phenomenon
- Less favorable terrains for the amplification of the phenomenon
 Torrains pat favorable far the amplification of the
- Terrains not favorable for the amplification of the phenomenon

DESCRIPTION





High

Medium

Low



1. CONDITIONS OF THE ARCHITECTURAL - URBAN CONTEXT

The indicator refers to architectural and urban conditions that can favour the destruction due to an earthquake. The indicator considers the urban fabric, paying attention to the density of the buildings and the different levels of accessibility.

- High building density, very small distances between buildings. Very hard accessibility.
 High building density, very small distances between buildings. Hard accessibility (eg medieval city)
 Medium building density, reduced distances between buildings. Medium accessibility. (eg Renaissance or Modern city)
 Low building density, large distances between buildinlow
- ildings. Easy accessibility. (eg Contemporary city) - Very low building density, large distances between buildings, isolated buildings. Easy accessibility.

DESCRIPTION







The indicator considers non-structural elements and their ability to withstand an earthquake. The performance of ceilings, cornices, false ceilings, fixtures, furniture, interior and exterior objects, which can cause damage with their fall, are evaluated.

Very High - Not adopted elements adjustment measures - Insufficient measures of adjustment the elements High - Partially adopted elements adjustment measures Medium - Sufficient measures of adjustment the elements Low - Adopted or unnecessary elements adjustment measures Very low

DESCRIPTION





T. Vfo. 1



It represents the difficulty of preserving the peculiar aspects of the shape of the building (volume, style, decoration, internal and external

2. PLANIMETRY CONFIGURATION

The indicator considers the planimetric configuration and whether it is favorable or not to counter an earthquake.

The indicator takes into account: the arrangement of the resistant elements, the difference in resistance in the two main directions, unfavorable arrangement of openings in the walls, presence of latter additions.

DESCRIPTION

Very High - Not favorable configuration to counter the seismic event - Little favorable configuration to counter the seismic High event - Partially favorable configuration to counter the seismic Medium event - Favorable configuration to counter the seismic event I ow - Very favorable configuration to counter the seismic Very low event





T. Vfo. 2



3. HEIGHT CONFIGURATION

The indicator evaluates the height of the building and whether it is favorable or not to counter a seismic event.

The indicator takes into consideration the prevalence of the vertical dimension on the horizontal dimension (in plan).

- Very High - Not favorable configuration to counter the seismic event - Little favorable configuration to counter the seismic event High - Little favorable configuration to counter the seismic event Medium - Favorable configuration to counter the seismic event Low
 - Favorable configuration to counter the seismic event Very low

DESCRIPTION





T. Vfo. 3

NAME OF CULTURAL ASSET, LOCATION



The indicator considers the presence of volume added to the main body that may be favorable or not to the resistance to the earthquake's actions.

Examples of aggregated volumes refer to: porticoes, loggias, suspended terraces, etc. - Very unfavorable presence of aggregated volumes Very High - Unfavorable presence of aggregated volumes High - Partially unfavorable presence of aggregated volumes Medium - Favorable presence of aggregated volumes I ow

- Not aggregated volumes

DESCRIPTION





Very low

NAME OF CULTURAL ASSET, LOCATION

T. Vfo. 4



The indicator qualitatively evaluates the evacuation possibility in the examinated cultural asset.

Evacuation is intended both for people and for valuables inside the property.

- Not favorable configuration to counter the seismic event
 Little favorable configuration to counter the seismic event
 Partially favorable configuration to counter the seismic event
 Favorable configuration to counter the seismic event
- Very favorable configuration to counter the seismic event

DESCRIPTION





	NA	ME OF CULTURAL ASSET, LOCATION	T. Vfu. ⁻
E A	Regional Hazard		
R T	Local Hazard		
H Q	Formal Vulnerability		
U A	Functional Vulnerability	It refers to the ability to preserve the functional typolog building.	y of the
K E	Structural Vulnerability		
1. FUNC	TIONAL TYPOLOGY	1	
The indicator	takes into consideration the	-Public building with very high affluence.	Very High
level of affluence according to the public or private nature, of the building under investi-		-Public building with high affluence.	High
gation.	U U	-Public building with medium affluence.	Medium
		-Public building with low affluence.	Low
		- Private or uninhabited building.	Very low





