FORMAT	
1. Name of resource	**3.11 Densho Road [disaster memorial museums]**
2. Location	https://www.311densho.or.jp/en/profile/index.html
3. Alternative location	
4. Author[s]	3.11 Densho Road Promotion Organization
5. Publisher/producer/host	3.11 Densho Road Promotion Organization
6. Year	2019
7. Suggested citation	3.11 Densho Road, https://www.311densho.or.jp/en/profile/index.html
8. Languages in which available	English, Japanese, web page translates automatically
9. Geographic area resource relates to	Japan, but with wider relevance
10. Does the resource relate to a specific time frame?	

11. Type	Report	
	Toolkit/Framework/Roadmap	Yes
	Sign-post to other resource (database)	Yes
	Case studies	Yes
	Other	Memorialisation and tourist route and map

12. If this is part of an initiative, what is the initiative?	

COLLECTIONS AND COLLECTIONS-BASED INSTITUTIONS		
13. Explicit links to collections	Yes	
14. Explicit links to museums/libraries/archives	Yes	
15. Types of institutions the resource covers	Museums	X
	Archives	X
	Libraries	X
	Other	X
16. Does the resource relate to specific disciplines?	Arts, humanities and social sciences: philosophy, psychology, religion, social sciences, law, politics, language, arts and recreation, architecture, literature, history,	X

	geography and ethnology, anthropology, archaeology	
	Science, natural history, technology, medicine, engineering, manufacturing	X
17. If no explicit links to collections, justification for inclusion		

HOW IT CONTRIBUTES TO SUSTAINABLE DEVELOPMENT

18. Collections-related activities the resource relates to (mark all that apply)

Develop collections to protect and safeguard wider cultural and natural heritage more effectively, for example by targeting collecting to threatened forms of heritage in strategic ways	X
Use collections to promote learning and educational opportunities that contribute to sustainable development more effectively, 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	X
Use collections to promote cultural participation/social inclusion more effectively, for example by reducing barriers to participation, to ensure no-one is 'left behind'	X
Use collections to promote sustainable tourism more effectively, for example by developing new products based on local cultural heritage, and/or considering the rights of stakeholder groups in relation to collections	X
Use collections to support research that contributes to sustainable development (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	X
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

Direct external leadership, partnerships and collaborations towards sustainable development more effectively, for example by developing impactful partnerships	X
19. Does the resource relate clearly to any international conventions (mark all that apply)?	
Culture conventions:	
1952, 71 Protection of Copyright and Neighbouring Rights	
1954 Protection of Cultural Property in the Event of Armed Conflict	
1970 Fighting Against the Illicit Trafficking of Cultural Property	
1972 Protection of the World Cultural and Natural Heritage	
2001 Protection of the Underwater Cultural Heritage	
2003 Safeguarding of the Intangible Cultural Heritage	
2005 Protection and Promotion of the Diversity of Cultural Expressions	
Rio Conventions:	
Convention on Biological Diversity (CBD), Convention to Combat Desertification (UNCCD), Framework Convention on Climate Change (UNFCCC)	X
AIMS AND CONTENT	
20. What issues does the resource aim to address?	"Because of the Great East Japan Earthquake that struck on March 11, 2011, a wide area of 500 km along North East Japan's Pacific coast suffered enormous damage. Although many precious lives and valuable properties were tragically lost, many lives were also saved. In the areas affected by the disaster, many facilities have been set up to communicate the realities of the disaster and the lessons learned from it. In recent years, large-scale natural disasters such as earthquakes and floods have occurred frequently, but there also have been many cases where people would not have lost their lives if knowledge of past disasters had been utilized. Along with maintaining infrastructure, such as levees, a society must be aware of disaster prevention. Each individual should possess awareness and take appropriate action, such as evacuating. Thus, there is a deep significance to learning at disaster memorial facilities located in areas hit by disasters. Meanwhile, disaster memorial facilities are spread over wide areas and multiple prefectures, and it is difficult to gather this information and visit them in a limited amount of time. As such, we categorize and offer information on awareness communication facilities, and we ins tall guide maps and signs and build a network, allowing people to visit the facilities efficiently and meet their objectives within the time available. As a result, a system will be built that allows

