

<b>FORMAT</b>		
1. Name of resource	<b>First Aid to Cultural Heritage in Times of Crisis Handbook and Toolkit</b>	
2. Location	<a href="https://www.iccrom.org/publication/first-aid-cultural-heritage-times-crisis-toolkit">https://www.iccrom.org/publication/first-aid-cultural-heritage-times-crisis-toolkit</a>	
3. Alternative location	<a href="https://www.iccrom.org/publication/first-aid-cultural-heritage-times-crisis-handbook">https://www.iccrom.org/publication/first-aid-cultural-heritage-times-crisis-handbook</a>	
4. Author[s]	A. Tandon	
5. Publisher/producer/host	ICCROM and Prince Claus Fund for Culture and Development	
6. Year	2018	
7. Suggested citation	Tandon, A. (2016). First Aid to Cultural Heritage in Times of Crisis (handbook and toolkit). ICCROM and Prince Claus Fund for Culture and Development, available at <a href="https://www.iccrom.org/publication/first-aid-cultural-heritage-times-crisis-toolkit">https://www.iccrom.org/publication/first-aid-cultural-heritage-times-crisis-toolkit</a> .	
8. Languages in which available	English, French, Turkish	
9. Geographic area resource relates to	Worldwide	
10. Does the resource relate to a specific time frame?		
<b>11. Type</b>	Report	Yes
	Toolkit/Framework/Roadmap	Yes
	Sign-post to other resource (database)	
	Case studies	
	Other	Yes (video)
12. If this is part of an initiative, what is the initiative?	Developed and produced “in the framework of the ICCROM, Prince Claus Fund and Smithsonian Institution collaboration for developing capacity in emergency preparedness and response for cultural heritage.” (Toolkit p.3)	
<b>COLLECTIONS AND COLLECTIONS-BASED INSTITUTIONS</b>		
13. Explicit links to collections	Yes	
14. Explicit links to museums/libraries/archives	Yes	
<b>15. Types of institutions the resource covers</b>	<b>Museums</b>	<b>X</b>
	<b>Archives</b>	<b>X</b>
	<b>Libraries</b>	<b>X</b>
	<b>Other</b>	<b>X</b>

16. Types of collections/disciplines the resource covers	Arts, humanities and social sciences: philosophy, psychology, religion, social sciences, law, politics, language, arts and recreation, architecture, literature, history, geography and ethnology, anthropology, archaeology	X
	Science, natural history, technology, medicine, engineering, manufacturing	X
17. If no explicit links to collections, justification for inclusion		
<b>HOW IT CONTRIBUTES TO SUSTAINABLE DEVELOPMENT</b>		
<b>18. Collections-related activities the resource relates to (mark all that apply)</b>		
<b>Develop collections to protect and safeguard wider cultural and natural heritage more effectively</b> , for example by targeting collecting to threatened forms of heritage in strategic ways		
<b>Use collections to promote learning and educational opportunities that contribute to sustainable development more effectively</b> , for example education for sustainable development and sustainable lifestyles, human rights, gender equality, promotion of a culture of peace and non-violence, global citizenship and appreciation of cultural diversity and of culture's contribution to sustainable development and/or skills development relating to collections		
<b>Use collections to promote cultural participation/social inclusion more effectively</b> , for example by reducing barriers to participation, to ensure no-one is 'left behind'		
<b>Use collections to promote sustainable tourism more effectively</b> , for example by developing new products based on local cultural heritage, and/or considering the rights of stakeholder groups in relation to collections		
<b>Use collections to support research that contributes to sustainable development</b> (including all forms of personal and self-directed research at all levels that make use of stored collections) more effectively, for example by providing effective facilities, collections and information to meet researchers' needs		
Make decisions around collections that contribute to sustainable development more effectively		
i.	employment (recruiting, staff training, staff safety)	X
ii.	energy consumption, greenhouse gas emissions, reduction, monitoring and reporting	
iii.	waste management and reduction of waste	