-∕₩~	NA	ME OF CULTURAL ASSET, LOCATION	T. Vst. 1
E A	Regional Hazard		
R T	Local Hazard		
K Q	Formal Vulnerability		
U A	Functional Vulnerability		
K E	Structural Vulnerability	It consists in the ability to preserve the static properties of the l	ouilding.
	S RETWEEN STRUC	TUBAL ELEMENTS	

1. LINKS BETWEEN STRUCTURAL ELEMENTS

The indicator evaluates the connections between structural elements such as tie rods, buttresses, reinforcement rings, etc.

Not suitable links between the horizontal and vertical elements.
Poorly adapted links between the horizontal and vertical elements.
Partially adequate links between the horizontal and vertical elements.
Adequate links between the horizontal and vertical elements.
Links between the horizontal and vertical elements very adequate.





	NA	ME OF CULTURAL ASSET, LOCATION	T. Vst. 2
E A	Regional Hazard		
R T	Local Hazard		
K Q	Formal Vulnerability		
U A	Functional Vulnerability		
K E	Structural Vulnerability	It consists in the ability to preserve the static properties of the l	building.
	ZONTAL STRUCTU	RES (slab)	

2. HURIZUNTAL STRUCTURES (SIAD)

The indicator evaluates horizontal structures, such as slabs. For the assessment, the structural consistency must be taken into account.

- Very High - Not adopted interventions to adjust horizontal structures. - Not sufficiently adopted interventions to adjust horizontal High structures. Medium - Partially adopted interventions to adjust horizontal structures. - Sufficiently adopted interventions to adjust horizontal Low structures. Very low
- Adopted or unnecessary Interventions to adjust horizontal structures.





	NA	ME OF CULTURAL ASSET LOCATION	- / / T. Vst. 3
E A	Regional Hazard		
R T	Local Hazard		
K	Formal Vulnerability		
U A	Functional Vulnerability		
K E	Structural Vulnerability	It consists in the ability to preserve the static propertie	es of the building.
3. STRU	CTURAL TYPOLOG	Y	
The indicator o	considers the type of structure	- Very low seismic resistance structure materials.	Very High
and the seism used.	nic resistance of the materials	- Low seismic resistance structure materials.	High
		- Medium seismic resistance structure materials.	Medium
		- High seismic resistance structure materials.	Low

- Very high seismic resistance structure materials.

DESCRIPTION





-₩-	NA	ME OF CULTURAL ASSET, LOCATION	T. Vst. 4
E A	Regional Hazard		
R T	Local Hazard		
K Q	Formal Vulnerability		
U A	Functional Vulnerability		
K E	Structural Vulnerability	It consists in the ability to preserve the static properties of the b	building.
4 14/411			

4. WALL QUALITY

The indicator evaluates the quality of the walls and its characteristics. Particular attention must be paid to the structural quality, the mortar, the blocks used, the state of conservation of the materials and the arrangement of the wall elements. The presence of any repair interventions is also considered in this indicator. Not adopted measures of walls quality adjustments
 Insufficient measures of walls quality adjustments
 Partially adopted measures of walls quality adjustments
 Sufficient measures of walls quality adjustments
 Low
 Adopted or unnecessary measures of walls quality adjust





	NA	ME OF CULTURAL ASSET, LOCATION	T. Vst. 5
E A	Regional Hazard		
R T	Local Hazard		
K Q	Formal Vulnerability		
U A	Functional Vulnerability		
K E	Structural Vulnerability	It consists in the ability to preserve the static properties of	the building.
5. ROOF	=		
The indicator a	assesses on a qualitative sca-	- Not adopted roof adjustment measures	Very High
le whether ma have been ca	aintenance works on the roof rried out.	- Insufficient roof adjustment measures	High
		- Partially adopted roof adjustment measures	Medium
		- Sufficient roof adjustment measures	Low
		- Adopted or unnecessary roof adjustment measures	Very low
55000	DTION	1	