	visitors to effectively learn the lessons of the Great East Japan Earthquake, and it will be possible to increase local exchange because many people from Japan and from overseas will visit the disaster-hit areas. In this way, 3.11 Densho Road, which links these disaster memorial facilities, serves as a platform for disaster awareness communication, aiming to improve the region's disaster-prevention capabilities and to promote the areas affected by the disaster."
21. Intended audience of resource	Professionals and wider society
22. Process of development	
23. Organisation/structure/contents	**Info** **3.11 Densho Road** Disaster Memorial Facilities **Facility** Map **Tour**
FRAMEWORKS	
24. Framework structure	The resource sets out a set of characteristics of different types and functions of disaster memorial museums and other facilities, that can be considered as a framework: 1) Facilities for understanding lessons from the disaster 2) Facilities that contribute to understanding disaster prevention and preparedness 3) Facilities for understanding the horror of disasters and the fearsomeness of nature 4) Facilities with historic or academic value related to disasters 5) Other facilities that communicate the facts of the disaster and the lessons learned from it **Conditions for category selection** Category 1 Facilities to which one or more of the above apply. Category 2 Category 2 includes facilities from Category 1 that are easy for people to visit, such as those with convenient access to public transport or with a paid or free parking lot in the vicinity. Category 3

	Includes facilities from Category 2 that particularly consider visitor's ease of understanding by, for example, providing tour guides or storytelling activities.
25. Relevant policy considerations	Yes
26. Resources for implementation identified	Yes
27. Specific assessment points/indicators/milestones/action plan for monitoring	No

28. ASPECTS OF SUSTAINABILITY COVERED BY RESOURCE (mark all that apply)	
People (social sustainability)	X
Planet (environmental sustainability)	
Prosperity (economic sustainability)	X
Peace	X
Partnerships	X

29. CROSS-CUTTING CONSIDERATIONS COVERED BY RESOURCE (mark all that apply)	
Gender perspectives	
North and South perspectives	

HOW THE RESOURCE CONTRIBUTES TO AGENDA 2030 AND THE SDGs	
HOW AGENDA 2030 AND THE SDGs FEATURE IN THE RESOURCE	
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
SDGs AND SDG TARGETS AND LINKAGES	
34. Comments on SDG linkages	The resource is most closely related to SDGs around Disaster Risk Reduction, planning and inclusion, including SDGs 1.5 (reduce the vulnerability of the poor to climate and other hazards), 2.4 (food security), 3.D (preparation for health emergencies), 4.4 (staff training), 4.7 (Education for Sustainable Development), 8.9 (sustainable tourism), 9.1 (sustainable infrastructure), 9.5 (support for scientific

	research), 11.4 (protect and safeguard cultural and natural heritage), 11.5 (reduce the impact of disasters), 11.B (Implement policies for inclusion, resource efficiency and disaster risk reduction), 12.8 (information for sustainable development and lifestyles in harmony with nature), 13.1 (Strengthen resilience and adaptive capacity to climate related disasters), 13.3 (Build knowledge and capacity to meet climate change), 13.B (strengthen capacity for climate preparedness in developing countries), 16.10 (protect the right to information), 17.17 (global and local partnerships respectively).
35. SDGs and SDG targets the resource helps advance	
SDG 1: End poverty in all its forms everywhere 1.5 By 2030, build resilience of the poor and those in vulnerable situations and reduce their exposure and vulnerability to climate-related extreme events and other economic, social and environmental shocks and disasters.	Number of collecting programmes that aim to build resilience to climate-related events and other shocks and disasters, for example by forming collections that can contribute to related educational and research programmes. Number of educational programmes drawing on collections that incorporate resilience perspectives. Number of targeted programmes drawing on collections that are aimed at vulnerable groups, to build their resilience to climate-related and other shocks and disasters. Number of research programmes drawing on collections that are aimed at building resilience to climate-related and other shocks and disasters. ***Strengthen the resilience of employees, communities and suppliers by paying at a minimum the living wage and offering insurance to employees and their families, such as accident insurance; and by paying fair prices to all suppliers***
SDG 2: End hunger, achieve food security and improved nutrition and promote sustainable agriculture 2.4 By 2030, ensure sustainable food production systems to implement resilient agricultural practices that increase productivity and production, that help maintain ecosystems, that	Collections development related to sustainable food production where appropriate. Number of educational and awareness-raising programmes incorporating sustainable food production perspectives, and that aim to reduce the impact of disasters on communities. Number of targeted programmes that support those most exposed and vulnerable to disasters, whether locally or farther afield.

