



TAKING  
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2<sup>nd</sup> International Conference



Managing the Protection of Cultural Heritage in Changing Environment

27<sup>th</sup> July 2019, Prague



## Evacuation Plans and Preparedness Strategies



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## Cíle nadnárodní strategie

### *Aims of the transnational strategy*

- Základ pro **akční plány** na místní úrovni (Pilotní místa)  
*Basis for action plans at local level (Pilot sites)*
- Výchozí bod pro rozvoj a zlepšování **nadnárodních strategií** na ochranu kulturního dědictví v nouzových situacích  
*Starting point for development and improvement of transnational strategies for protection of cultural heritage in emergency situations*
- Posílit **ochranu** hmotného kulturního dědictví  
*Strengthen the protection of tangible cultural heritage*
- Podporovat udržitelných **direktiv** pro snižování rizika dědictví  
*Support sustainable heritage risk reduction policies*
- Začlenit otázky snižování rizika katastrof do **místních plánů řízení**  
*Incorporate issues of disaster risk reduction in local management plans*



## Zásady nadnárodní strategie

### *Principles of the transnational strategy*

- Dědictví je považováno za **pozitivní element** udržitelného rozvoje a snižování rizika katastrof  
*Heritage is considered as positive element in sustainable development and disaster risk reduction*
- Požadavek **předběžného plánování** včetně kultury prevence.  
*Requirement of advance planning including a culture of prevention.*
- Posílit význam kulturní rozmanitosti, místních znalostí a komunit.  
*Strengthen the importance of cultural diversity, local knowledge and communities.*
- Uplatnit široké chápání kulturního dědictví.  
*Apply a broad understanding of cultural heritage.*

Strategy for Reducing Risks from Disasters at World Heritage Properties (UNESCO 2006; UNESCO 2007),  
Sendai Framework for Disaster Risk Reduction 2015 - 2030



# NADNÁRODNÍ STRATEGIE

## TRANSNATIONAL STRATEGY



United Nations  
Educational, Scientific and  
Cultural Organization  
Organisation  
des Nations Unies  
pour l'éducation,  
la science et la culture

### World Heritage

31 COM

Distribution Limited

WHC-07/31.COM/7.2  
Paris, 10 May 2007  
Original: English/French

UNITED NATIONS EDUCATIONAL, SCIENTIFIC  
AND CULTURAL ORGANIZATION

CONVENTION CONCERNING THE PROTECTION OF  
THE WORLD CULTURAL AND NATURAL HERITAGE

World Heritage Committee  
Thirty first Session

Christchurch, New Zealand  
23 June – 2 July 2007

**Item 7.2 of the Provisional Agenda:** Issues related to the state of conservation of World Heritage properties: Strategy for Reducing Risks from Disasters at World Heritage properties

Objectives	Priority Actions
<p>education and research, including on relevant traditional knowledge, are the most effective ways of developing a culture of preparedness. This particular area of actions fits entirely within the broader mandate of UNESCO as the UN intellectual arm, in particular for establishing global knowledge networks</p>	
<p><b>3. Identify, assess and monitor disaster risks at WH properties</b></p> <p><i>The first step to reduce disasters and mitigating their impact is the identification of possible risk factors, including from global agents such as climate change. The vulnerabilities from disasters to World Heritage properties must be therefore identified, assessed in their level of priority and closely monitored, so as to inform the appropriate risk management strategies</i></p>	<p><b>Action 3.1</b> Support risk identification and assessment activities at World Heritage properties, including consideration of climate change impacts on heritage, consideration of underlying risk factors, all necessary expertise and the involvement of relevant stakeholders as appropriate.</p> <p><b>Action 3.2</b> Develop a World Heritage Risk Map at the global level or at regional levels to assist States Parties and the Committee to develop better responses.</p>
<p><b>4. Reduce underlying risk factors at WH properties</b></p> <p><i>When a disaster occurs, there are a number of underlying factors that can significantly aggravate its impact. These include land/water and other natural resources management, industrial and urban development, and socio-economic practices. Removing the root causes of vulnerability implies often the identification and reduction of underlying risk factors associated to human activities</i></p>	<p><b>Action 4.1</b> Give priority within international assistance to helping States Parties in implementing emergency measures to mitigate significant risks from disasters that are likely to affect the Outstanding Universal Value, including the authenticity and/or integrity of World Heritage properties.</p> <p><b>Action 4.2</b> Develop social training programmes for communities living within or around World Heritage properties, including consideration of heritage as a resource to mitigate physical and psychological damage of vulnerable populations, particularly children, during and in the aftermath of disasters.</p>
<p><b>5. Strengthen disaster preparedness at World Heritage properties for effective response at all levels</b></p> <p><i>The worst consequences of natural or human-made disasters can often be avoided or mitigated if all those concerned are prepared to act according to well conceived risk reduction plans, and the necessary human and financial resources, and</i></p>	<p><b>Action 5.1</b> Ensure that risk management components, with identified priorities, are integrated within management plans for World Heritage properties, as a matter of urgency. For World Heritage cultural properties, the scope of these plans should address ways of protecting the key assets that contribute towards the Outstanding Universal Value and should also include the protection of any significant original archival records that contribute to their heritage value, whether or not they are located within the boundaries of the World Heritage property. For natural properties, such plans should be oriented to</p>