	NA	ME OF CULTURAL ASSET, LOCATION	T. Vst. 6
E A	Regional Hazard		
R T	Local Hazard		
K Q	Formal Vulnerability		
U A	Functional Vulnerability		
K E	Structural Vulnerability	It consists in the ability to preserve the static properties of the b	ouilding.
6. ARCH	AND VAULT		
		1	

The indicator assesses using a qualitative scale whether maintenance and adjustment measures on arcs and vaults have been adopted.

- Not adopted arch and vault adjustment measures	Very High
- Adapting arch and vault made inadequatel	High
 Partially adopted arch and vault adjustment measures Adapting arch and vault made sufficiently 	Medium Low
- Adopted or unnecessary arch and vault adjustment mea- sures	Very low





	NA	ME OF CULTURAL ASSET, LOCATION	T. Vst. 7
E A	Regional Hazard		
R T	Local Hazard		
K Q	Formal Vulnerability		
U A	Functional Vulnerability		
K E	Structural Vulnerability	It consists in the ability to preserve the static properties of the b	building.
7. FOUN	IDATIONS		

The indicator assesses whether maintenance works foundations have been carried out. Among the interventions to be taken into consideration, it is possible to recall: foundation consolidation, soil consolidation, insertion of foundations, construction of seismic joints, etc. - Not adopted foundations adjustment measuresVery High- Inadequate foundations adjustment measuresHigh- Inadequate foundations adjustment measuresMedium- Sufficient foundations adjustment measuresLow- Adopted or unnecessary foundations adjustment measureVery Iow





	NA	ME OF CULTURAL ASSET, LOCATION	T. Vst. 8
E A	Regional Hazard		
R T	Local Hazard		
K Q	Formal Vulnerability		
U A	Functional Vulnerability		
K E	Structural Vulnerability	It consists in the ability to preserve the static properties of	the building.
0. RESIS	DIANT VERTICAL EL	EIVIEINIS	
The indicator	on the resistant vertical ele-	- Not adopted elements adjustment measures	Very High
ments assesses whether maintenance mea- sures have been adopted.		- Insufficient measures of adjustment the elements	High
		- Partially adopted elements adjustment measures	Medium
		- Sufficient measures of adjustment the elements	Low
		- Adopted or unnecessary elements adjustment measures	Very low





	NA	ME OF CULTURAL ASSET, LOCATION	T. Vst. 9
E A	Regional Hazard		
R T	Local Hazard		
K Q	Formal Vulnerability		
U A	Functional Vulnerability		
K E	Structural Vulnerability	It consists in the ability to preserve the static properties of	the building.
9. STAIR	S		
The indicator c	on the stairs assesses whether	- Not adopted stairs adjustment measures	Very High
maintenance measures have been imple- mented.		- Insufficient measures of adjustment the stairs	High
		- Partially adopted stairs adjustment measures	Medium
		- Sufficient measures of adjustment the stairs	Low
		- Adopted or unnecessary stairs adjustment measures	Very low





	NA	ME OF CULTURAL ASSET, LOCATION	T. Vst. 1
E A	Regional Hazard		
R T	Local Hazard		
K Q	Formal Vulnerability		
U A	Functional Vulnerability		
K E	Structural Vulnerability	It consists in the ability to preserve the static properties o	f the building.
10. BUII	DING CONTEXT		
The indicator e	evaluates the presence of adja-	- Building not adjacent to other buildings or isolated	Very High
cent buildings with the consi	and their possible connection dered cultural asset.	- Building partially adjacent to other buildings	High
		- Building adjacent to other buildings	Medium
		- Building partially connected to adjacent buildings	Low
		- Building connected effectively to adjacent buildings	Very low