strengthen capacity for adaptation to climate change, extreme weather, drought, flooding and other disasters and that progressively improve land and soil quality.	Number of research activities drawing on collections that relate to resilient agricultural practices, helping mitigate and adapt to climate change, flooding and other disasters. Policies and plans in place to eliminate unsustainable food production from supply chains and in any food provision in collections-based institutions. Number of partnership activities drawing on collections that contribute to Disaster Risk Reduction plans, supporting resilient agricultural practices, and helping mitigate and adapt to climate change, flooding and other disasters.
SDG 3: Ensure healthy lives and promote well-being for all at all ages 3.D Strengthen the capacity of all countries, in particular developing countries, for early warning, risk reduction and management of national and global health risks.	Number of collecting initiatives that aim to build capacity for risk reduction to national and global health risks, for example by storing and preserving collections that may be of use in post-disaster scenarios, or that can be used in early warning and risk communication activities. Number of educational programmes incorporating perspectives on early warning, risk reduction and management of national and global health risks. Number of awareness raising programmes that target marginalized and vulnerable groups most exposed to health risks. Plans in place for early warning, risk reduction and management to national and global health risks. Relationships and partnerships in place for risk reduction and management in light of national and global health risks.
SDG 4. Ensure inclusive and equitable quality education and promote lifelong learning opportunities for all 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	Number of young people and adults in skills-development activities and programmes drawing on collections, for employment, decent jobs and entrepreneurship Increase in number of young people and adults in such programmes Number and proportion of staff who have received training in the last year, to better support their contribution to the SDGs.

	Programs and processes in place to ensure the availability of a skilled workforce.
SDG 4. Ensure inclusive and equitable quality education and promote lifelong learning opportunities for all 4.7 By 2030, ensure that all learners acquire the knowledge and skills needed to promote sustainable development, including, among others, through 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	Numbers of people in each type of programme drawing on collections from different demographic groups. Increases in numbers of people in each type of programme from different demographic groups. Proportion of people involved in such programmes in relation to overall audience size. Evidence that learners have acquired knowledge and skills to promote sustainable development.
SDG 8. Promote sustained, inclusive and sustainable economic growth, full and productive employment and decent work for all 8.9 By 2030, devise and implement policies to promote sustainable tourism that creates jobs and promotes local culture and products	Numbers of jobs created or supported that relate to sustainable tourism drawing on local products (e.g. craft producers). Develop and implement plans to reduce and remove negative impacts of tourism. Numbers of activities and/or products drawing on local culture. Value to artisans and source communities of activities and products drawing on local culture.
SDG 9. Build resilient infrastructure, promote inclusive and sustainable industrialization and foster innovation 9.1 Develop quality, reliable, sustainable and	Development of research-useful collections to support reliable, sustainable and resilient use by researchers and others. Number and proportion of collections facilities and stores that support economic development and human well-being.

