

**STEERING COMMITTEE FOR CULTURE, HERITAGE
AND LANDSCAPE (CDCPP)**
Conseil de L'Europe
12 June 2019

Thematic session on climate change and sustainable development as related to human rights and democracy, and specifically, culture, heritage and landscape resources

Mobilizing Cultural Heritage for Climate Action
Andrew Potts, ICOMOS



le Groupe de travail de l'ICOMOS sur le changement climatique et le patrimoine



Andrew Potts, Coordinator
@AndrewSPotts @ICOMOS
#ClimateHeritage #ActOnClimateNow




Urgency



- While effects of 1.5° C are bad, 2° is significantly worse.
- Limiting Global Warming to 1.5° C requires *rapid and far-reaching* transitions in the way we use land, energy, industry, buildings, transport, and cities.
- Global net Anthropogenic emissions of Carbon dioxide (CO²) need to fall by about 45 percent from 2010 levels by 2030.
- Net Zero Emissions by around 2050

Climate Action is Heritage Conservation



"...climate change has become one of the **most significant** and fastest growing threats to **people and their heritage** worldwide." ICOMOS, Delhi 2017

"evidence of climate impacts across World Heritage properties confirm that **urgent and rapid action** to reduce global warming is essential and the highest degree of ambition and leadership by all countries is needed to secure the full implementation of the Paris Agreement." -UNESCO World Heritage Committee, Krakow 2017

"...climate change is the **fastest growing threat** to world heritage" – Union of Concerned Scientists

Heritage: Impacted by Climate Change but also Climate Change Solution

Resolution 19GA 2017/30 – Mobilizing ICOMOS and the cultural heritage community to help meet the challenge of climate change

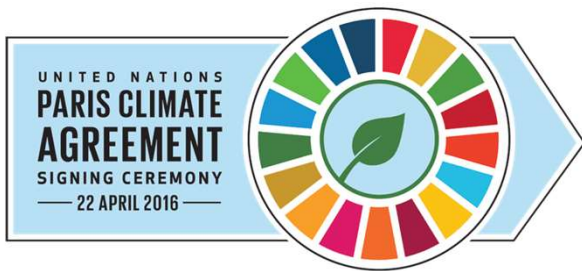
The 19th General Assembly of ICOMOS,

Emphasizes

- i that cultural heritage is both impacted by climate change and a source of resilience for communities;
- ii that heritage sites as well as local communities' intangible heritage, knowledge and practices constitute an invaluable repository of information and strategies to address climate change, even while those resources are themselves at risk from climate impacts;
- iii the value of cultural heritage-based solutions to climate change mitigation and adaptation;

Correlating Culture Heritage to Climate Action

What's In the Paris Agreement?:



- **High Ambition:** Mobilize people to pursue efforts to limit global warming to 1.5C.
- **Carbon Mitigation & Net Zero:** Mitigation of greenhouse-gas emissions; peak emissions as soon as possible and by 2050, all anthropogenic emissions balanced with sinks.
- **Adaptation:** Enhance adaptive capacity, strengthen resilience, reduce vulnerability via participatory approach guided by science and traditional, indigenous and local knowledge.
- **Loss & Damage:** What impacts can't be avoided? How do we prepare for this; assess and manage risk; measure and insure against losses, including "non-economic losses"

