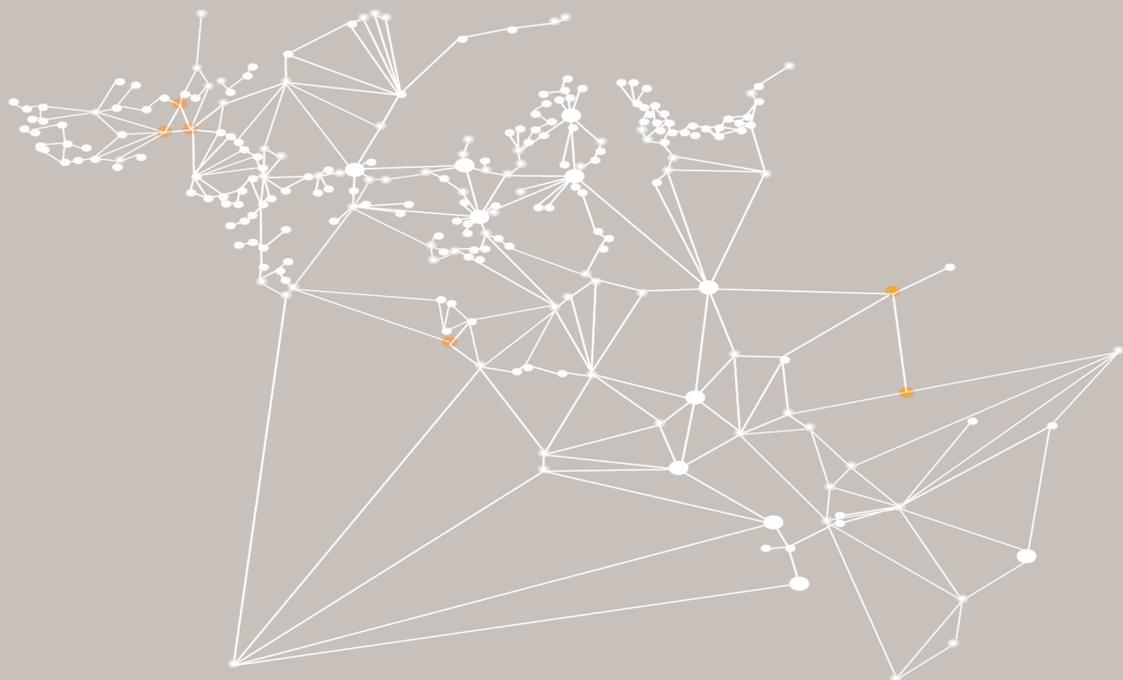




The Next **50** 

17 August 2022

14:00-16:00 Beijing time (6:00-8:00 UTC)



WHITRAP SHANGHAI 2022 WORLD HERITAGE DIALOGUES

**Session 3 World Heritage and the Digital Revolution
New Technologies supporting the “5Cs” Strategic
Objectives for World Heritage**

English



Chinese





Adoption of the 1972 World Heritage Convention in Room 1, UNESCO, Paris France

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WHITRAP Shanghai World Heritage Dialogues for the 50th anniversary of the World Heritage Convention

*The Next 50:
World Heritage as a source of resilience, humanity and innovation*

**World Heritage and the Digital Revolution
New technologies supporting the “5Cs”
Strategic Objectives for World Heritage**



CONTENT

| | |
|---------------------------|----|
| Introduction | 05 |
| Presentation | 09 |
| Programme | 13 |
| Participants | 15 |
| World Heritage Convention | 23 |

INTRODUCTION

WHITRAP Shanghai World Heritage Dialogues for the 50th Anniversary of the World Heritage Convention

The Next 50: World Heritage as a source of resilience, humanity and innovation

From June to November 2022, WHITRAP Shanghai will organize a series of 6 monthly online World Heritage Dialogues including a WHITRAP Herit-AP Chat, in July, hosted by the College of Architecture and Urban Planning (CAUP) Tongji University (Shanghai, China) to celebrate the 50th Anniversary of the *Convention Concerning the Protection of the World Cultural and Natural Heritage*, which was adopted on 16th November 1972 by the General Conference of UNESCO.

Sharing challenging and successful examples to manage World Heritage is at the heart of WHITRAP's mandate as a UNESCO Category 2 Centre for the Asia and Pacific Region.

These Dialogues are part of CAUP Tongji University and WHITRAP's activities to commemorate the 50th anniversary of the *World Heritage Convention* as well as the 40th anniversary of China's Famous Historical and Cultural City List and the 70th anniversary of CAUP Tongji University, and the Tongji Planning Centennial. The commemoration activities also include an online international conference "World Heritage and Urban-Rural Sustainable Development: Resilience and Innovation" (15-16 November 2022) and an offline and online public exhibition "World Heritage Cities: Past, Present and Future" (16 to 30 November 2022). The outcomes of the World Heritage Dialogues will be presented at the international conference, and all the Dialogues are included in the CAUP Tongji University lectures program and WHITRAP's training activities.

The WHITRAP Shanghai World Heritage Dialogues will look at the *Convention's* past successes and challenges as well as achievements and challenges to come. It will contribute to imagining the *Next 50: World Heritage as a source of resilience, humanity and innovation*.

The Dialogues are knowledge sharing roundtable discussions aiming to showcase and discuss the conservation and management of World Heritage sites, the strength and relevance of the *Convention* and the ways to achieve a better linkage between conservation and

development as well as promoting Asia and Pacific experiences. Each Dialogue will address a specific theme and invite members of the World Heritage Community from the Asia Pacific Region as well as other Regions of the World to compare approaches and lessons learned.

Themes

- World Heritage and Quality of Life
- Rural Heritage
- Digital Tools for Heritage
- Climate Change and Resilience
- Large Scale World Heritage Properties
- Culture Nature

With 194 State Parties, the *Convention* is the most internationally ratified UNESCO instrument and since its adoption, World Heritage has become one of UNESCO's flagships. Today, 1154 properties in 164 countries are inscribed on the World Heritage List. The Asia Pacific Region counts 24% of sites inscribed on the List, with 277 properties, 95 Cultural, 75 Natural and 12 Mixed, spreading from Central Asia to the Pacific islands. They represent a great variety of types of heritage, behold many different custodians and provide a vast diversity of ingenious management mechanism to protect the Outstanding Universal Value (OUV) of each property.