## Cíle a dvě prioritní opatření

### *Objectives & two priority actions each*

Posílit institucionální podporu a řízení s cílem snížit rizika na kulturních památkách  
*Strengthen institutional support and governance for reducing risks at cultural heritage sites*

Využití znalostí, inovací a vzdělávání k vybudování kultury prevence katastrof  
*Use knowledge, innovation and education to build a culture of disaster prevention*

Identifikovat, posoudit a sledovat rizika spojená s katastrofami na památkách  
*Identify, assess and monitor risks from disasters at heritage sites*

Snížení rizikových faktorů na památkách  
*Reduce risk factors at heritage sites*

Posílit připravenost na katastrofy na památkách  
*Strengthen disaster preparedness at heritage sites*

Posílit schopnost „lépe se budovat“ a integrovat nehmotné dědictví do strategií řízení rizik  
*Strengthen the capacity to “building back better” and integrate intangible heritage into risk management strategies*





# NADNÁRODNÍ STRATEGIE

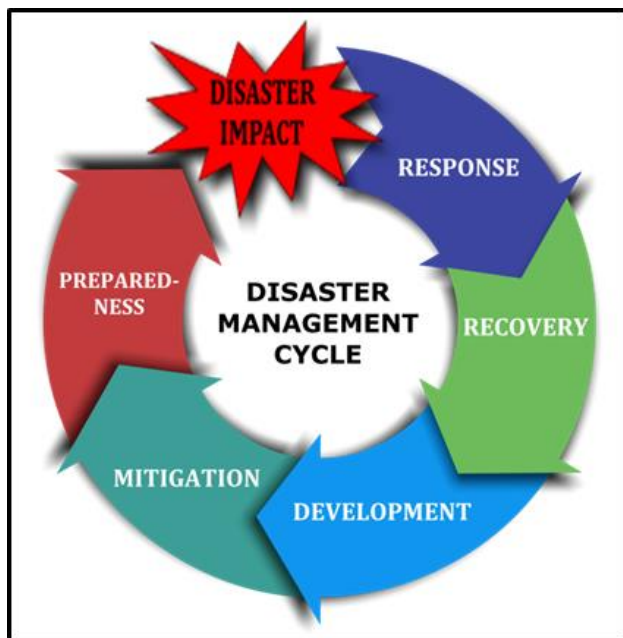
## TRANSNATIONAL STRATEGY

Objective	Priority Action 1	Priority Action 2
1. Strengthen institutional support and governance for reducing risks at cultural heritage sites	1.1. Promote cultural heritage and its positive role for disaster reduction as part of sustainable development.	1.2. Strengthen policies and funding provisions for disaster reduction.
	D.T2.1.1 D.T2.1.2	
	A.C.2 A.C.3 A.C.4 A.C.5 A.C.6 A.C.7	
2. Use knowledge, innovation and education to build a culture of disaster prevention	2.1. Develop up-dated teaching / learning and awareness-raising resource materials (including training kits) on disaster reduction and disseminate them widely among heritage managers, local government and the public.	2.2. Strengthen the capacity of heritage managers and of the local community through field-based training programmes, to develop and implement risk management plans and contribute to regional and (trans-) national disaster reduction strategies.
	D.T2.1.3 D.T2.2.1	



## Přípravná opatření v oblasti ochrany kulturního dědictví

### *Preparatory Measures in Cultural Heritage Protection*



## Přípravná opatření v oblasti ochrany kulturního dědictví

### *Preparatory Measures in Cultural Heritage Protection*

1. Posouzení rizik  
*Risk assessment*
2. Vnitřní odpovědnost  
*Internal responsibilities*
3. Nouzový plan  
*Emergency plan*
4. *Externí podpora*  
External support





### 1. Posouzení rizik *Risk assessment*

Krems-Stein, Austria

Likelihood	Almost certain					
	Likely		Deterioration			
	Possible	Accidents Pollutants	Theft	Climate Pests & mold	Extreme weather	Fire Flood
	Unlikely		Light			
	Rare	General security Violence	Vandalism		Earthquake	
		Insignificant	Minor	Moderate	Major	Severe
	Impact					



## 2. Vnitřní odpovědnost

### *Internal responsibilities*

- Definovat, kdo je na straně zainteresovaných stran kulturního dědictví zodpovědný za řešení mimořádné situace.  
*Define who on the cultural heritage stakeholder side is responsible for dealing with an emergency situation.*
- Umístěte vnitřní odpovědnost vysoko hierarchii.  
*Place internal responsibility high up in the hierarchy.*
- Nouzový koordinátor musí mít pravomoc přijímat nezbytná rozhodnutí během nouzové situace.  
*Emergency coordinator needs to have authority to make necessary decisions during emergency.*



