

<b>FORMAT</b>		
1. Name of resource	<b>UNEP &amp; WTO Climate Change and Tourism: Responding to Global Challenges</b>	
2. Location	<a href="https://www.unwto.org/archive/global/news/2011-08-16/climate-change-and-tourism-responding-global-challenges">https://www.unwto.org/archive/global/news/2011-08-16/climate-change-and-tourism-responding-global-challenges</a>	
3. Alternative location	<a href="https://www.e-unwto.org/doi/epdf/10.18111/9789284412341">https://www.e-unwto.org/doi/epdf/10.18111/9789284412341</a>	
4. Author[s]	World Tourism Organisation and UN Environment Programme	
5. Publisher/producer/host	World Tourism Organisation and UN Environment Programme	
6. Year	2008	
7. Suggested citation	World Tourism Organisation and UN Environment Programme (2008). Climate Change and Tourism: Responding to Global Challenges. UNEP and WMO, available at <a href="https://www.unwto.org/archive/global/news/2011-08-16/climate-change-and-tourism-responding-global-challenges">https://www.unwto.org/archive/global/news/2011-08-16/climate-change-and-tourism-responding-global-challenges</a>	
8. Languages in which available	English	
9. Geographic area resource relates to	Global	
10. Does the resource relate to a specific time frame?		
<b>11. Type</b>	Report	X
	Toolkit/Framework/Roadmap	
	Sign-post to other resource	
	Case studies	X
	Other	
12. If this is part of an initiative, what is the initiative?		
<b>COLLECTIONS AND COLLECTIONS-BASED INSTITUTIONS</b>		
13. Explicit links to collections	No	
14. Explicit links to museums/libraries/archives	Yes	
<b>15. Types of institutions the resource covers</b>	Museums	X
	Archives	X
	Libraries	X

	<b>Other</b>	X
<b>16. Does the resource relate to specific disciplines?</b>	<b>Arts, humanities and social sciences: philosophy, psychology, religion, social sciences, law, politics, language, arts and recreation, architecture, literature, history, geography and ethnology, anthropology, archaeology</b>	X
	<b>Science, natural history, technology, medicine, engineering, manufacturing</b>	X
17. If no explicit links to collections, justification for inclusion	The resource is an overview of tourism and climate change, in terms of the impacts of climate change, and contribution of tourism to climate change, with suggested activities to reduce the impact of tourism, and adapt tourism to a changing climate.	
<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		X
<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		X
<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		
<b>Make decisions around collections that contribute to sustainable development more effectively</b>		
i. employment (recruiting, staff training, staff safety)		X
ii. energy consumption, greenhouse gas emissions,		X

	reduction, monitoring and reporting	
iii.	waste management and reduction of waste	X
iv.	transport (forms of transport, energy use)	X
v.	commercial activities including copyright and IP	
vi.	governance and management	
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		
<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	
	1970 Fighting Against the Illicit Trafficking of Cultural Property	
	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	
	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>	<b>“The report “Climate Change and Tourism: Responding to Global Challenges”, which was commissioned to a group of prominent researchers, encompasses the status of knowledge on the complex relationship between climate change and tourism. The publication notes the vulnerability of the sector to climate change and the impacts of tourism on climate itself. The report provides an excellent basis to address the global phenomenon of climate change, as well as to develop practical tools that can be used by tourism policy-makers and managers to foster the sustainable growth of the industry” [p.8]</b>	
21. Intended audience of resource	[Tourism sector and all those engaged in activities relating to tourism]	
22. Process of development	“The publication contains two distinct parts. The first, entitled “The International Debate” collects the main results of a series of events focused on climate change and tourism, which took place in the second half of 2007. The participants at the Davos International Conference (1-3 October 2007) adopted a Declaration, which represents the position of a wide spectrum of tourism stakeholders from the public and the private sector. The Davos Declaration	