The online Dialogues will be in English with simultaneous interpretation in Chinese. Video recordings of the Dialogue and a brief synthesis will be published online on the WHITRAP website.

Calendar

1. Saturday 11 June

Theme: World Heritage and Quality of Life

Time: 15:00-17:30 Beijing time (7:00-9:30 UTC)

2. Wednesday 27 July

Theme: Rural Heritage

Time: 14.00-16:00 Beijing time (6:00-8:00 UTC)

3. Wednesday 17 August

Theme: Digital Tools for Heritage

Time: 14.00-16:00 Beijing time (6:00-8:00 UTC)

4. Wednesday 14 September

Theme: Climate Change and Resilience

Time: 14.00-16:00 Beijing time (6:00-8:00 UTC)

5. Wednesday 12 October

Theme: Large Scale World Heritage Properties

Time: 14.00-16:00 Beijing time (6:00-8:00 UTC)

6. Wednesday 2 November

Theme: Culture Nature

Time: 14.00-16:00 Beijing time (6:00-8:00 UTC)

PRESENTATION



World Heritage and the Digital Revolution

New technologies supporting the “5Cs” Strategic Objectives for World Heritage

New technologies, in particular digital tools, have become an integral part of our lives and the COVID 19 pandemic has made our world increasingly digital. **The 3rd WHITRAP Shanghai World Heritage Dialogue** will explore how the new can help enhance the old through **examples and case studies** from the **Asia and Pacific Region**.

Digital tools can help in documenting heritage, by revealing unknown values, recording less well-documented heritage or help update knowledge. Digital tools can facilitate monitoring and reporting on the state of conservation and evolution of natural and cultural heritage, be it at small or large scale as well as in different types of extreme environments. Digital tools also play an increasingly important role as means for providing interpretation of World Heritage sites to the public on site, at home or in the classroom. This was particularly demonstrated during the COVID 19 pandemic. Social media have a growing role, they allow sharing information on heritage to the public as well as allowing people to share information on heritage to further promote it or alert on threats.

Digital tools as discussed above benefits World Heritage properties by improving knowledge, monitoring and interpretation. Heritage can also benefit people, when new infrastructures are developed for allowing better access to sites for example, bringing or upgrading telecommunications for example. Developing new digital tools, applications, software, new uses can become sources of economic development. Digital tools create and ensure the distribution of data, information, and knowledge, which constitute valuable sources. These sources have as much heritage values as ancient stick charts of the Marshall Islands or the Chinese Mawangdui Silk Texts for example. In this regard, World Heritage contributes to creating its own digital heritage. It is as fragile as archaeological artefacts or ancient manuscripts, not because of the impact of time on their physical structure, but because of the impact of the unprecedented speed of change on their virtual and evanescent nature. Due to their rapidly ever-evolving nature, digital material requires to be stored and archived at the same pace of change.

Beforehand however, its values need to be acknowledged.

The Dialogue aims to encourage peer-to-peer discussions on the best approach to adopting digital technologies as well as exploring how they can have a positive impact on World Heritage and allow World Heritage to improve our quality of life. More specifically, based on their experience, participants to the Dialogue are invited to share their thoughts on how **new technologies** can best support **the “5Cs” Strategic Objectives for World Heritage (Credibility, Conservation, Capacity Building, Communication, Communities)** for the implementation of the **World Heritage Convention** as defined in the **Budapest Declaration** in 2002 and updated in 2007¹. Through specific examples or by presenting a range of issues, participants will provide a snapshot of what has been done in the past decades and what could or should be done in the future. They will contribute to imagining the **Next 50: World Heritage as a source of resilience, humanity, and innovation**. How can we, as expressed by the World Heritage Centre, **Imagine Heritage in the Digital Dimension** as a means to promote the **5C’s** in a positive integrated manner, benefiting all types of people without leaving anyone behind or falling into a delusional spatial and time warp disconnected from the tangible and intangible values of heritage itself.

The outcomes of the Dialogue will be shared in the international conference **“World Heritage and Urban-Rural Sustainable Development: Resilience and Innovation”, 15-16 November 2022**, organized by the College of Architecture and Urban Planning (CAUP) Tongji University (Shanghai, China) and WHITRAP.

The “5Cs” Strategic Objectives for World Heritage

One of the key features of the **World Heritage Convention** is linking the protection of both tangible natural and cultural heritage. It also focuses on the identification of heritage in a changing world and on the importance of safeguarding it as well as defining the role and function of heritage in communities’ lives. The **Convention** addresses the constantly changing issues of the contemporary world, reaffirming its importance in promoting culture and heritage as a key resource within development processes and a means of improving the quality of our lives as advocated by key international agendas like the **United Nations 2030 Agenda for Sustainable Development**, adopted in

2015. The implementation of the **Convention** is in itself dynamic, bridging the skills and ingenuity of traditional know-hows and new technologies.

In 2002 on the occasion of the 30th Anniversary of the **World Heritage Convention**, the World Heritage Committee adopted the **Budapest Declaration** defining the “4Cs” Strategic Objectives for World Heritage to address the increasing challenges. The fifth C for “Communities” was then added to the objectives in 2007². The “5Cs” Strategic Objectives seek to promote the following objectives:

- a)** strengthen **the Credibility of the World Heritage List**, as a representative and geographically balanced testimony of cultural and natural properties of outstanding universal value;
- b)** ensure the effective **Conservation of World Heritage properties**;
- c)** promote the development of effective **Capacity-building measures**, including assistance for preparing the nomination of properties to the World Heritage List, for the understanding and implementation of the World Heritage Convention and related instruments;
- d)** increase **public awareness, involvement and support for World Heritage through Communication**;
- e)** enhance **the role of Communities** in the implementation of the **World Heritage Convention**.

Language The online Dialogues will be in English with simultaneous interpretation in Chinese. Video recordings of the Dialogue and a brief synthesis will be published online on the **WHITRAP website**.