iv. transport (forms of transport, energy use)	
v. commercial activities including copyright and IP	
vi. governance and management	X
vii. security, disaster preparedness and risk reduction	X
<b>Direct external leadership, partnerships and collaborations towards sustainable development more effectively</b> , for example by developing impactful partnerships	X
<b>19. Does the resource relate clearly to any international conventions (mark all that apply)?</b>	
Culture conventions:	
1952, 71 Protection of Copyright and Neighbouring Rights	
1954 Protection of Cultural Property in the Event of Armed Conflict	X
1970 Fighting Against the Illicit Trafficking of Cultural Property	X
1972 Protection of the World Cultural and Natural Heritage	X
2001 Protection of the Underwater Cultural Heritage	X
2003 Safeguarding of the Intangible Cultural Heritage	X
2005 Protection and Promotion of the Diversity of Cultural Expressions	X
Rio Conventions:	
Convention on Biological Diversity (CBD), Convention to Combat Desertification (UNCCD), Framework Convention on Climate Change (UNFCCC)	X
<b>AIMS AND CONTENT</b>	
<b>20. What issues does the resource aim to address?</b>	<p>“Securing cultural heritage during large-scale and multilayered humanitarian crises is challenging for many reasons. One major reason is the lack of consideration for cultural heritage within national and international emergency management systems. Other reasons are encompassed in such questions as: if multiple cultural sites are affected, where does one start? Who can provide access? Who can assist? When is the right time to intervene? How should one intervene?</p> <p>This Handbook and its Toolkit explain ‘cultural heritage first aid’: the immediate and interdependent actions taken to stabilise and reduce risks to endangered tangible and intangible cultural heritage, with the aim of promoting its recovery. Through a field-tested, three-step framework, it establishes when and how to protect endangered cultural heritage, and indicates all those who could assist in such operations. The steps and workflows provided can be adapted to different types of emergencies and their specific contexts.</p> <p>This handbook aims to serve as a:</p> <ul style="list-style-type: none"> <li>• Reference to train cultural first aiders, emergency</li> </ul>

	<p>responders and volunteers.</p> <ul style="list-style-type: none"> <li>• Tool to improve the emergency preparedness and response plans of cultural heritage institutions.</li> <li>• Guide to assist in implementing first aid operations in conjunction with humanitarian relief and recovery.</li> </ul> <p>It identifies aspects of cultural heritage first aid, the coordinated implementation of which could help reduce the affected population's vulnerability. By doing so, we hope to advocate for the inclusion of cultural heritage first aid in international, national and local emergency response and humanitarian relief systems" (Handbook, p.7)</p>
21. Intended audience of resource	<p>"Cultural heritage professionals and institutions that would like to develop coordinated emergency plans. Community-based organizations and humanitarian aid professionals who are working to enhance disaster resilience in-risk prone regions of the world. Civil protection, civil defence and military personnel, firefighters, and others in charge of protecting communities and their assets during disasters and conflicts." (webpage description)</p> <p>[Cultural heritage institutions and organisations, those responsible for training and development of heritage professionals and practitioners]</p>
22. Process of development	Written by a team from ICCROM
23. Organisation/structure/contents	<p><b>Handbook:</b></p> <p><b>Foreword 5</b></p> <p><b>Preface 6</b></p> <p><b>Handbook navigation 8</b></p> <p><b>Introducing cultural heritage first aid</b></p> <ul style="list-style-type: none"> <li>• What is cultural heritage first aid? 10</li> <li>• How to provide it? 11</li> <li>• Who can initiate it? 14</li> <li>• Why coordinate? 18</li> <li>• When to provide it? 20</li> </ul> <p><b>Step 1: Situation analysis</b></p> <ul style="list-style-type: none"> <li>• What is situation analysis? 25</li> <li>• Why undertake situation analysis? 26</li> <li>• Who should participate? 27</li> <li>• How to implement it? 28</li> </ul> <p><b>Step 2: Post-event, on-site damage and risk assessment</b></p> <ul style="list-style-type: none"> <li>• What is a post-event on-site damage and risk assessment? 43</li> <li>• Why undertake it? 44</li> <li>• How to implement it? 45</li> </ul> <p><b>Step 3: Security and stabilisation</b></p>