	<p>acknowledges the urgency to further assess the impacts deriving from the relation between tourism and climate change and sets out directions for common actions from the tourism sector... The second part is a technical report, which analyzes in detail the relations between tourism and climate change, the impact of climate change at destinations, the adaptation options and strategies and the implications for tourism demand patterns. The report contains as well the first detailed assessment ever made of greenhouse gas emissions from tourism related activities, together with an analysis of mitigation policies and measures.” [p.12]</p>
<p>23. Organisation/structure/contents</p>	<p>Part I: The International Debate  Chapter 1: Second International Conference on Climate Change and Tourism  Chapter 2: Davos Declaration  Chapter 3: Conclusions of the Ministers' Summit in London  Chapter 4: Resolution adopted by UNWTO General Assembly  Chapter 5: Statement by Secretary-General of UNWTO at the Bali Conference</p> <p>Part II: Technical Report  Chapter 6: Executive Summary  Chapter 7: Introduction to the Technical Report  Chapter 8: Advances in Climate Change Science and Implications for the Tourism Sector  Chapter 9: Impacts and Adaptation at Tourism Destinations  Chapter 10: Implications of Climate Change for Tourism Demand Patterns  Chapter 11: Emissions from Tourism: Status and Trends  Chapter 12: Mitigation Policies and Measures  Chapter 13: The Way Forward to Adaptation and Mitigation in Tourism</p>
<p>FRAMEWORKS</p>	
<p>24. Framework structure</p>	<p>The Davos Declaration can be considered as a framework. The elements related to tourism destinations are:</p> <ul style="list-style-type: none"> <li>– Take leadership in implementing concrete measures (such as incentives) in order to mitigate climate change throughout the tourism value chain and to reduce risk to travellers, operators and infrastructure due to dynamic climate variability and shift. Establish targets and indicators to monitor progress.</li> </ul>

	<ul style="list-style-type: none"> <li>– Promote and undertake investments in energy-efficiency tourism programmes and use of renewable energy resources, with the aim of reducing the carbon footprint of the entire tourism sector.</li> <li>– Integrate tourism in the formulation and implementation of regional, national and local level adaptation and mitigation strategies and implementation plans. The Nairobi Work Programme on Impacts, Vulnerability and Adaptation to Climate Change, coordinated by UNFCCC, represents an important opportunity for the tourism sector to enhance knowledge, increase capacities and stimulate action.</li> <li>– Strive to conserve biodiversity, natural ecosystems and landscapes in ways which strengthen resilience to climate change and ensure a long-term sustainable use of the environmental resource base of tourism – in particular those that serve as ‘earth lungs’ (carbon sinks), sequestering GHGs through forest management and other biological programmes, or that protect coastlines (e.g., mangroves and coral reefs).</li> <li>– Seek to achieve increasingly carbon free environments by diminishing pollution through design, operations and market responsive mechanisms.</li> <li>– Implement climate-focused product diversification, to reposition destinations and support systems, as well as to foster all-season supply and demand.</li> <li>– Raise awareness among customers and staff on climate change impacts and engage them in response processes</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)	X
Prosperity (economic sustainability)	X
Peace	X
Partnerships	X
<b>29. CROSS-CUTTING CONSIDERATIONS COVERED BY RESOURCE (mark all that apply)</b>	
Gender perspectives	
North and South	X

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	<p>The resource supports a number of SDG targets.</p> <p>Adopting sustainable/responsible tourism supports SDG 8.9 (sustainable tourism), 11.7 (safe, inclusive and welcoming public and green spaces), 11.B (Disaster Risk Reduction) and 12.6 (adopt sustainable practices and reporting) and 12.7 (sustainable procurement). Increasing economic benefits to small island developing states (SIDS) from tourism supports SDG 14.7. Protecting and safeguarding cultural and natural heritage support SDGs 11.4, 14.2 (protect and sustainably use marine and coastal environments) and 15.1-5. Staff skills and public programmes for climate awareness and action supports SDGs 4.4 (staff skills), 4.7 (Education for Sustainable Development), 12.8 (lifestyles in harmony with nature) and 13.3 (climate awareness and education). Policies that support sustainable development supports SDG 16.B (policies for sustainable development). Reducing wastes and pollution supports a number of targets in SDG 12 (Responsible consumption and production, e.g. 12.2 on use of natural resources and 12.5 on waste prevention), and 14.1 (reduce marine litter). International and multistakeholder partnerships supports SDGs 17.16 and 17.17 respectively.</p>
<b>35. SDGs and SDG targets the resource helps advance</b>	
<b>SDG 4. Ensure inclusive and equitable quality education and promote lifelong learning opportunities for all</b> 4.4 By 2030, substantially increase the number of	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