Catalyzing Ambition



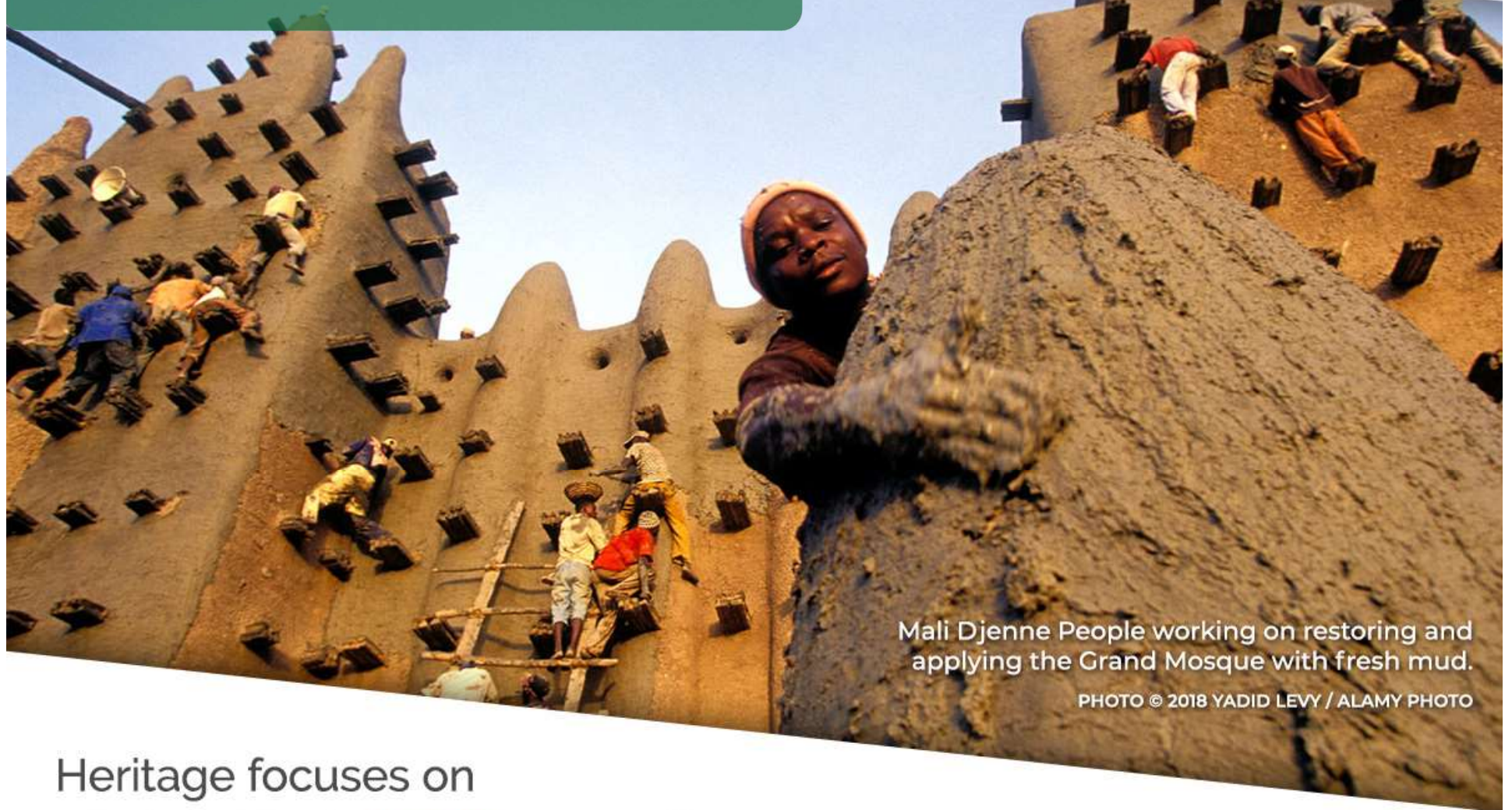
The Statue of Liberty stands beyond parts of a brick walkway damaged in Superstorm Sandy.

PHOTO © 2018 THE ASSOCIATED PRESS (AP PHOTO/RICHARD DREW, FILE)

Every heritage **place**
has a **climate story** to tell.

#ClimateHeritage
climateheritage.org

Climate Adaptation



Mali Djenne People working on restoring and applying the Grand Mosque with fresh mud.

PHOTO © 2018 YADID LEVY / ALAMY PHOTO

Heritage focuses on what residents **value**, promoting a **people-centered** approach to community **resilience**.

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Carbon Mitigation



PHOTO © RUTH KNIGHT, BRIGHTON (VIA CLIMATE VISUALS PROJECT)

Valuing **older neighborhoods** and **historic buildings** puts communities on the road to **Net Zero**.

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Loss and Damage



Gloria, 6, at Newtok village cemetery (Alaska).
Once suitable for building houses, the melting of the permafrost
means the swampy ground is no longer good for housing.

PHOTO © 2018 (VLAD SOKHIN / PANOS)

Heritage is helping
communities plan for loss from
climate impacts with a uniquely
inter-generational perspective.