resilient infrastructure, including regional and transborder infrastructure, to support economic development and human well-being, with a focus on affordable and equitable access for all	Number and proportion of collections facilities and stores that provide affordable and equitable access for all. Investment in collections facilities. Inclusion of collections information in regional and transborder initiatives, notably via digital access for discoverability.
SDG 9. Build resilient infrastructure, promote inclusive and sustainable industrialization 9.5 Enhance scientific research, upgrade the technological capabilities of industrial sectors in all countries, in particular developing countries, including, by 2030, encouraging innovation and substantially increasing the number of research and development workers per 1 million people and public and private research and development spending	Number and proportion of collections facilities that effectively support research and researchers. Number and proportion of staff who are appropriately skilled to undertake and support collections-based research. Expenditure on initiatives to enhance and upgrade collections facilities. Numbers of staff engaged in supporting and developing research use based on collections. Number of initiatives to encourage innovation drawing on collections. Increase in number of research and development workers per 1 million people. Increase in public and private research and development spending being used to develop and make use of collections.
SDG 11. Make cities and human settlements inclusive, safe, resilient and sustainable 11.4 Strengthen efforts to protect and safeguard the world's cultural and natural heritage	*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* 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. Plans, policies and procedures in place for the identification, safeguarding and protection of cultural and natural heritage at risk. 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. Number and diversity of educational, awareness-raising, research programmes, and partnerships that aim to strengthen protection of cultural and natural heritage.
SDG 11. Make cities and human settlements inclusive, safe, resilient and sustainable 11.5 By 2030, significantly reduce the number of deaths and the number of people affected and substantially decrease the direct economic losses relative to global gross domestic product caused by disasters, including water-related disasters, with a focus on protecting the poor and people in vulnerable situations	Collections-based research that supports the understanding and management of disasters of all kinds. Plans in place for public education and awareness drawing on collections and collections-based institutions to reduce exposure and vulnerability to disasters of all kinds. Plans in place to ensure collections-based institutions steadily work to reduce their contributions to disaster risk, for example by reducing pollution and waste of all kinds. Plans in place to ensure collections-based institutions, and people related to them (including workers) are protected from economic losses as a result of disasters. Plans in place to provide special support/protection to poor and vulnerable people and groups in and following disasters.
SDG 11. Make cities and human settlements inclusive, safe, resilient and sustainable 11.B By 2020, substantially increase the number of cities and human 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	***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*** Disaster Risk Reduction strategies and plans in place, in line 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.

risk management at all levels	
SDG 12 Ensure sustainable consumption and production patterns 12.8 By 2030, ensure that people everywhere have the relevant information and awareness for sustainable development and lifestyles in harmony with nature	*12.8.1 Extent to which (i) global citizenship education and (ii) education for sustainable development (including climate change education) are mainstreamed in (a) national education policies; (b) curricula; (c) teacher education; and (d) student assessment* Extent to which global citizenship education and education for sustainable development (including climate change education) are mainstreamed in formal, informal and non-formal education programmes and activities drawing on and related to collections.
SDG 13. Take urgent action to combat climate change and its impacts 13.1 Strengthen resilience and adaptive capacity to climate-related hazards and natural disasters in all countries	Plans in place for near and longer term to withstand and actively adapt to climate-related hazards and natural disasters.
SDG 13. Take urgent action to combat climate change and its impacts 13.3 Improve education, awareness-raising and human and institutional capacity on climate change mitigation, adaptation, impact reduction and early warning	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. Plans in place for effective education and awareness raising on climate change mitigation, adaptation, impact reduction and early warning. 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.
SDG 13. Take urgent action to combat climate change and its impacts 13.B Promote mechanisms for raising capacity for effective climate change-related planning and management in least developed countries and small island developing States, including focusing on women, youth and local	Number of initiatives (educational, awareness-raising, research, and/or partnerships) drawing on collections and collections-based institutions that build capacity for climate change planning and management in least developed countries and small island developing States. Number of targeted initiatives drawing on collections and collections-based institutions aimed at building capacity for women, youth and local and marginalized communities in least developed countries and small island developing States.

and marginalized communities.	
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. 16.10 Ensure public access to information and protect fundamental freedoms, in accordance with national legislation and international agreements	Adopt and implement constitutional, statutory and/or policy guarantees for public access to information. Plans in place, and plans implemented to enhance public access to information relating to collections. Plans in place, and plans implemented to support fundamental freedoms, in line with human rights, national and international agreements and legislation. Plans and procedures in place for public access to information relating to the operation and management of collections-based institutions. Complaint mechanism in place for public to use where public access to information and fundamental freedoms not supported or fulfilled.
SDG 17. Partnerships for the goals 17.17 Encourage and promote effective public, public-private and civil society partnerships, building on the experience and resourcing strategies of partnerships	*17.17.1 Amount of United States dollars committed to public-private and civil society partnerships* 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.

1	2	3	4	5	6
7	8	9	10	11	12
13	14	15	16	17	