### 3. Nouzový plan *Emergency plan*

1. **Lidský život je na prvním místě.**  
*Human lives come first.*
2. **Nepohybujte kulturním dědictvím, pokud to není přesvědčivé a pouze v případě, že jsou objekty na novém místě bezpečnější.**  
*Do not move cultural heritage unless compelling and only if the objects are safer at the new location.*



### 3. Nouzový plan

#### *Emergency plan*

#### 1. Vnitřní havarijní plan

##### *Internal emergency plan*

Důležité kontakty, telefonní čísla, odpovědnosti  
*Important contacts, telephone numbers, responsibilities*

Poplachový řetěz  
*Alarm chain*

#### 2. Je třeba definovat priority

##### *Priorities need to be defined beforehand*

Dost času na fundovaná rozhodnutí týkající se stanovení priorit  
*Enough time for well-founded decisions concerning prioritisation*

Označování priorit  
*Labelling of priorities*

Může být objekt během katastrofy nebo jejího bezprostředního následku obnoven?  
*Can the object be recovered during the catastrophe or its immediate aftermath?*



### 3. Nouzový plan *Emergency plan*

#### 3. Karty trasy pro kulturní dědictví *Route Cards for cultural heritage*





- Vychází z místních protipožárních plánů  
*Based on local firefighting plans*
- Podrobnosti o prioritních objektech  
*Details of priority objects*

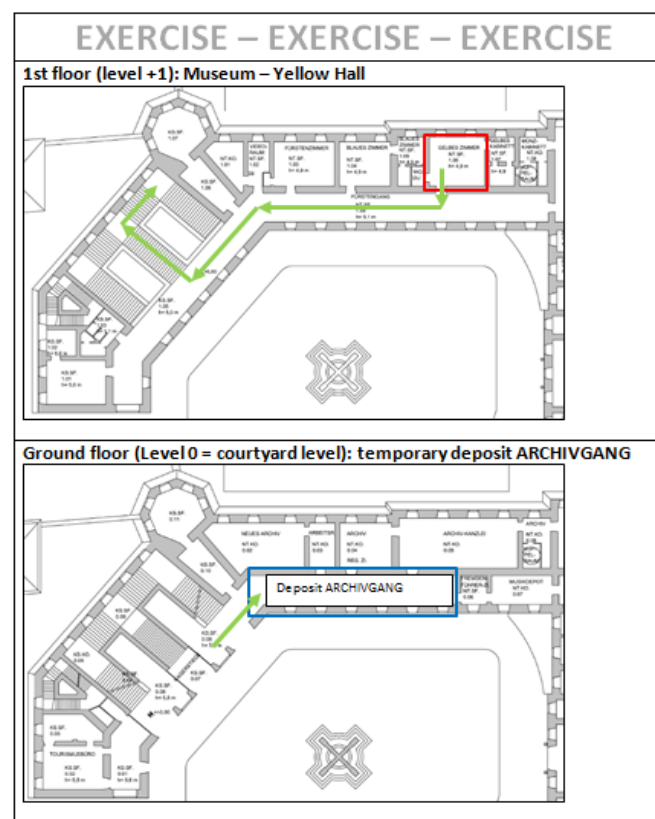




### 3. Nouzový plan

#### Emergency plan

EXERCISE – EXERCISE – EXERCISE	
Cultural Property Protection Göttweig Monastery – Exercise 18 <sup>o</sup> November 2017	Generated: 14.11.2017 Last update: 14.11.2017 Responsible: Anna Kaiser
Priority: 3 stars 	
Object: Two baroque putti	Location: Yellow Hall, Museum, 1 <sup>st</sup> floor
	
Height above ground: 1,2 m	
Personnel: 3 persons for lifting the glass vitrine	
Material: - Vacuum cups for lifting the glass vitrine	
Temporary deposit: Archivgang	
Caveats: - Transport them seperately	
Final deposit: if necessary, will be fixed by the cultural heritage responsible on stage	



### 3. Nouzový plán - karty pro kulturní dědictví

#### *Emergency plan - Cultural Heritage Route Cards*



### 4. *Externí podpora* *External support*

- Místní pohotovostní pracovníci  
*Local emergency responders*

- Firebrigades  
*požární sbor*
- Civil Protection  
*Civilní ochrana*
- Military  
*armáda*



- Poznejte sebe a provozní postupy před katastrofami  
*Get to know each other and operational procedures before catastrophe strikes*





# TÝM ZÁCHRANÁŘŮ KULTURNÍHO DĚDICTVÍ *CULTURAL HERITAGE RESCUE TEAM*



## Tréninková cvičení TRITOLIA18 & KOLOMANI18 *Training exercises TRITOLIA18 & KOLOMANI18*



SUMMER UNIVERSITY CULTURAL  
PROPERTY PROTECTION 2018

### CULTURAL HERITAGE RESCUE TEAMS

August 27 - September 1 2018  
Monastery of Melk

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