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Cultural Heritage in the global Sustainable Development conversation



**Sendai Framework
for Disaster Risk
Reduction
2015-2030
March, 2015**



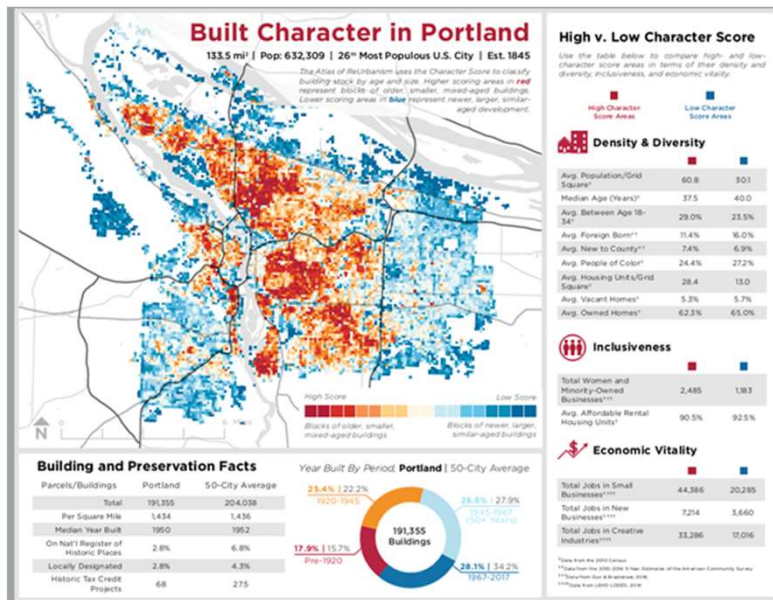
**Habitat III
New Urban
Agenda
October, 2016**



**UN Sustainable
Development
Goals ("SDGs")
Sept, 2015**

Agenda 2030

Climate-resilient Development Pathways (CRDPs)

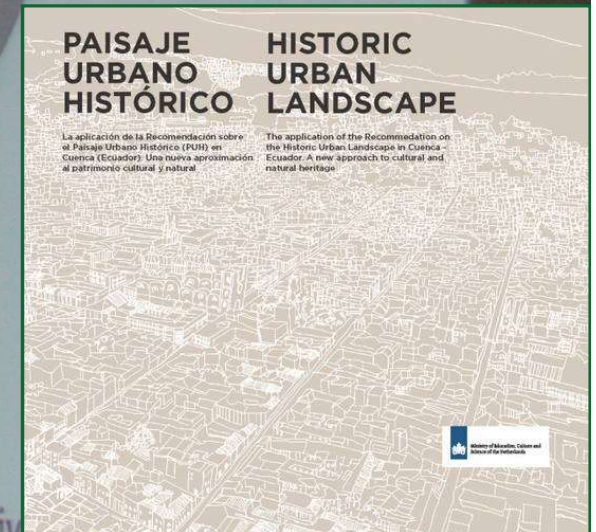


US National Trust for Historic Preservation
Atlas of Reurbanism, using big data to target
Existing older and historic buildings for reuse



Using Culture as an Emplacement Strategy
Jordan's Za'atari Refugee Camp, Jordan
Photo: Rosie Thompson/Save the Children

Landscape Approaches Key to Making culture heritage practice fit for purpose to deliver CRDPs

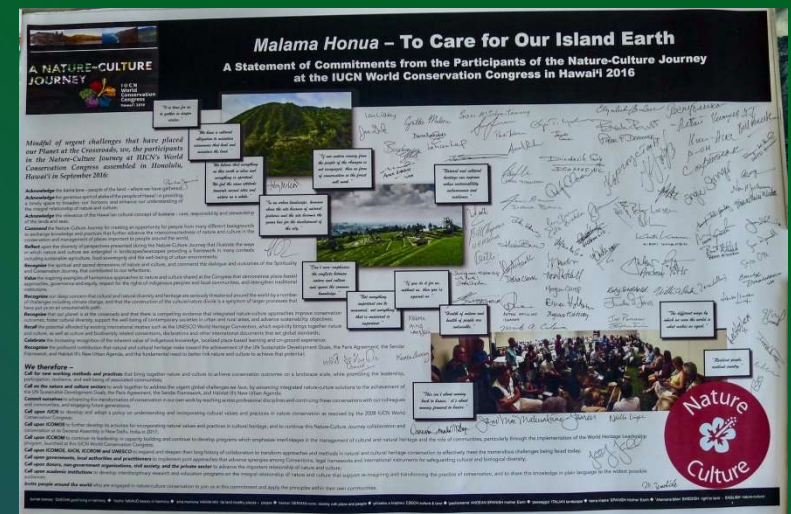


Integrated Nature Culture Solutions

**Mālama Honua –
-E mālama i neia moku Honua
-to care for our island Earth**

A Statement of Commitments from the Nature-Culture Journey Participants at the IUCN World Conservation Congress, Hawai'i 2016.