<p>youth and adults who have relevant skills, including technical and vocational skills, for employment, decent jobs and entrepreneurship</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 4. Ensure inclusive and equitable quality education and promote lifelong learning opportunities for all</b> 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</p>	<p>Numbers of people in each type of programme drawing on collections from different demographic groups.</p> <p>Increases in numbers of people in each type of programme from different demographic groups.</p> <p>Proportion of people involved in such programmes in relation to overall audience size.</p> <p>Evidence that learners have acquired knowledge and skills to promote sustainable development.</p>
<p><b>SDG 8. Promote sustained, inclusive and sustainable economic growth, full and productive employment and decent work for all</b> 8.9 By 2030, devise and implement policies to promote sustainable tourism that creates jobs and promotes local culture and products</p>	<p>Numbers of jobs created or supported that relate to sustainable tourism drawing on local products (e.g. craft producers).</p> <p>Develop and implement plans to reduce and remove negative impacts of tourism.</p> <p>Numbers of activities and/or products drawing on local culture.</p> <p>Value to artisans and source communities of activities and products drawing on local culture.</p>
<p><b>SDG 11. Make cities and human settlements</b></p>	<p><b>11.4.1 Total expenditure (public and private) per capita</b></p>

<p><b>inclusive, safe, resilient and sustainable</b> 11.4 Strengthen efforts to protect and safeguard the world's cultural and natural heritage</p>	<p><b><i>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> 11.7 By 2030, provide universal access to safe, inclusive and accessible, green and public spaces, in particular for women and children, older persons and persons with disabilities</p>	<p>Numbers of people accessing collecting institutions from different demographic groups, notably women, children, older people and persons with disabilities.</p> <p>Increases in numbers of people accessing collecting institutions from different demographic groups.</p> <p>Measures taken to remove barriers to access green and public spaces.</p> <p>Extent of green space provided by collections institutions.</p>
<p><b>SDG 11. Make cities and human settlements inclusive, safe, resilient and sustainable</b> 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</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 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>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><b>SDG 12 Ensure sustainable consumption and production patterns</b> SDG 12.2 By 2030, achieve the sustainable management and efficient use of natural resources</p>	<p>Reduction of material footprint in terms of reductions in consumption of biomass, fossil fuels, metal ores and non-metal ores.</p>
<p><b>SDG 12 Ensure sustainable consumption and production patterns</b> 12.5 By 2030, substantially reduce waste generation through prevention, reduction, recycling and reuse</p>	<p>Quantity and reductions in quantity of waste of all kinds, including avoidance/prevention of waste production, reuse, and recycling. Quantity of material recycled in comparison with quantity sent to landfill. Increases in recycling rate in comparison with landfill.</p>
<p><b>SDG 12 Ensure sustainable consumption and production patterns</b> 12.6 Encourage companies, especially large and transnational companies, to adopt sustainable practices and to integrate sustainability information into their reporting cycle</p>	<p>Clear visions, strategies and plans in place for all aspects of sustainability – environmental, social and economic (people, planet, prosperity)- across all areas of activity.</p> <p>Visions, strategies and plans relating to sustainability to be publicly available and incorporated into planning documents.</p> <p>Commitments to be in line with local, regional, national and/or international targets and ambitions.</p> <p>Incorporation of sustainability into reporting for funders and other stakeholders, including the public. Reporting to include commitments and progress towards targets.</p>
<p><b>SDG 12 Ensure sustainable consumption and production patterns</b> 12.7 Promote public procurement practices that are sustainable, in accordance with national policies and priorities</p>	<p>Incorporation of sustainability considerations into procurement, in terms of advertisement and invitation to tender, contracts, and selection criteria for suppliers.</p>

<p><b>SDG 12 Ensure sustainable consumption and production patterns</b> 12.8 By 2030, ensure that people everywhere have the relevant information and awareness for sustainable development and lifestyles in harmony with nature</p>	<p><b><i>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</i></b></p> <p>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.</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 14 Conserve and sustainably use the oceans, seas and marine resources for sustainable development</b> 14.1 By 2025, prevent and significantly reduce marine pollution of all kinds, in particular from land-based activities, including marine debris and nutrient pollution</p>	<p>Number of collections-related programmes, for example research and education, that aim to reduce marine pollution.</p> <p>Quantity, and reduction, of waste of all sorts, with plans in place to eliminate waste of all sorts as soon as possible.</p> <p>Quantity, and reduction, of plastic waste, with plans in place to eliminate the production and release of plastic waste as soon as possible.</p>
<p><b>SDG 14 Conserve and sustainably use the oceans, seas and marine resources for sustainable development</b> 14.2 By 2020, sustainably</p>	<p>Proportion of marine and coastal areas in a good ecological condition</p> <p>Numbers of educational and awareness-raising programmes, research activities, and partnerships drawing</p>