	<ul style="list-style-type: none"> <li>• What are security and stabilisation? 69</li> <li>• Who can implement security and stabilisation? 70</li> <li>• Secure the site 73</li> <li>• Post-event evacuation 77</li> <li>• Salvage 88</li> <li>• Emergency stabilisation of structures 104</li> <li>• Securing intangible heritage 117</li> </ul> <p>Early recovery</p> <ul style="list-style-type: none"> <li>• What is early recovery? 125</li> <li>• Recommended actions 127</li> <li>• Conclusion 135</li> </ul> <p>Glossary 136</p> <p>References 150</p> <p><b>Toolkit:</b></p> <p><b>Toolkit navigation 5</b></p> <p><b>Post-event, on-site damage and risk assessment</b></p> <ul style="list-style-type: none"> <li>• Checklists 8</li> <li>• Preparing a site plan and a base map 11</li> <li>• Characteristics of a useful assessment form 14</li> <li>• Post-event damage and risk assessment templates 15</li> <li>• Tips for collecting data on damage 26</li> <li>• Typical structural and non-structural damage 28</li> </ul> <p><b>Security and stabilisation</b></p> <ul style="list-style-type: none"> <li>• Laying grids to map locations 39</li> <li>• Creating location codes 41</li> <li>• Assigning unique identification numbers 42</li> <li>• Documenting an evacuation 44</li> <li>• Documenting a salvage operation 46</li> <li>• Tips for handling 48</li> <li>• Tips for packing 49</li> <li>• Common organic and inorganic materials 53</li> <li>• Triage and prioritising 55</li> <li>• Stabilisation of movable cultural heritage 57</li> <li>• Materials and equipment for evacuation and salvage 67</li> <li>• Temporary cover 73</li> <li>• Basic shoring 79</li> <li>• Tips for drying wet structures 92</li> <li>• Materials and equipment for the emergency stabilisation of structures and buildings 93</li> </ul> <p><b>References 97</b></p>
<b>FRAMEWORKS</b>	
24. Framework structure	The process set out in the toolkit can be considered as a framework. Under each heading, checklists and practical assessment and evaluation tools are provided in the

	toolkit: <ul style="list-style-type: none"> <li>• Post-event, on-site damage and risk assessment</li> <li>• Security and stabilisation</li> </ul>
25. Relevant policy considerations	Yes
26. Resources for implementation identified	Yes
27. Specific assessment points/indicators/milestones/action plan for monitoring	Yes
<b>28. ASPECTS OF SUSTAINABILITY COVERED BY RESOURCE (mark all that apply)</b>	
People (social sustainability)	X
Planet (environmental sustainability)	
Prosperity (economic sustainability)	
Peace	X
Partnerships	X
<b>29. CROSS-CUTTING CONSIDERATIONS COVERED BY RESOURCE (mark all that apply)</b>	
Gender perspectives	
North and South perspectives	
<b>HOW THE RESOURCE CONTRIBUTES TO AGENDA 2030 AND THE SDGs</b>	
<b>HOW AGENDA 2030 AND THE SDGs FEATURE IN THE RESOURCE</b>	
30. SDGs and Agenda 2030 specifically mentioned?	No
31. SDGs specifically mentioned?	No
32. SDG targets specifically mentioned?	No
33. SDG indicators specifically mentioned?	No
<b>SDGs AND SDG TARGETS AND LINKAGES</b>	
34. Comments on SDG linkages	The resource can help implement activity that supports a number of SDG targets that support Disaster Risk Management and Disaster Risk Reduction. These include: SDG 2.5 (effective seed banks), SDG 4.4. (staff skills), SDG 11.4 (strengthen efforts to protect and safeguard cultural and natural heritage), SDG 11.B (adopt Disaster Risk

	<p>Reduction approaches), SDG 13.1 (strengthen ability to face natural disasters), SDG 13.3 (which includes education and institutional capacity for climate change adaptation and early warning), SDG 16.4 (combating organized crime), SDG 16.6 (effective, accountable and transparent institutions), SDG 16.10 (protecting access to information and fundamental freedoms), and SDGs 17.16 and 17.17 (international and multistakeholder partnerships respectively).</p>
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**35. SDGs and SDG targets the resource helps advance**