"cultural and natural diversity and heritage are seriously threatened around the world by a number of challenges including climate change, and that the construction of the culture/nature divide is a symptom of larger processes that have put us on an unsustainable path"



Human Rights and Democracy

**‘THE IMPACT OF CLIMATE CHANGE
ON CULTURAL HERITAGE IS AN
URGENT HUMAN RIGHTS
QUESTION’**

PROF. KARIMA BENNOUNE



Climate Heritage
N E T W O R K

Human Rights Approach to Climate Change

“The application of a human rights approach in preventing and responding to the effects of climate change serves to empower individuals and groups, who should be perceived as active agents of change and not as passive victims.”
Office of the High Commissioner for Human Rights, 2009 (A/HRC/10/61, para. 90)

- Right to take part in cultural life guaranteed by Universal Declaration of Human Rights, Art. 27, and International Covenant on Civil and Political Rights, Article 15
- Take into account the rights of individuals and groups in relation to cultural heritage
- Attention paid to cultural rights defenders
- Emphasis on consultation, participation and equality
- Emphasis on prevention and accountability

Human Rights and Democracy



Integrating Heritage Science and Climate Science: Engaging the IPCC



IPCC Fifth Assessment Report Synthesis Report

2nd November 2014
Copenhagen

IPCC AR5 Synthesis Report

ipcc
INTERGOVERNMENTAL PANEL ON climate change

Evaluation of costs and limitations



- Ambitious mitigation is affordable and translates into delayed but not foregone growth (entails losses in global consumption of median value 1.7 % in 2030)
- Estimated costs of mitigation do not account for the benefits of reduced climate change
- Many impacts, such as loss of human lives, cultural heritage, and ecosystem services, are difficult to value and monetize, and thus they are poorly reflected in estimates of losses

IPCC AR5 Synthesis Report

AR5 WGIII SPM, IPCC SREX

ipcc
INTERGOVERNMENTAL PANEL ON climate change



ICOMOS

Climate Heritage Mobilization

GLOBAL
CLIMATE
ACTION SUMMIT

Endorsing Organizations

ICOMOS
international council on monuments and sites

ICLEI
Local
Governments
for Sustainability

ISOCARP
Knowledge for Better Cities

Coalition of Museums for Climate Justice

ZNCC
ZERO NET CARBON COLLABORATION
FOR EXISTING & HISTORIC BUILDINGS

SAA
SOCIETY FOR AMERICAN ARCHAEOLOGY

INTO
INTERNATIONAL
NATIONAL TRUSTS
ORGANISATION

MANCHESTER MUSEUM

ORGANIZATION OF
WORLD HERITAGE CITIES

uia

WORLD MONUMENTS
FUND

IFLA
INTERNATIONAL FEDERATION
OF LANDSCAPE ARCHITECTS

culture 21
UCLG Committee
Commission de CGLU
Comisión de CGLU

CARBON
SMART
BUILDING

WORLD COUNCIL OF
INDIGENOUS PEOPLES

APF
INTERNATIONAL

MARYLAND
HISTORICAL
TRUST

AMERICAN
ANTHROPOLOGICAL
ASSOCIATION
Advancing Knowledge, Solving Human Problems

CLIMATE
outreach

CYARK

National Trust for
Historic Preservation

SUSTAINABLE
MUSEUMS

APA

FLORIDA PUBLIC
ARCHAEOLOGY NETWORK
A PROGRAM OF THE UNIVERSITY OF WEST FLORIDA

AIC
AMERICAN
INSTITUTE FOR
CONSERVATION
OF HISTORIC
ARTISTIC WORKS

SIA
SOCIETY for
HISTORICAL
ARCHAEOLOGY

ARCHAEOLOGICAL
RESEARCH
FACILITY

THE
CLIMATE
MUSEUM

11 SUSTAINABLE CITIES
AND COMMUNITIES
HERITAGE
SUPPORTS THE
GLOBAL GOALS!
CULTURAL AND NATURAL HERITAGE
IS THE CRUCIAL LINK TO A
SUSTAINABLE FUTURE

OPEN
CONTEXT
DINAA

center for
Climate
Change
Impacts and
Adaptation
at Scripps Institution of Oceanography
UC San Diego

UC San Diego
DEPARTMENT OF
ANTHROPOLOGY

Organizing for Climate Action



www.climateheritage.org

Thank you!



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