

Built Heritage Risk Assessment and Preparedness StrategiesLejla Hadzic

VULNERABILITY IN CH CONTEXT



Destruction due to man-made disasters; Industrial accidents and similar



Destruction due to lack of maintenance



Destruction due to natural catastrophes

HOW TO ASSIST THE REGION IN NEED? POST-CRISIS? IN TRANSITIONAL CONTEXT?







GEOGRAPHICAL SCOPE



IN WESTERN BALKANS

1995 – Bosnia and Herzegovina

2001 - Kosovo

2005 – incl Macedonia, Montenegro and Serbia

2009 – Albania



CHWB'S TOOLBOX



Inclusive conservation



Interpretation and education



Civic engagement



Cross-border professional learning and exchange



QUESTIONS AHEAD

HOW TO ADVANCE RISK PREPAREDNESS PLANNING IN IN CULTURAL HERITAGE CONTEXT?



CHWB APPROACH THROUGH EXAMPLES

1. ASSESSING RISK FOR BUILT HERITAGE

- Heritage risk assessment, World Heritage Site of Gjirokastra, Albania

2. RISK PREPAREDNESS FOR BUILT HERITAGE

- Water Cisterns, World Heritage Site of Gjirokastra, Albania

3. VOLUNTEER NETWORKS

B+CARE







Haderi, monument of 1st category







1200 historical buildings650 listed monuments of culture9 Historical neighborhoods deteriorating daily

Causes: Multiple private ownership; moving population; lack of maintenance

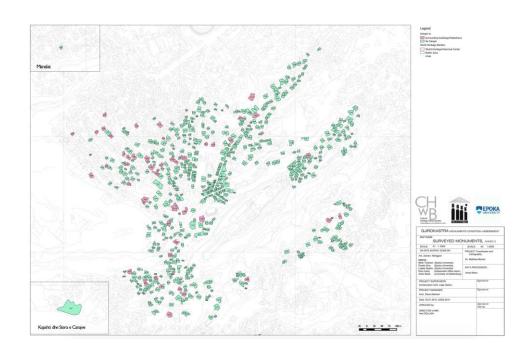




In cooperation with:

- Regional Directorate of National Culture in Gjirokastra (Ministry of Culture)
- EPOKA University

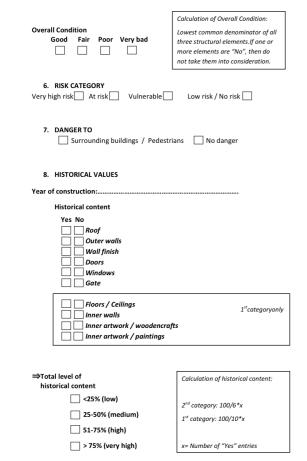
Surveying teams of young architects/volunteers were deployed and worked for 4 months on the field





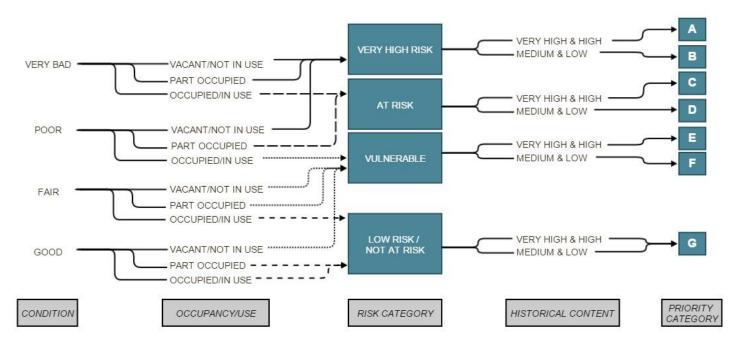
650 forms collected and analyzed

GJIROKASTRA CONDITION	Survey No.:
ASSESSMENT FORM	Date:/ 12 / 2014
1. BASIC DETAILS Monument reference/registration number: Land registration number: Building name: Street: Research Area/Neighborhood:	
Level of protection: First category	Second category
2. OWNER TYPE Private Private, multiple owners Religious organization State authority Other	
Contact Details (if known):	
Surname, Name:	
Address:	City Country
3. OCCUPANCY Vacant or not in use Part occupied or part in use Occupied or in use	
4. USAGE (more than one option possible) Private use Public use	
5. BUILDING CONDITION	
Condition of strucural elements Good Fair Poor Very bad No Roof Walls	
□ □ □ □ □ Elears / Cail	lings