PROGRAMME

■ ¹ <https://whc.unesco.org/en/decisions/1217/>

■ ² <https://whc.unesco.org/en/decisions/5197/>

World Heritage and the Digital Revolution

New technologies supporting the “5Cs” Strategic Objectives for World Heritage

Wednesday 17 August 2022

Online 14:00-16:30 Beijing time (06:00-08:00 UTC)

14:00-14:15 Introduction

Marie-Noël TOURNOUX, Project Director, WHITRAP Shanghai

14:15-14:30 World Heritage and the Digital Revolution

Prof. YANG Chen, CAUP Tongji University

14:30-15:05 Pecha Kucha

- Prof. CHEN Fulong, Deputy Director HIST(UNESCO Category 2 Centre), Beijing, China
- Febriyanti SURAYANINGISH, Director of the Pusat Dokumentasi Arsitektur, Jakarta, Indonesia
- Associate Prof. HAN Jie, School of Architecture and Civil Engineering, Xiamen University, Xiamen, China
- Mayura GADKARI, Urban Development Practitioner, National Institute of Urban Affairs, New Delhi, India (confirmed either her or someone from her institute).
- Tina PATERNO, President ICOMOS Philippines, Philippines

15:05-15:50 Round Table Discussion

Moderator: Prof. YANG Chen, CAUP Tongji University

Prof. CHEN Fulong, Febriyanti SURAYANINGISH, Associate Prof. HAN Jie, Mayura GADKARI, Tina PATERNO

15:50-16:00 Wrap up

Marie-Noël TOURNOUX, Project Director, WHITRAP Shanghai

PARTICIPANTS

Prof. CHEN Fulong

Deputy Director HIST (UNESCO Category 2 Centre)



Prof. CHEN Fulong is a Professor of the International Research Center of Big Data for Sustainable Development Goals (CBAS). He serves as the Deputy Director of International Center on Space Technologies for Natural and Cultural Heritage under the Auspices of UNESCO (HIST), the editorial board member of "Remote Sensing" and "Heritage". He received the B.E. degree in surveying and mapping engineering from Wuhan University, Wuhan, China, in 2003, and the Ph.D. degree in cartography and geographical information system from Graduate University of Chinese Academy of Sciences, Beijing, China, in 2008. He successively worked as a post-doc research fellow and research associate at the Institute of Space and Earth Information Science, The Chinese University of Hong Kong in 2008-2012. He was selected as the 100-Talents Program of Chinese Academy of Sciences. At present, he is a professor and doctoral supervisor of the Aerospace Information Research Institute, Chinese Academy of Sciences. His current research interests include remote sensing for achieving SDGs, interferometric SAR for geohazards and cultural applications, and intelligent remote sensing data processing and modeling, which are the areas where he has more than 100 academic papers and been the PI for more than 10 national and provincial sponsored projects in recent five years.

Febriyanti SURAYANINGISH

Executive director of the Pusat Dokumentasi
Arsitektur Indonesia - PDAI



Febriyanti SURAYANINGISH, B.Arch., graduated from the Tarumanagara University, Jakarta in 1994, majoring architecture. Currently works as the executive director of the Pusat Dokumentasi Arsitektur Indonesia - PDAI (Center for Indonesian Architecture Documentation), which was founded in 2002 (<http://pda.or.id/web/index.php>). She is actively involved in various projects to preserve buildings and cultural heritage areas in Indonesia. In 2007 produced documentary film "Tension-Span: 100 hundred years architectural perspective in Indonesia". As an assistant to the conservation architect Han Awal Dipl. Ing., she was involved in several conservation projects in Jakarta such the Museum of Bank Indonesia at Kotatua (2006-2007), and the Immanuel Church at Gambir (2011-2012). As the curator team, she curated several exhibitions, such "Kotatua: Our Common Ground" (2016) and Segar Bugar: The Story of Conservation in Jakarta 1920-present (2019). Together with the team, published book, "Introduction to Conservation Guidelines for Historical Buildings in the Colonial Period" (2010), and Information Kit: Caring for Your Heritage Building (2014). Through PDAI, she has been active in conducting several studies, trainings and heritage clinic on the preservation of heritage buildings and sites in Indonesia, as well as assisting communities in Kotatua, Lasem, and Tanjungpinang. Under the program of UNESCO Jakarta actively works in Kotatua for series of Capacity Training in 2014-2016, and 2018-now runs the program: Creative Youth at Indonesian Heritage Site. <http://www.pda.or.id/web/index.php>

Founded in 2002, Pusat Dokumentasi Arsitektur Indonesia - PDAI (Center for Indonesian Architecture Documentation) is non-governmental institution, committed to collect and serving the public with good information through documentation, inventory, publication and research on various issues regarding the architecture, heritage building, city and sites of Indonesia. In addition, PDA also conducts trainings and assistance for students and communities in different directions in order to have the concern and understanding of heritage. Our motto is: "The key elements should be known and respected. Let's start with a good record. "

HAN Jie

Associate Professor
School of Architecture and Civil Engineering
Xiamen University.



HAN Jie is an associate professor in the Department of Architecture, Xiamen University. Currently she is as a member of UIA Working Program for 'Social Habitat'. She is a member of 'Vernacular Architecture' Committee of Architectural Society of China (ASC), and also a member of 'Communication and Exchange' Committee of ASC. Her research interests include settlements and culture, and digital museum of rural and urban settlements.

Mayura GADKARI

Urban Development Practitioner
National Institute of Urban Affairs,
New Delhi, India



Mayura GADKARI is a development sector professional with 11 years of experience of working in the realm of urban policy for devising sustainable and contextually relevant solutions for cities and residing communities. Over these years, she has worked with diverse stakeholders within the distinct governance levels across urban India- the town, city, region, state and at the national level by being a part of international non-profits, para-governmental organisations and projects financially supported by multi-laterals and bi-laterals. She believes that international and national level policy interventions for effective governance and municipal finance, and community engagement hold key to inclusive sustainable development.