	NA	ME OF CULTURAL ASSET, LOCATION	T. Vst. 11
E A	Regional Hazard		
R T	Local Hazard		
K Q	Formal Vulnerability		
U A	Functional Vulnerability		
K E	Structural Vulnerability	It consists in the ability to preserve the static properties of	the building.
11. DETE	ERIORATION		
The indicator a the degree of c	assesses the presence and degradation of the cultural as-	 Presence of very important degradation elements Presence of important degradation elements 	Very High High

- Presence of degradation elements of medium impor-Medium tance Presence of degradation elements of low importance
- Not degradation elements

set under examination.





Low

-∕₩-	NA	ME OF CULTURAL ASSET, LOCATION	T. Vst. 12
E A	Regional Hazard		
R T	Local Hazard		
K Q	Formal Vulnerability		
U A	Functional Vulnerability		
K E	Structural Vulnerability	It consists in the ability to preserve the static properties of the b	ouilding.
12. DET	ERIORATION BY RE	ECENT EARTHQUAKE	
The sub-sub-sub-sub-sub-sub-sub-sub-sub-sub-			

The indicator assesses the presence and -Presence of deterioration caused by recent earthquakes.

Presence of very important degradation elements
 Presence of important degradation elements
 Presence of degradation elements of medium importance
 Presence of degradation elements of low importance
 Not degradation elements
 Very High
 High
 Medium
 Low
 Very High





NAME OF CULTURAL ASSET, LOCATION

Regional Hazard	 - 1. WEATHER CONDITIONS - 2. GEOMORPHOLOGICAL CONDITIONS - 3. REGIONAL HYDROGRAPHIC CONDITIONS - 4. GLOBAL TERRITORIAL CONDITIONS
Local Hazard	 - 1. LOCAL HYDROGRAPHIC CONDITIONS - 2. CONTRAST OF RISK - 3. CONDITIONS OF THE ARCHITECTURAL URBAN CONTEXT
Formal Vulnerability	 - 1. BUILDING PROTECTION SYSTEM - 2. DISTRIBUTION TYPE - 3. FURNISHING, OBJECTS, ETC
Functional Vulnerability	- 1. FUNCTIONAL TYPOLOGY - 1. STRUCTURAL TYPOLOGY





\bigcirc	NAME	OF CULTURAL ASSET, LOCATION	A. F	Rr.
F	Regional Hazard	It refers to the general territorial characteristics. It is not possible to modify the factors that occur to its o	determinatic	on.
L O	Local Hazard			
O D	Formal Vulnerability			
	Functional Vulnerability			
	Structural Vulnerability			
1. WEATHER CONDITIONS				
The indicator refers to weather conditions, considering the level of rainfall of the territory, according to a qualitative scale.		-Very high rainfall area	Very High	٦
		-High rainfall area	High	
		-Medium rainfall area	Medium	1
		-Low rainfall area	Low	
		-Very low rainfall	Very low	
			1	

Describe the conditions and motivate the the risk level chosen.





1



The indicator refers to the geo-morphological conditions of the land on which cultural asset is located. It assesses the risk of landslides, floods and avalanches, considering the geo-morphological causes and the proximity of the examinated building to natural or artificial risk elements.

high proximity to natural or artificial risk elements	very r
Medium/high proximity to natural or artificial risk	High
-Medium proximity to natural or artificial risk elements	Mediu

-Low proximity to natural or artificial risk elements

-No proximity to natural or artificial risk elements

Verv High

٦

um

Low

Very low





	\bigcirc	NAME	OF CULTURAL ASSET, LOCATION	A. Rr. 3
	F	Regional Hazard	It refers to the general territorial characteristics. It is not possible to modify the factors that occur to its c	letermination.
	L O	Local Hazard		
	O D	Formal Vulnerability		
		Functional Vulnerability		
		Structural Vulnerability		
3. REGIONAL HYDROGRAPHIC CONDITIONS				
The indicator refers to regional hydrographic conditions.		efers to regional hydrographic	-Main hydrographic network with very low efficiency	Very High
			Main hydrographic network with low efficiency	High
			-Main hydrographic network with medium efficiency	Medium

-Main hydrographic network with high efficiency

-Main hydrographic network with very high efficiency



DESCRIPTION





Low



-Medium ground cover

-Very low ground cover

-Low ground cover

DESCRIPTION





Medium

Low



condary drainage network and its degree of efficiency.