Analytical matrix





4.1 Building condition

25% of monuments have resulted to be in **poor** and **very bad** overall condition. (See Annex 4 – list of monuments with defined building condition, 1st and 2nd category and Annex 5 – map of monuments with defined building condition, 1st and 2nd category,)

Good	Fair	Poor	Very bad		
316	175	84	83		

4.2 Occupancy/use

4.2.1 Occupancy

16% of monuments resulted to be vacant and not in use

Vacant or not in use	Part occupied or part in use	Occupied or in use	Unknown
107	112	435	4

87% of monuments in Gjirokastra are privately owned

Private use	Public use	Unknown
572	92	8

44,15 % of monuments which are privately owned have multiple owners.

Private	Private, Multiple Owners	Religious Organizations	State Authority	Other	Unknown
344	272	11	13	8	10



- **A** Immediate risk, high historical content
- **B** Immediate risk, lower historical content
- **C** Slow decay, high historical content
- **D** Slow decay, lower historical content
- **E** Under threat/vulnerable building, high historical content
- **F** Under threat/vulnerable building, lower historical content
- **G** building in good or fair condition, high or low historical content

Priority Category	A	В	C	D	E	F	G
Total	46	32	26	9	63	61	420

22,8 % of monuments of 1st category are classified to A and B categories of immediate risk

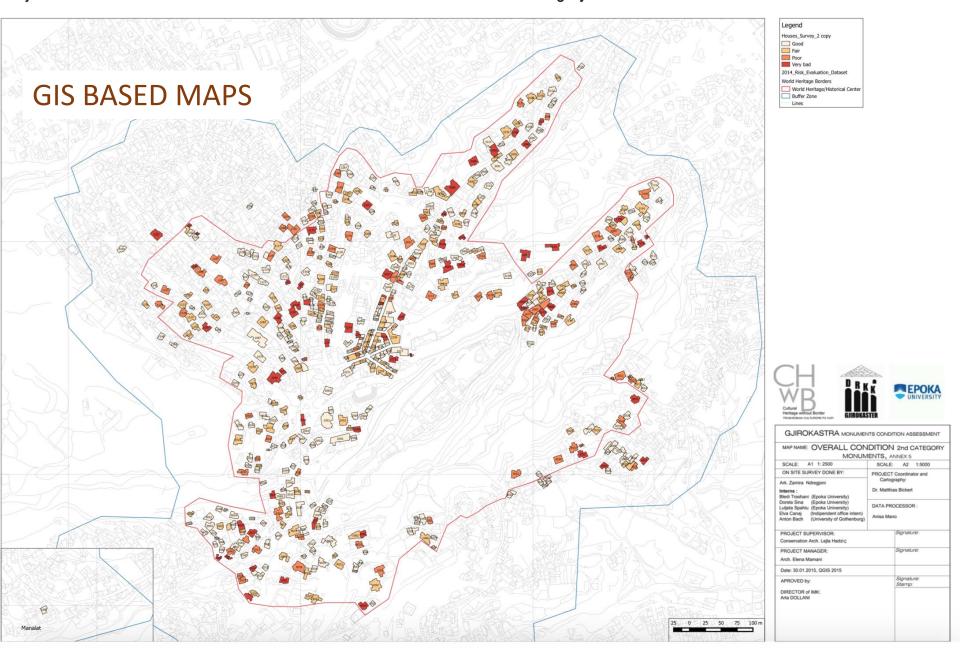
Priority Category	A	В	С	D	E	F	G
Total	11	2	2	0	11	2	29

11,1 % of monuments of 2nd category are classified to A and B categories of immediate risk

Priority Category	A	В	С	D	Е	F	G
Total	35	31	24	8	52	59	383



Gjirokastra Monuments Condition Assessment - Overall Condition - 2nd Category Monuments



