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Convention



The World Heritage Institute of Training and
Research for the Asia and the Pacific Region
under the auspices of UNESCO

**The World Heritage Institute of Training and Research for the Asia and the
Pacific Region under the Auspices of UNESCO**

WHITRAP Work Reports (2014-2018)

**The Rotating Secretariat of The World Heritage Institute of Training and Research for the
Asia and the Pacific Region under the Auspices of UNESCO**

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Abbreviations

WHITRAP: The World Heritage Institute of Training and Research for the Asia and the Pacific Region under the Auspices of UNESCO

Governing Board: The Governing Board of the World Heritage Institute of Training and Research for the Asia and the Pacific Region under the Auspices of UNESCO

Beijing Center: The Beijing Branch of the World Heritage Institute of Training and Research for the Asia and the Pacific Region under the Auspices of UNESCO

Shanghai Center: The Shanghai Branch of the World Heritage Institute of Training and Research for the Asia and the Pacific Region under the Auspices of UNESCO

Suzhou Center: The Suzhou Branch of the World Heritage Institute of Training and Research for the Asia and the Pacific Region under the Auspices of UNESCO

Three Centers: The Beijing Branch, the Shanghai Branch and the Suzhou Branch of the World Heritage Institute of Training and Research for the Asia and the Pacific Region under the Auspices of UNESCO

The Secretariat: The Rotating Secretariat of the World Heritage Institute of Training and Research for the Asia and the Pacific Region under the Auspices of UNESCO

I. Overview

In 2017 Oct, at the 34th Session of UNESCO General Conference, formal approval was given for the establishment of “World Heritage Training and Research Institute for the Asia and the Pacific Region”, a category 2 institute under the auspices of UNESCO in China. On 10th Apr, 2008, Chinese government officially signed an agreement with UNESCO. In July that year, the World Heritage Training and Research Institute for the Asia and the Pacific Region (hereafter referred to as WHITRAP) inaugurated, serving the States Parties to the *World Heritage Convention* (hereafter referred to as the *Convention*) and other member states of UNESCO. It vows to serve the protection and development of World Heritage sites in the Asia and the Pacific region.

Ever since the establishment of WHITRAP, it has operated under the *Convention* and the Guidebook. Under the direction of the Governing Board, the strengths of each branch institute were actualized, bringing fruitful results in five aspects of training, research, cooperation and exchange, and other services (these services include, the dissemination of information). Through these efforts, WHITRAP has built international prestige and made positive social impact in China, the Asia and the Pacific region and throughout the world.

WHITRAP Shanghai Center is located at Tongji University. It utilizes the advantage of the university’s abundant academic resource to pro-actively serve its strategic goal of global capacity building. Diversified cultural heritage protection training courses are also offered by the Center to serve heritage sites in the Asia and the Pacific region and Chinese historical and cultural cities/towns/villages. Moreover, it provides consultation services and conducts case study for those listed on the World Cultural Heritage Reserve List in China. Through vigorously seeking collaborative opportunities with authorities concerned, universities, research institutes,

enterprises and NGOs, it facilitates fruitful exchanges between professional experts during varied events, such as, academic seminars, collaborative academic research lectures. World Heritage awareness in the public is thus further promoted through exhibitions, lectures, and activities for the youth. From 2014 to 2018, the Shanghai Center held more than 10 large-scale training activities, 15 research project cooperation and research result releases. The number of HUL-related partners grew to 11 (see the body for details). The Shanghai Center had also been breaking new grounds in the field of social education on World Heritage, and had developed 1 to 2 key high-quality social education programs.

WHITRAP Beijing Center fully utilizes the academic resources provided by Beijing University and it had established itself as an academic research center. It also plays an active role in international affairs concerning World Heritage; it continues to make contribution to the assessment and management of World Heritage sites in China, and dual cultural and natural Heritage. A great amount of preparation effort was also made for the listing of World Heritage sites in China, dual cultural and natural Heritage, and cultural Heritage. From 2014 to 2018, the Beijing Center focused on the research and document preparation for the application of domestic world natural heritage projects. One heritage site was successfully listed on the World Heritage list for its effort. Moreover, the application for several other heritage sites had been submitted. Together with the Shanghai Center, the Beijing Center had drafted and issued the guidelines for the protection of one heritage site (Pingyao Ancient City).