<p><b>SDG 2: End hunger, achieve food security and improved nutrition and promote sustainable agriculture</b>  2.5 By 2020, maintain the genetic diversity of seeds, cultivated plants and farmed and domesticated animals and their related wild species, including through soundly managed and diversified seed and plant banks at the national, regional and international levels, and promote access to and fair and equitable sharing of benefits arising from the utilization of genetic resources and associated traditional knowledge, as internationally agreed</p>	<p>Collections development related to genetic diversity of seeds, cultivated plants, farmed and domesticated animals (notably of local or at-risk varieties) and related wild species, for example in herbaria, museums, seed and gene banks, and seed libraries.</p> <p>Number of educational programmes related to genetic diversity of domesticated plants, animals and wild relatives.</p> <p>Number of educational programmes related to fair and equitable benefits of use of genetic resources and associated traditional knowledge, following international agreements (e.g. Nagoya Protocol).</p> <p>Number of educational and awareness programmes for people to ensure that they are aware of their rights and protections in terms of traditional knowledge, and exploitation of genetic resources.</p> <p>Number of research activities that help understand traditional knowledge, and genetic diversity of crop plants and animals.</p> <p>Ensure that producers of crop plants and animals are fairly compensated.</p> <p>Policies and procedures in place to ensure legal compliance with fair and equitable benefits of use of genetic resources and associated traditional knowledge, following international agreements (e.g. Nagoya Protocol).</p> <p>Number of partnerships at national, regional and international levels, as appropriate, to soundly manage seed and plant banks.</p>
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<p><b>SDG 4. Ensure inclusive and equitable quality education and promote lifelong learning opportunities for all</b></p> <p>4.4 By 2030, substantially increase the number of youth and adults who have relevant skills, including technical and vocational skills, for employment, decent jobs and entrepreneurship</p>	<p>Number of young people and adults in skills-development activities and programmes drawing on collections, for employment, decent jobs and entrepreneurship</p> <p>Increase in number of young people and adults in such programmes</p> <p>Number and proportion of staff who have received training in the last year, to better support their contribution to the SDGs.</p> <p>Programs and processes in place to ensure the availability of a skilled workforce.</p>
<p><b>SDG 11. Make cities and human settlements inclusive, safe, resilient and sustainable</b></p> <p>11.4 Strengthen efforts to protect and safeguard the world’s cultural and natural heritage</p>	<p><b><i>11.4.1 Total expenditure (public and private) per capita spent on the preservation, protection and conservation of all cultural and natural heritage, by type of heritage</i></b></p> <p>Plans, policies and procedures in place for the safe use of collections for a variety of purposes, protecting and safeguarding both collections and those who use them.</p> <p>Plans, policies and procedures in place for the identification, safeguarding and protection of cultural and natural heritage at risk.</p> <p>Collecting programmes in place to protect, safeguard and make use of cultural and natural heritage, addressing the needs of communities and stakeholders, and ensuring that collections can be an effective resource for sustainable development.</p> <p>Number and diversity of educational, awareness-raising, research programmes, and partnerships that aim to strengthen protection of cultural and natural heritage.</p>
<p><b>SDG 11. Make cities and human settlements inclusive, safe, resilient and sustainable</b></p> <p>11.B By 2020, substantially increase the number of cities and human</p>	<p><b><i>11.B.1 Proportion of local governments that adopt and implement local disaster risk reduction strategies in line with the Sendai Framework for Disaster Risk Reduction 2015-2030a</i></b></p> <p>Disaster Risk Reduction strategies and plans in place, in line</p>