Category for intervention Type intervent				priority category B		priority category C			ategory D	priority category E		priority category F			category G	
	Intervention	1st category	2nd category	1st category	2nd category	1st category	2nd category	1st category	2nd category	1st category	2nd category	1st category	2nd category	1st category	2nd category	total
RUINS	1	4	7	1	21				1							
total		4	7	1	21				1							34
PRIOR TO COLLAPSE	2 vacant	2	3	1	2											
	2.1 occupied	4	2		1											
total	W 2	6	5	1	3							(3 3	- 3	15
VERY BAD/ILLEGALY MODIFIED	3 vacant		19	1	5								1			
	3.1 occupied		4		2	2	6									
total	100000000000000000000000000000000000000		23	1	7	2	6						1			40
POOR/ILLEGALY MODIFIED	4 vacant	1					18		2	2	6		6	6 () 5		
4.1 occupied										1	12		3			
total							18		2	3	18		9	9 8		51
FAIR/ILLEGALY MODIFIED	5 vacant									1	5		5			
	5.1 occupied								4	7	29		21			
total	200								4	8	34		26			72
GOOD/ILLEGALY MODIFIED	6											2	23			31133
total				-			9					2	23			25
VERY GOOD/ILLEGALY MODIFIED	7													13	122	
	7.1						5 6							5 8	170	
total														13	292	305
NO IMMEDIATE INTERVENTION									()					17	88	
total	1													17	88	105



6. RECOMMENDATIONS / ACTION PLAN

Category for intervention	Type of action/intervention	Level of urgency		Time frame/financial
		PHASE 1		
	Financial scheme		Establish a financial scheme Develop individual <u>afiche</u> for monuments Contact Government agencies and Donors	2015 – 2016
	Integrated conservation plan		Develop an integrated conservation plan for the Historic Core of Gjirokastra The plan needs to be geared to identify the development direction of the Historic city as well as planning interventions on historic modifications	2015 – 2016
	Community actions/information		Develop monthly community meetings with monument owners on the importance of safeguarding monuments of culture in their ownership	2015 - continuous
	Establish yearly monitoring		Program the strategy to a computer program for easier documentation Establish yearly monitoring scheme for all 650 monuments	2015 - continuous
TYPE 1 RUINS	Type 1 See Annex 15 – categorization of interventions	(MOST URGENT)	Emergency stabilization process implemented in next 12 months for 33 monuments. 1 out of 34 ruins is lost	2015 – 2016 Project cost: average 5000EUR/monument Implementation cost:
	Tab Ruins		Full conservation projects to be developed in next 24 months (where applicable)	25.000EUR/monument (average amour per monument) Total: 990.000,00EUR 2015 – 2017



Complete studies were delivered to:

- Municipality of Gjirokastra
- Ministry of Culture
- Institute of Monuments of Culture

Findings informed and affected

- Conservation strategies by Institute of Monuments of Culture
- Integrated Urban and Tourism Development project financed by World Bank







Gjirokastra: Where the Change Begins

2014-07-29 Uncategorized ₱ awareness-raising, Emergency interventions

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Abandoned monuments lost heritage: A new approach

The story of the Hadëri and Gurgai tower houses is sadly the story of many houses in Gjirokastra. Both these houses located in the historical centre were once monuments of great importance. Through the course of history many changes occurred, resulting in the last inhabitants abandoning the monuments in recent years.

NEXT STEPS - Continuous monitoring in place

- Latest findings from 2017 show case a further deterioration
- Number of ruins grew from 35 to 47;
- Overall condition worsened, from 25% monuments being in bad/very bad condition, today % grew to close to 40

Continuous fund raising for structural consolidation and improvements



Duration:

July 2014 - present

In partnership with:

Regional Directorate for National Culture -

Gjirokastra

Donor:

Prince Claus Fund

Total funding:

€ 52.850



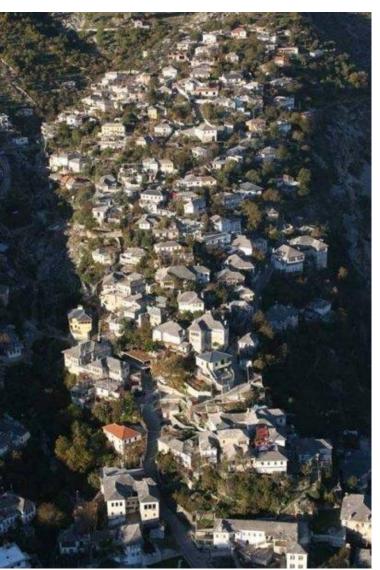


Only in last 3 years, 4 1st category monuments were lost due to fire







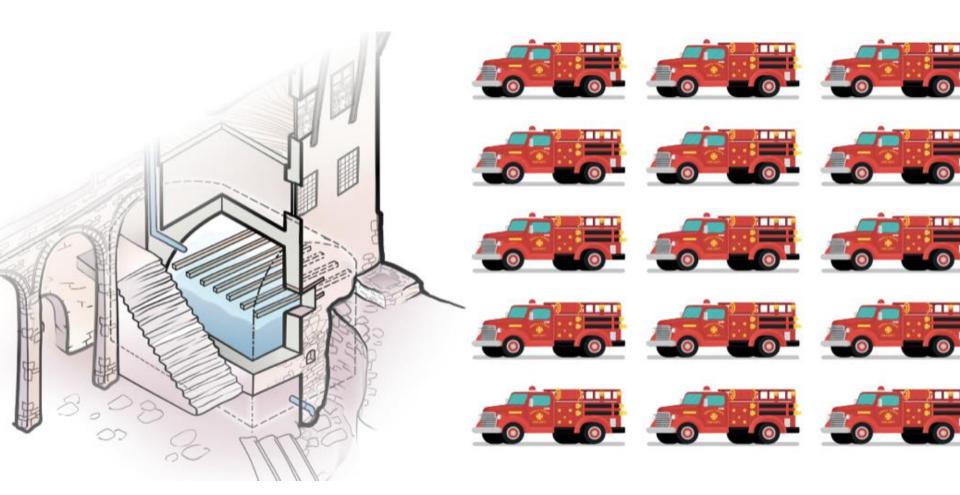


Narrow streets in neighborhoods make it impossible for fire trucks to enter

We found a solution hidden in buildings







- 1 historical cistern can cater to 20monuments around
- 1 historical cistern stores up to 120m3 water; fire truck stores 3-5m3



In cooperation with:

- Regional Directorate of National Culture in Gjirokastra (Ministry of Culture)
- Regional civil emergency response unit
- Local monument owners

We selected a 1st pilot cistern to try out the envisaged solution in converting a cistern to a water storage to be used in case of fire



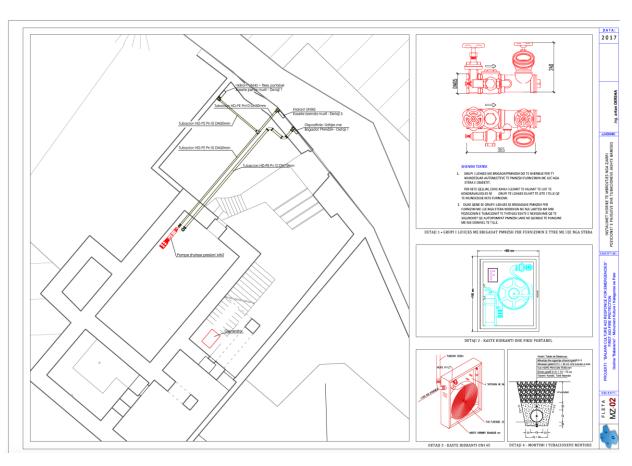


Solution for both:

- Residents/monument owners
- Regional civil emergency response unit











3. VOLUNTEER NETWORKS



Understand the risks to heritage in the Balkans and formulate strategies to address those risks Train and deploy a network of volunteers that can conduct 'first aid' for cultural heritage across the Balkans Coordinate with and among national disaster response institutions and cultural institutions on effective strategies for cultural emergency response.



3. VOLUNTEER NETWORKS



National training in DRM, Gjirokastra 2016 Regional training in DRM, Gjirokastra, Sarajevo, Prizren 2017





NEXT STEPS - Ongoing — risk map for heritage in Balkans Developing more acute relationship in between heritage <u>professionals/volunteers and civil emergency units in the region.</u>









4. Acknowledgments





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Thank you....

REPUBLIKA E SHQIPËRISË MINISTRIA E KULTURËS



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