- Secondary hydrographic network with very low enifericiency
 Secondary hydrographic network with low efficiency
 Secondary hydrographic network with medium efficiency
 Secondary hydrographic network with high efficiency
- -Secondary hydrographic network with very high efficiency

DESCRIPTION







counteract the risk

-Very high presence of natural or artificial elements to

DESCRIPTION







3. CONDITIONS OF THE ARCHITECTURAL - URBAN CONTEX

The indicator considers the urban fabric where the cultural asset is located, paying attention to the density of the buildings and the different levels of accessibility.

- Very High - High building density, very small distances between buildings. Very hard accessibility - High building density, very small distances between buil-dings. Hard accessibility (eg medieval city) High - Medium building density, reduced distances between buildings. Medium Medium accessibility. (eg Renaissance or Modern city) -Low building density, large distances between bu-Low ildings. Easy accessibility. (eg Contemporary city) Very low
- Very low building density, large distances between buildings, isolated buildings. Easy accessibility.







1. BUILDING PROTECTION SYSTEMS

The indicator considers the presence of building protection systems, such as waterproofing, drainage system, barrier systems, etc.

- Systems not present
 Low efficiency systems
- -Medium efficiency systems
- -High efficiency systems
- -Very high efficiency systems

Very High

High

Medium

Low

Very low







sibility of evacuation from the cultural asset under examination. Evacuation intended both for people and for valuables inside the property.

- Distribution path that makes the evacuation problematic.
 Distribution path that partially facilitates the evacuation.
- -Distribution path that facilitates the evacuation.
- Distribution path that facilitates a lot the evacuation.

DESCRIPTION





High

Medium

Low



The indicator refers to the presence of a series of objects of prestige and importance contained in the cultural asset under investigation.

Very high presence of elements exposed to risk
High presence of elements exposed to risk
Medium presence of elements exposed to risk
Low presence of elements exposed to risk
Very low presence of elements exposed to risk
Very low presence of elements exposed to risk





	\bigcirc	NAME	OF CULTURAL ASSET, LOCATION	A. Vfu.
	F	Regional Hazard		
	Ō	Local Hazard		
	D	Formal Vulnerability		
		Functional Vulnerability	It refers to the ability to preserve the functional typology of the building.	of the
		Structural Vulnerability		
1. FUNCTIONAL TYPOLOGY				
The indicator takes into consideration level of affluence in the building according to its public or private nature.		takes into consideration level	- Public building with very high affluence	Very High
		the building according to its te nature.	-Public building with high affluence	High
			-Public building with medium affluence	Medium
			-Public building with low affluence	Low
			- Private or uninhabited building	Very low
	DESCRI	PTION	I I	





	\bigcirc	NAME	OF CULTURAL ASSET, LOCATION	A. Vst. ⁻
	FL	Regional Hazard		
	0 0	Local Hazard		
	D	Formal Vulnerability		
		Functional Vulnerability		
		Structural Vulnerability	It consists in the ability to preserve the static properties of	the building.
1. STRUCTURAL TYPOLOGY				
The indicator takes in consideration the flood resistance of the structural elements, assi- gning a value on a qualitative scale.		akes in consideration the flood	- Structural elements with very low resistance to flood	Very High
		the structural elements, assi- on a qualitative scale.	- Structural elements with low resistance to flood	High
			-Structural elements with medium resistance to flood	Medium
			-Structural elements with high resistance to flood	Low
			- Structural elements with very high resistance to flood	Very low