Tina PATERNO

President ICOMOS Philippines



Tina PATERNO is an architectural conservator. She completed her M.S., Historic Preservation from the University of Pennsylvania, and worked as conservator at a private conservation consultancy in New York City. Projects include the United Nations Building complex, Metropolitan Museum of Art, and Federal Reserve Bank. She then founded her own firm, T. Paterno Conservation Inc., also in New York City. Returning to the Philippines, she co-founded the San Sebastian Basilica Conservation and Development Foundation, Inc. as its executive and technical director. For this work, she received was awarded by the of Outstanding Manilan Medallion of Honor, conferred by the City of Manila. Currently, she heads ICOMOS Philippines.

Chen YANG

Associate Professor
College of Architecture and Urban Planning,
Tongji University



Chen YANG, PhD, Associate Professor, College of Architecture and Urban Planning, Tongji University, Honorary Senior Fellow in the University of Queensland, Australia. He is the co-anchor for the 2021 Global Webinar on Transformational Impacts of Information Technology, Our World Heritage Initiative, Editorial Advisory Board of the Journal of Cultural Heritage Management and Sustainable Development (JCHMSD), and the expert member of ICOMOS-IFLA International Scientific Committee on Cultural Landscapes (ISCCL) and the International Committee for Documentation of Cultural Heritage (CIPA). Prof. Yang's research has focused on the digital conservation, management and interpretation of World Heritage and landscape heritage in different cultural and natural contexts. He has presided over or participated in research projects on digital heritage, including National Natural Science Foundation project, National Key Research and Development Plan, and Shanghai Philosophy and Social Sciences Planning Project.

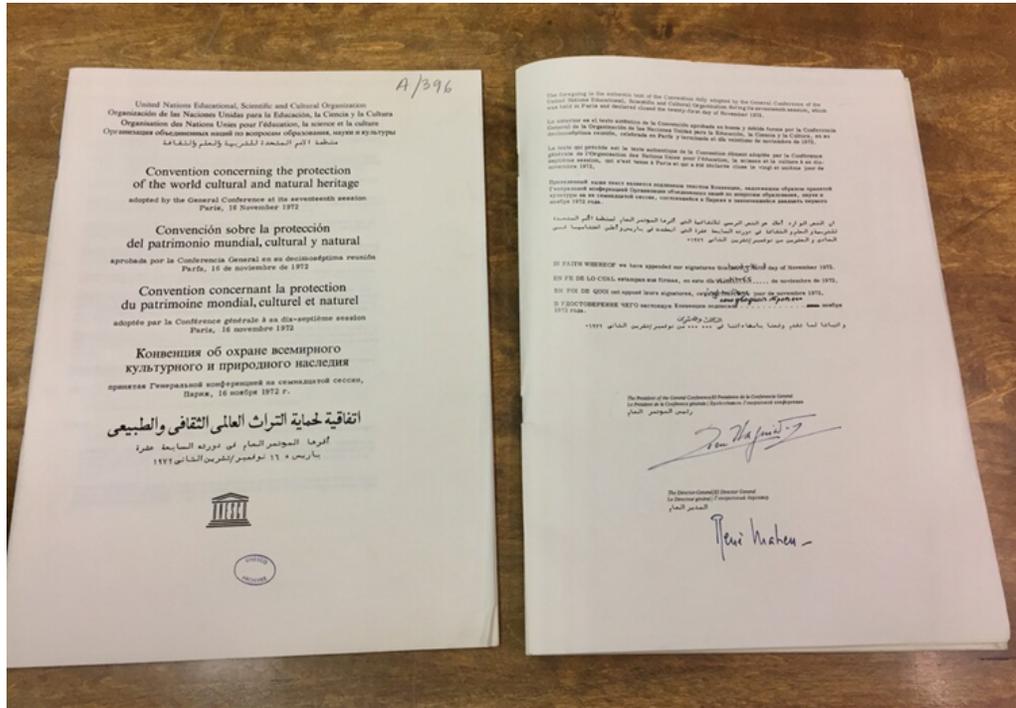
Marie-Noël TOURNOUX

Project Director, WHITRAP Shanghai



THE WORLD HERITAGE CONVENTION

Marie-Noël TOURNOUX joined WHITRAP Shanghai in April 2018, as Project Director. She focuses urban heritage and sustainable urban development. She studied Art history and English Literature at the Sorbonne University, Paris, France. She was a researcher for the French Ministry of Culture's Cultural Inventory Service. Her research area was 19th and 20th century architecture and urban heritage, religious architecture and resort towns. From 2002 to 2017 she worked at the World Heritage Centre, UNESCO, in several Regional and Thematic Units. She has been involved in many technical assistant projects and state of conservation monitoring activities in Europe, Africa and Asia, focusing mainly on urban heritage and cultural landscapes as well as Heritage Impact Assessments. She assisted in the development UNESCO's "Recommendation on the Historic Urban Landscape" (HUL) adopted in 2011. She implemented HUL related projects and studies. In 2015 to 2016 she assisted in UNESCO's global report for sustainable development "Culture : Urban Future".



The original copy of the *Convention* signed by the then President of the UNESCO General Conference Mr. Toru HAGUIWARA and the Director-General Mr. Rene MAHEU, copy saved in UNESCO Archives.

Author: Yue SHEN
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Convention Concerning the Protection of the World Cultural and Natural Heritage

The General Conference of the United Nations Educational, Scientific and Cultural Organization meeting in Paris from 17 October to 21 November 1972, at its seventeenth session,

Noting that the cultural heritage and the natural heritage are increasingly threatened with destruction not only by the traditional causes of decay, but also by changing social and economic conditions which aggravate the situation with even more formidable phenomena of damage or destruction,

Considering that deterioration or disappearance of any item of the cultural or natural heritage constitutes a harmful impoverishment of the heritage of all the nations of the world,

Considering that protection of this heritage at the national level often remains incomplete because of the scale of the resources which it requires and of the insufficient economic, scientific, and technological resources of the country where the property to be protected is situated,

Recalling that the Constitution of the Organization provides that it will maintain, increase, and diffuse knowledge, by assuring the conservation and protection of the world's heritage, and recommending to the nations concerned the necessary international conventions,

Considering that the existing international conventions, recommendations and resolutions concerning cultural and natural property demonstrate the importance, for all the peoples of the world, of safeguarding this unique and irreplaceable property, to whatever people it may belong,

Considering that parts of the cultural or natural heritage are of outstanding interest and therefore need to be preserved as part of the world heritage of mankind as a whole,

Considering that, in view of the magnitude and gravity of the new dangers threatening them, it is incumbent on the international community as a whole to participate in the protection of the cultural

and natural heritage of outstanding universal value, by the granting of collective assistance which, although not taking the place of action by the State concerned, will serve as an efficient complement thereto,

Considering that it is essential for this purpose to adopt new provisions in the form of a convention establishing an effective system of collective protection of the cultural and natural heritage of outstanding universal value, organized on a permanent basis and in accordance with modern scientific methods,

Having decided, at its sixteenth session, that this question should be made the subject of an international convention,

Adopts this sixteenth day of November 1972 this Convention.