<p>settlements adopting and implementing integrated policies and plans towards inclusion, resource efficiency, mitigation and adaptation to climate change, resilience to disasters, and develop and implement, in line with the Sendai Framework for Disaster Risk Reduction 2015-2030, holistic disaster risk management at all levels</p>	<p>with the Sendai Framework for Disaster Risk Reduction, to ensure collecting institutions and collections are factored into planning, and contribute effectively to Disaster Risk Reduction.</p>
<p><b>SDG 13. Take urgent action to combat climate change and its impacts</b> 13.1 Strengthen resilience and adaptive capacity to climate-related hazards and natural disasters in all countries</p>	<p>Plans in place for near and longer term to withstand and actively adapt to climate-related hazards and natural disasters.</p>
<p><b>SDG 13. Take urgent action to combat climate change and its impacts</b> 13.3 Improve education, awareness-raising and human and institutional capacity on climate change mitigation, adaptation, impact reduction and early warning</p>	<p>Plans in place to enhance positive contributions to addressing climate change through use of collections. Plans in place to ensure collections, collections institutions and broader society can adapt effectively to climate change.</p> <p>Plans in place for effective education and awareness raising on climate change mitigation, adaptation, impact reduction and early warning.</p> <p>Plans in place to reduce negative contributions of collections-related functions, e.g. measuring greenhouse emissions with plans and targets in place to reduce them.</p>
<p><b>SDG 16. Promote peaceful and inclusive societies for sustainable development, provide access to justice for all and build effective, accountable and inclusive institutions at all levels.</b> 16.4 By 2030, significantly reduce illicit financial and arms flows, strengthen the</p>	<p>Identification of stolen assets, return of stolen assets.</p> <p>Collections development, education, awareness-raising and partnership activities relating to organized crime, with a view to combatting organized crime everywhere.</p>

<p>recovery and return of stolen assets and combat all forms of organized crime</p>	
<p><b>SDG 16. Promote peaceful and inclusive societies for sustainable development, provide access to justice for all and build effective, accountable and inclusive institutions at all levels.</b> 16.6 Develop effective, accountable and transparent institutions at all levels</p>	<p><b>16.6.2 Proportion of the population [audience/users/non-users] satisfied with their last experience of public services</b> Access to information, and accountability policies and mechanisms, in place.</p> <p>Effective institutional arrangements, both for own working and for working in partnership with other sectors, in place.</p> <p>Plans and arrangements in place for extraordinary circumstances such as natural and human-caused disasters.</p> <p>Effective arrangements in place to fulfil legal and social obligations and responsibilities.</p> <p>Effective arrangements in place for transparent communication and reporting of institutional performance.</p> <p>Effective arrangements in place for transparent decision-making and accountability.</p>
<p><b>SDG 16. Promote peaceful and inclusive societies for sustainable development, provide access to justice for all and build effective, accountable and inclusive institutions at all levels.</b> 16.10 Ensure public access to information and protect fundamental freedoms, in accordance with national legislation and international agreements</p>	<p>Adopt and implement constitutional, statutory and/or policy guarantees for public access to information.</p> <p>Plans in place, and plans implemented to enhance public access to information relating to collections.</p> <p>Plans in place, and plans implemented to support fundamental freedoms, in line with human rights, national and international agreements and legislation.</p> <p>Plans and procedures in place for public access to information relating to the operation and management of collections-based institutions.</p> <p>Complaint mechanism in place for public to use where public access to information and fundamental freedoms not supported or fulfilled.</p>
<p><b>SDG 17. Partnerships for the goals</b> 17.16 Enhance the global</p>	<p>Number and/or increase in number, and diversity of global and international multi-stakeholder partnerships that share</p>

<p>partnership for sustainable development, complemented by multi-stakeholder partnerships that mobilize and share knowledge, expertise, technology and financial resources, to support the achievement of the sustainable development goals in all countries, in particular developing countries</p>	<p>collection-related knowledge, expertise, technology and financial resources to address the SDGs, or that otherwise involve collections-based organisations and institutions.</p> <p>Number and/or increase in number, and diversity of global and international multi-stakeholder partnerships involving developing countries that share collection-related knowledge, expertise, technology and financial resources to address the SDGs.</p>				
<p><b>SDG 17. Partnerships for the goals</b> 17.17 Encourage and promote effective public, public-private and civil society partnerships, building on the experience and resourcing strategies of partnerships</p>	<p><b><i>17.17.1 Amount of United States dollars committed to public-private and civil society partnerships</i></b></p> <p>Number and/or increase in number, and diversity of local, national and regional multi-stakeholder (public, public-private and civil society) partnerships that address the SDGs drawing on collections, or that otherwise involve collections-based organisations and institutions.</p>				
1	2	3	4	5	6
7	8	9	10	11	12
13	14	15	16	17	