<p>manage and protect marine and coastal ecosystems to avoid significant adverse impacts, including by strengthening their resilience, and take action for their restoration in order to achieve healthy and productive oceans</p>	<p>on collections aiming to support protection of marine and coastal areas.</p>
<p><b>SDG 14 Conserve and sustainably use the oceans, seas and marine resources for sustainable development</b> 14.7 By 2030, increase the economic benefits to Small Island developing States and least developed countries from the sustainable use of marine resources, including through sustainable management of fisheries, aquaculture and tourism</p>	<p>Number of activities that support sustainable tourism relating to Small Island developing States and least developed countries.</p> <p>Economic benefits by value to Small Island Developing States and least developed countries.</p>
<p><b>SDG 15 Protect, restore and promote sustainable use of terrestrial ecosystems, sustainably manage forests, combat desertification, and halt and reverse land degradation and halt biodiversity loss</b> 15.1 By 2020, ensure the conservation, restoration and sustainable use of terrestrial and inland freshwater ecosystems and their services, in particular forests, wetlands, mountains and drylands, in line with obligations under international agreements</p>	<p>Proportion of terrestrial and inland freshwater systems in a good ecological condition.</p> <p>Information on, programmes relating to, collections development, and partnerships relating to terrestrial and freshwater systems drawing on collections in place, to support their protection and effective functioning.</p>
<p><b>SDG 15 Protect, restore and promote sustainable use of terrestrial</b></p>	<p>Proportion of forests in a good ecological condition.</p>

<p><b>ecosystems, sustainably manage forests, combat desertification, and halt and reverse land degradation and halt biodiversity loss</b></p> <p>15.2 By 2020, promote the implementation of sustainable management of all types of forests, halt deforestation, restore degraded forests and substantially increase afforestation and reforestation globally</p>	<p>Information on, programmes relating to, collections development, and partnerships relating to forests drawing on collections in place, to support their protection and effective functioning.</p>
<p><b>SDG 15 Protect, restore and promote sustainable use of terrestrial ecosystems, sustainably manage forests, combat desertification, and halt and reverse land degradation and halt biodiversity loss</b></p> <p>15.3 By 2030, combat desertification, restore degraded land and soil, including land affected by desertification, drought and floods, and strive to achieve a land degradation-neutral world</p>	<p>Proportion of soils and land area in a good ecological condition, with reference to desertification, drought and floods.</p> <p>Information on, programmes relating to, collections development, and partnerships relating to soils and land use (with reference to desertification, drought and floods) drawing on collections in place, to support their protection and effective functioning.</p>
<p><b>SDG 15 Protect, restore and promote sustainable use of terrestrial ecosystems, sustainably manage forests, combat desertification, and halt and reverse land degradation and halt biodiversity loss</b></p> <p>15.4 By 2030, ensure the conservation of mountain ecosystems, including their biodiversity, in order to enhance their capacity to provide benefits that are</p>	<p>Proportion of mountain ecosystems, including their biodiversity, in a good ecological condition.</p> <p>Information on, programmes relating to, collections development, and partnerships relating to mountain ecosystems and their biodiversity drawing on collections in place, to support their protection and effective functioning.</p>

<p>essential for sustainable development</p>	
<p><b>SDG 15 Protect, restore and promote sustainable use of terrestrial ecosystems, sustainably manage forests, combat desertification, and halt and reverse land degradation and halt biodiversity loss</b> 15.5 Take urgent and significant action to reduce the degradation of natural habitats, halt the loss of biodiversity and, by 2020, protect and prevent the extinction of threatened species</p>	<p>Number and proportion of habitats, notably endangered habitats, and species with favourable conservation status, with special reference to locally, nationally and globally endangered species.</p> <p>Information on, programmes relating to, collections development, and partnerships relating to habitats and species drawing on collections in place, to support their protection and continued existence.</p> <p>Measures taken to enhance biodiversity value of green space associated with collections institutions.</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.B Promote and enforce non-discriminatory laws and policies for sustainable development</p>	<p><b><i>16.B.1 Proportion of population [audience/users/non-users] reporting having personally felt discriminated against or harassed in the previous 12 months on the basis of a ground of discrimination prohibited under international human rights law</i></b></p> <p>Number and proportion of policies that incorporate sustainable development considerations, in the full sense of recognizing all three of social, economic and environmental considerations.</p>
<p><b>SDG 17. Partnerships for the goals</b> 17.16 Enhance the global 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>Number and/or increase in number, and diversity of global and international multi-stakeholder partnerships that share 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>

<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		<b>17.17.1 Amount of United States dollars committed to public-private and civil society partnerships</b>  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	