I. Definition of the Cultural and Natural Heritage

Article 1

For the purposes of this Convention, the following shall be considered as "cultural heritage":

monuments: architectural works, works of monumental sculpture and painting, elements or structures of an archaeological nature, inscriptions, cave dwellings and combinations of features, which are of outstanding universal value from the point of view of history, art or science;

groups of buildings: groups of separate or connected buildings which, because of their architecture, their homogeneity or their place in the landscape, are of outstanding universal value from the point of view of history, art or science;

sites: works of man or the combined works of nature and man, and areas including archaeological sites which are of outstanding universal value from the historical, aesthetic, ethnological or anthropological point of view.

Article 2

For the purposes of this Convention, the following shall be considered as "natural heritage":

natural features consisting of physical and biological formations or groups of such formations, which are of outstanding universal value from the aesthetic or scientific point of view;

geological and physiographical formations and precisely delineated areas which constitute the habitat of threatened species of animals and plants of outstanding universal value from the point of view of science or conservation;

natural sites or precisely delineated natural areas of outstanding universal value from the point of view of science, conservation or natural beauty.

Article 3

It is for each State Party to this Convention to identify and delineate the different properties situated on its territory mentioned in Articles 1 and 2 above.

II. National Protection and International Protection of the Cultural and Natural Heritage

Article 4

Each State Party to this Convention recognizes that the duty of ensuring the identification, protection, conservation, presentation and transmission to future generations of the cultural and natural heritage referred to in Articles 1 and 2 and situated on its territory, belongs primarily to that State. It will do all it can to this end, to the utmost of its own resources and, where appropriate, with any international assistance and co-operation, in particular, financial, artistic, scientific and technical, which it may be able to obtain.

Article 5

To ensure that effective and active measures are taken for the protection, conservation and presentation of the cultural and natural heritage situated on its territory, each State Party to this Convention shall endeavor, in so far as possible, and as appropriate for each country:

1. to adopt a general policy which aims to give the cultural and natural heritage a function in the life of the community and to integrate the

protection of that heritage into comprehensive planning programmes;

2. to set up within its territories, where such services do not exist, one or more services for the protection, conservation and presentation of the cultural and natural heritage with an appropriate staff and possessing the means to discharge their functions;

3. to develop scientific and technical studies and research and to work out such operating methods as will make the State capable of counteracting the dangers that threaten its cultural or natural heritage;

4. to take the appropriate legal, scientific, technical, administrative and financial measures necessary for the identification, protection, conservation, presentation and rehabilitation of this heritage; and

5. to foster the establishment or development of national or regional centres for training in the protection, conservation and presentation of the cultural and natural heritage and to encourage scientific research in this field.

Article 6

1. Whilst fully respecting the sovereignty of the States on whose territory the cultural and natural heritage mentioned in Articles 1 and 2 is situated, and without prejudice to property right provided by national legislation, the States Parties to this Convention recognize that such heritage constitutes a world heritage for whose protection it is the duty of the international community as a whole to co-operate.

2. The States Parties undertake, in accordance with the provisions of this Convention, to give their help in the identification, protection, conservation and presentation of the cultural and natural heritage referred to in paragraphs 2 and 4 of Article 11 if the States on whose territory it is situated so request.

3. Each State Party to this Convention undertakes not to take any deliberate measures which might damage directly or indirectly the cultural and natural heritage referred to in Articles 1 and 2 situated on the territory of other States Parties to this Convention.

Article 7

For the purpose of this Convention, international protection of the world cultural and natural heritage shall be understood to mean the establishment of a system of international co-operation and assistance

designed to support States Parties to the Convention in their efforts to conserve and identify that heritage.

III. Intergovernmental Committee for the Protection of the World Cultural and Natural Heritage

Article 8

1. An Intergovernmental Committee for the Protection of the Cultural and Natural Heritage of Outstanding Universal Value, called "the World Heritage Committee", is hereby established within the United Nations Educational, Scientific and Cultural Organization. It shall be composed of 15 States Parties to the Convention, elected by States Parties to the Convention meeting in general assembly during the ordinary session of the General Conference of the United Nations Educational, Scientific and Cultural Organization. The number of States members of the Committee shall be increased to 21 as from the date of the ordinary session of the General Conference following the entry into force of this Convention for at least 40 States.

2. Election of members of the Committee shall ensure an equitable representation of the different regions and cultures of the world.

3. A representative of the International Centre for the Study of the Preservation and Restoration of Cultural Property (ICCROM), a representative of the International Council of Monuments and Sites (ICOMOS) and a representative of the International Union for Conservation of Nature and Natural Resources (IUCN), to whom may be added, at the request of States Parties to the Convention meeting in general assembly during the ordinary sessions of the General Conference of the United Nations Educational, Scientific and Cultural Organization, representatives of other intergovernmental or non-governmental organizations, with similar objectives, may attend the meetings of the Committee in an advisory capacity.

Article 9

1. The term of office of States members of the World Heritage Committee shall extend from the end of the ordinary session of the General Conference during which they are elected until the end of its

third subsequent ordinary session.

2. The term of office of one-third of the members designated at the time of the first election shall, however, cease at the end of the first ordinary session of the General Conference following that at which they were elected; and the term of office of a further third of the members designated at the same time shall cease at the end of the second ordinary session of the General Conference following that at which they were elected. The names of these members shall be chosen by lot by the President of the General Conference of the United Nations Educational, Scientific and Cultural Organization after the first election.

3. States members of the Committee shall choose as their representatives persons qualified in the field of the cultural or natural heritage.

Article 10

1. The World Heritage Committee shall adopt its Rules of Procedure.

2. The Committee may at any time invite public or private organizations or individuals to participate in its meetings for consultation on particular problems.

3. The Committee may create such consultative bodies as it deems necessary for the performance of its functions.

Article 11

1. Every State Party to this Convention shall, in so far as possible, submit to the World Heritage Committee an inventory of property forming part of the cultural and natural heritage, situated in its territory and suitable for inclusion in the list provided for in paragraph 2 of this Article. This inventory, which shall not be considered exhaustive, shall include documentation about the location of the property in question and its significance.

2. On the basis of the inventories submitted by States in accordance with paragraph 1, the Committee shall establish, keep up to date and publish, under the title of "World Heritage List," a list of properties forming part of the cultural heritage and natural heritage, as defined

in Articles 1 and 2 of this Convention, which it considers as having outstanding universal value in terms of such criteria as it shall have established. An updated list shall be distributed at least every two years.

3. The inclusion of a property in the World Heritage List requires the consent of the State concerned. The inclusion of a property situated in a territory, sovereignty or jurisdiction over which is claimed by more than one State shall in no way prejudice the rights of the parties to the dispute.

4. The Committee shall establish, keep up to date and publish, whenever circumstances shall so require, under the title of "List of World Heritage in Danger", a list of the property appearing in the World Heritage List for the conservation of which major operations are necessary and for which assistance has been requested under this Convention. This list shall contain an estimate of the cost of such operations. The list may include only such property forming part of the cultural and natural heritage as is threatened by serious and specific dangers, such as the threat of disappearance caused by accelerated deterioration, large-scale public or private projects or rapid urban or tourist development projects; destruction caused by changes in the use or ownership of the land; major alterations due to unknown causes; abandonment for any reason whatsoever; the outbreak or the threat of an armed conflict; calamities and cataclysms; serious fires, earthquakes, landslides; volcanic eruptions; changes in water level, floods and tidal waves. The Committee may at any time, in case of urgent need, make a new entry in the List of World Heritage in Danger and publicize such entry immediately.

5. The Committee shall define the criteria on the basis of which a property belonging to the cultural or natural heritage may be included in either of the lists mentioned in paragraphs 2 and 4 of this article.

6. Before refusing a request for inclusion in one of the two lists mentioned in paragraphs 2 and 4 of this article, the Committee shall consult the State Party in whose territory the cultural or natural property in question is situated.

7. The Committee shall, with the agreement of the States concerned,

co-ordinate and encourage the studies and research needed for the drawing up of the lists referred to in paragraphs 2 and 4 of this article.

Article 12

The fact that a property belonging to the cultural or natural heritage has not been included in either of the two lists mentioned in paragraphs 2 and 4 of Article 11 shall in no way be construed to mean that it does not have an outstanding universal value for purposes other than those resulting from inclusion in these lists.

Article 13

1. The World Heritage Committee shall receive and study requests for international assistance formulated by States Parties to this Convention with respect to property forming part of the cultural or natural heritage, situated in their territories, and included or potentially suitable for inclusion in the lists mentioned referred to in paragraphs 2 and 4 of Article 11. The purpose of such requests may be to secure the protection, conservation, presentation or rehabilitation of such property.

2. Requests for international assistance under paragraph 1 of this article may also be concerned with identification of cultural or natural property defined in Articles 1 and 2, when preliminary investigations have shown that further inquiries would be justified.

3. The Committee shall decide on the action to be taken with regard to these requests, determine where appropriate, the nature and extent of its assistance, and authorize the conclusion, on its behalf, of the necessary arrangements with the government concerned.

4. The Committee shall determine an order of priorities for its operations. It shall in so doing bear in mind the respective importance for the world cultural and natural heritage of the property requiring protection, the need to give international assistance to the property most representative of a natural environment or of the genius and the history of the peoples of the world, the urgency of the work to be done, the resources available to the States on whose territory the threatened property is situated and in particular the extent to which they are able

to safeguard such property by their own means.

5. The Committee shall draw up, keep up to date and publicize a list of property for which international assistance has been granted.

6. The Committee shall decide on the use of the resources of the Fund established under Article 15 of this Convention. It shall seek ways of increasing these resources and shall take all useful steps to this end.

7. The Committee shall co-operate with international and national governmental and non-governmental organizations having objectives similar to those of this Convention. For the implementation of its programmes and projects, the Committee may call on such organizations, particularly the International Centre for the Study of the Preservation and Restoration of cultural Property (the Rome Centre), the International Council of Monuments and Sites (ICOMOS) and the International Union for Conservation of Nature and Natural Resources (IUCN), as well as on public and private bodies and individuals.

8. Decisions of the Committee shall be taken by a majority of two-thirds of its members present and voting. A majority of the members of the Committee shall constitute a quorum.

Article 14

1. The World Heritage Committee shall be assisted by a Secretariat appointed by the Director-General of the United Nations Educational, Scientific and Cultural Organization.

2. The Director-General of the United Nations Educational, Scientific and Cultural Organization, utilizing to the fullest extent possible the services of the International Centre for the Study of the Preservation and the Restoration of Cultural Property (the Rome Centre), the International Council of Monuments and Sites (ICOMOS) and the International Union for Conservation of Nature and Natural Resources (IUCN) in their respective areas of competence and capability, shall prepare the Committee's documentation and the agenda of its meetings and shall have the responsibility for the implementation of its decisions.

IV. Fund for the Protection of the World Cultural and Natural Heritage

Article 15

1. A Fund for the Protection of the World Cultural and Natural Heritage of Outstanding Universal Value, called "the World Heritage Fund", is hereby established.
2. The Fund shall constitute a trust fund, in conformity with the provisions of the Financial Regulations of the United Nations Educational, Scientific and Cultural Organization.
3. The resources of the Fund shall consist of:
 - a. compulsory and voluntary contributions made by States Parties to this Convention,
 - b. Contributions, gifts or bequests which may be made by:
 - (i) other States;
 - (ii) the United Nations Educational, Scientific and Cultural Organization, other organizations of the United Nations system, particularly the United Nations Development Programme or other intergovernmental organizations;
 - (iii) public or private bodies or individuals;
 - c. any interest due on the resources of the Fund;
 - d. funds raised by collections and receipts from events organized for the benefit of the fund; and
 - e. all other resources authorized by the Fund's regulations, as drawn up by the World Heritage Committee.
4. Contributions to the Fund and other forms of assistance made available to the Committee may be used only for such purposes as the Committee shall define. The Committee may accept contributions to be used only for a certain programme or project, provided that the Committee shall have decided on the implementation of such programme or project. No political conditions may be attached to contributions made to the Fund.

Article 16

1. Without prejudice to any supplementary voluntary contribution, the States Parties to this Convention undertake to pay regularly, every two years, to the World Heritage Fund, contributions, the amount of which, in the form of a uniform percentage applicable to all States, shall be determined by the General Assembly of States Parties to the Convention, meeting during the sessions of the General Conference of the United Nations Educational, Scientific and Cultural Organization. This decision of the General Assembly requires the majority of the States Parties present and voting, which have not made the declaration referred to in paragraph 2 of this Article. In no case shall the compulsory contribution of States Parties to the Convention exceed 1% of the contribution to the regular budget of the United Nations Educational, Scientific and Cultural Organization.
2. However, each State referred to in Article 31 or in Article 32 of this Convention may declare, at the time of the deposit of its instrument of ratification, acceptance or accession, that it shall not be bound by the provisions of paragraph 1 of this Article.
3. A State Party to the Convention which has made the declaration referred to in paragraph 2 of this Article may at any time withdraw the said declaration by notifying the Director-General of the United Nations Educational, Scientific and Cultural Organization. However, the withdrawal of the declaration shall not take effect in regard to the compulsory contribution due by the State until the date of the subsequent General Assembly of States parties to the Convention.
4. In order that the Committee may be able to plan its operations effectively, the contributions of States Parties to this Convention which have made the declaration referred to in paragraph 2 of this Article, shall be paid on a regular basis, at least every two years, and should not be less than the contributions which they should have paid if they had been bound by the provisions of paragraph 1 of this Article.
5. Any State Party to the Convention which is in arrears with the payment of its compulsory or voluntary contribution for the current year and the calendar year immediately preceding it shall not be eligible as a Member of the World Heritage Committee, although this provision

shall not apply to the first election.

The terms of office of any such State which is already a member of the Committee shall terminate at the time of the elections provided for in Article 8, paragraph 1 of this Convention.

Article 17

The States Parties to this Convention shall consider or encourage the establishment of national public and private foundations or associations whose purpose is to invite donations for the protection of the cultural and natural heritage as defined in Articles 1 and 2 of this Convention.

Article 18

The States Parties to this Convention shall give their assistance to international fund-raising campaigns organized for the World Heritage Fund under the auspices of the United Nations Educational, Scientific and Cultural Organization. They shall facilitate collections made by the bodies mentioned in paragraph 3 of Article 15 for this purpose.

V. Conditions and Arrangements for International Assistance

Article 19

Any State Party to this Convention may request international assistance for property forming part of the cultural or natural heritage of outstanding universal value situated within its territory. It shall submit with its request such information and documentation provided for in Article 21 as it has in its possession and as will enable the Committee to come to a decision.

Article 20

Subject to the provisions of paragraph 2 of Article 13, sub-paragraph (c) of Article 22 and Article 23, international assistance provided for by this Convention may be granted only to property forming part of the cultural and natural heritage which the World Heritage Committee has decided, or may decide, to enter in one of the lists mentioned in paragraphs 2 and 4 of Article 11.

Article 21

1. The World Heritage Committee shall define the procedure by which requests to it for international assistance shall be considered and shall specify the content of the request, which should define the operation contemplated, the work that is necessary, the expected cost thereof, the degree of urgency and the reasons why the resources of the State requesting assistance do not allow it to meet all the expenses. Such requests must be supported by experts' reports whenever possible.

2. Requests based upon disasters or natural calamities should, by reasons of the urgent work which they may involve, be given immediate, priority consideration by the Committee, which should have a reserve fund at its disposal against such contingencies.

3. Before coming to a decision, the Committee shall carry out such studies and consultations as it deems necessary.

Article 22

Assistance granted by the World Heritage Committee may take the following forms:

1. studies concerning the artistic, scientific and technical problems raised by the protection, conservation, presentation and rehabilitation of the cultural and natural heritage, as defined in paragraphs 2 and 4 of Article 11 of this Convention;

2. provisions of experts, technicians and skilled labour to ensure that the approved work is correctly carried out;

3. training of staff and specialists at all levels in the field of identification, protection, conservation, presentation and rehabilitation of the cultural and natural heritage;

4. supply of equipment which the State concerned does not possess or is not in a position to acquire;

5. low-interest or interest-free loans which might be repayable on a long-term basis;

6. the granting, in exceptional cases and for special reasons, of non-repayable subsidies.

Article 23

The World Heritage Committee may also provide international assistance to national or regional centres for the training of staff and specialists at all levels in the field of identification, protection, conservation, presentation and rehabilitation of the cultural and natural heritage.

Article 24

International assistance on a large scale shall be preceded by detailed scientific, economic and technical studies. These studies shall draw upon the most advanced techniques for the protection, conservation, presentation and rehabilitation of the natural and cultural heritage and shall be consistent with the objectives of this Convention. The studies shall also seek means of making rational use of the resources available in the State concerned.

Article 25

As a general rule, only part of the cost of work necessary shall be borne by the international community. The contribution of the State benefiting from international assistance shall constitute a substantial share of the resources devoted to each programme or project, unless its resources do not permit this.

Article 26

The World Heritage Committee and the recipient State shall define in the agreement they conclude the conditions in which a programme or project for which international assistance under the terms of this Convention is provided, shall be carried out. It shall be the responsibility of the State receiving such international assistance to continue to protect, conserve and present the property so safeguarded, in observance of the conditions laid down by the agreement.

VI. Educational Programmes

Article 27

1. The States Parties to this Convention shall endeavor by all appropriate means, and in particular by educational and information programmes, to strengthen appreciation and respect by their peoples of the cultural and natural heritage defined in Articles 1 and 2 of the Convention.

2. They shall undertake to keep the public broadly informed of the dangers threatening this heritage and of the activities carried on in pursuance of this Convention.

Article 28

States Parties to this Convention which receive international assistance under the Convention shall take appropriate measures to make known the importance of the property for which assistance has been received and the role played by such assistance.

VII. Reports

Article 29

1. The States Parties to this Convention shall, in the reports which they submit to the General Conference of the United Nations Educational, Scientific and Cultural Organization on dates and in a manner to be determined by it, give information on the legislative and administrative provisions which they have adopted and other action which they have taken for the application of this Convention, together with details of the experience acquired in this field.

2. These reports shall be brought to the attention of the World Heritage Committee.

3. The Committee shall submit a report on its activities at each of the ordinary sessions of the General Conference of the United Nations Educational, Scientific and Cultural Organization.

VIII. Final Clauses

Article 30

This Convention is drawn up in Arabic, English, French, Russian and Spanish, the five texts being equally authoritative.

Article 31

1. This Convention shall be subject to ratification or acceptance by States members of the United Nations Educational, Scientific and Cultural Organization in accordance with their respective constitutional procedures.

2. The instruments of ratification or acceptance shall be deposited with the Director-General of the United Nations Educational, Scientific and Cultural Organization.

Article 32

1.,,This Convention shall be open to accession by all States not members of the United Nations Educational, Scientific and Cultural Organization which are invited by the General Conference of the Organization to accede to it.

2. Accession shall be affected by the deposit of an instrument of accession with the Director-General of the United Nations Educational, Scientific and Cultural Organization.

Article 33

This Convention shall enter into force three months after the date of the deposit of the twentieth instrument of ratification, acceptance or accession, but only with respect to those States which have deposited their respective instruments of ratification, acceptance or accession on or before that date. It shall enter into force with respect to any other State three months after the deposit of its instrument of ratification, acceptance or accession.

Article 34

The following provisions shall apply to those States Parties to this

Convention which have a federal or non-unitary constitutional system:

1. with regard to the provisions of this Convention, the implementation of which comes under the legal jurisdiction of the federal or central legislative power, the obligations of the federal or central government shall be the same as for those States parties which are not federal States;

2. with regard to the provisions of this Convention, the implementation of which comes under the legal jurisdiction of individual constituent States, countries, provinces or cantons that are not obliged by the constitutional system of the federation to take legislative measures, the federal government shall inform the competent authorities of such States, countries, provinces or cantons of the said provisions, with its recommendation for their adoption.

Article 35

1. Each State Party to this Convention may denounce the Convention.

2. The denunciation shall be notified by an instrument in writing, deposited with the Director-General of the United Nations Educational, Scientific and Cultural Organization.

3. The denunciation shall take effect twelve months after the receipt of the instrument of denunciation. It shall not affect the financial obligations of the denouncing State until the date on which the withdrawal takes effect.

Article 36

The Director-General of the United Nations Educational, Scientific and Cultural Organization shall inform the States members of the Organization, the States not members of the Organization which are referred to in Article 32, as well as the United Nations, of the deposit of all the instruments of ratification, acceptance, or accession provided for in Articles 31 and 32, and of the denunciations provided for in Article 35.

Article 37

1. This Convention may be revised by the General Conference of the United Nations Educational, Scientific and Cultural Organization. Any such revision shall, however, bind only the States which shall become Parties to the revising convention.

2. If the General Conference should adopt a new convention revising this Convention in whole or in part, then, unless the new convention otherwise provides, this Convention shall cease to be open to ratification, acceptance or accession, as from the date on which the new revising convention enters into force.

Article 38

In conformity with Article 102 of the Charter of the United Nations, this Convention shall be registered with the Secretariat of the United Nations at the request of the Director-General of the United Nations Educational, Scientific and Cultural Organization.

Done in Paris, this twenty-third day of November 1972, in two authentic copies bearing the signature of the President of the seventeenth session of the General Conference and of the Director-General of the United Nations Educational, Scientific and Cultural Organization, which shall be deposited in the archives of the United Nations Educational, Scientific and Cultural Organization, and certified true copies of which shall be delivered to all the States referred to in Articles 31 and 32 as well as to the United Nations.

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United Nations Educational, Scientific and Cultural Organization
联合国教育、科学及文化组织

World Heritage Convention
世界遗产公约

The World Heritage Institute of Training and Research for the Asia and the Pacific Region under the auspices of UNESCO
亚太地区世界遗产培训与研究中心

The World Heritage Training and Research Institute for the Asia and Pacific Region (WHITRAP) is a Category II institute under the auspices of UNESCO. It was the first international organization in the field of world heritage to be established in a developing country. Mandated by the States Parties of the World Heritage Convention and other States Parties of UNESCO, the institute was founded to promote the conservation and development of World Heritage in Asia and Pacific Region. WHITRAP has three branches in Beijing, Shanghai, and Suzhou. The Shanghai Centre at Tongji University focuses on the conservation of cultural heritage, such as the sustainable development of ancient towns and villages, architectural sites, architectural complexes, and cultural landscapes. The Beijing Centre at Peking University is in charge of natural heritage conservation, archaeological excavation, and management of the star cultural landscape. The Suzhou Centre, hosted by Suzhou Municipal Government, is in charge of traditional architectural craftsmanship and restoration, conservation materials analysis, and historic garden restoration and maintenance.

联合国教科文组织亚太地区世界遗产培训与研究中心 (WHITRAP) 是联合国教科文组织二类国际机构。是第一个在发展中国家建立的遗产保护领域的专门机构。它服务于亚太地区《世界遗产公约》缔约国及其他联合国教科文组织成员国。致力于亚太地区世界遗产的保护与发展。联合国教科文组织亚太地区世界遗产培训与研究中心由北京、上海、苏州三个中心构成。上海中心（同济大学承办）主要负责文化遗产保护相关项目，包括古镇、村落保护与可持续发展、建筑/建筑/建筑遗址保护以及文化遗产保护等；北京中心（北京大学承办）主要负责自然遗产保护、考古发掘与遗址管理以及文化景观管理；苏州中心（苏州市政府承办）主要负责传统建筑技术和修复、保护材料以及历史园林的修复与维护。