Taking the advantage of being adjacent to World Heritage resources, WHITRAP Suzhou Center offers training courses on the conservation and restoration techniques of traditional architecture for the Asia and the Pacific region while it actively engages in World Heritage youth education. It also holds various regional and international seminars, conventions, training courses and other academic exchanges. These endeavors can help raise public awareness in World Heritage protection. From 2014 to 2018, the Suzhou Center put emphasis on the youth education of World Heritage

and heritage protection and restoration. Within five years, the Suzhou Center held nearly 20 large-scale heritage promotion and education activities for youth education of World Heritage in various forms, and had achieved remarkable outcomes. It also held 6 training courses on the restoration of ancient buildings and participated in the preparation of 4 important heritage protection reports/instruction manuals.

In recent years, WHITRAP has been widely recognized at home and abroad for its remarkable achievements. In 2014, WHITRAP passed the UNESCO Six-year Evaluation (2008-2013), and its work was highly evaluated by judging experts. The work of WHITRAP was also honorably mentioned at the 2017 NPC Standing Committee of China. On December 23, 2017, Minister of Culture Luo Shugang, was entrusted by the State Council to report on the work of China's cultural heritage to the 31st session of the NPC Standing Committee. The report introduced the overall situation of China's cultural heritage protection from three aspects: the overall progress, the current situation and future emphasis. It is worth mentioning that the close cooperation with international organizations was highly valued in the main achievements of China's cultural heritage work. It was also pointed out that "UNESCO has set up a World Heritage training and research center in the Asian-Pacific region in China". The report regards "deepening cultural heritage exchanges and cooperation with foreign countries and Hong Kong, Macao and Taiwan" as the focal point of future work and will further "promote in-depth cooperation with relevant international organizations and actively participate in international cultural heritage protection events". This demonstrates that China attaches more and more importance to the international exchange of cultural heritage and seeks to provide more opportunities and a bigger stage for the future development of WHITRAP.

II. Introduction of Main Works

(1) Training

WHITRAP closely centers on its functions and relies on the academic platforms of Peking University and Tongji University and the resource advantages of Suzhou's World Heritage site. With a full combination of UNESCO World Heritage Center's global training strategy, the needs of heritage sites in the Asian-Pacific region and China's rich heritage resources, it mainly conducts long-term, short-term and various levels of training courses related to cultural heritage, including international training courses, domestic training courses, Sino-French advanced training courses, academic lectures, and general education courses for overseas students.

From 2014 to 2018, WHITRAP offered various international and domestic trainings, covering topics ranging from Heritage Impact Assessment (HIA), Historic Urban Landscape (HUL), World Heritage and Sustainable Tourism, Ancient Building Conservation and Restoration, and so on. Participants from over 30 countries benefited from these events.

Topic 1: Heritage Impact Assessment

In recent years, a multitude of large-scale development are increasingly threatening World Heritage sites on its universal value, integrity, and authenticity. In the face of these issues and challenges, WHITRAP Shanghai and ICCROM has initiated a close cooperation since 2012. Under the framework of the Memorandum of Understanding signed by both party on the subject of regional capacity building, training courses on Heritage Impact Assessment (HIA) are hosted every 2 years.

- **The 2nd International Training Course on HIA (Shanghai Center)**

20141000TR-HI-2NDHIA, Training Course-SH¹

In October 2014, the Shanghai Center held the 2nd International Training Course on HIA in cooperation with ICCROM, enrolling 13 participants from 10 countries. 6 representatives from World Heritage advisory bodies, Category 2 World Heritage Centers, and HIA experts and 4 local government officials were invited to give lectures.

The training course seeks to help participants master the application method of HIA through lectures, on-site investigation, participants' case presentations, case simulations, and etc. Throughout the course, participants presented a HIA report based on the simulation of the World Heritage site in Guanxian Ancient City, Dujiangyan City, encompassing the ancient country government block, the former People's Hospital plot, the historical block in the West Street, and the Water Culture. Ultimately, the report can bring about positive contributions to the overall development of Dujiangyan City.

¹20141000TR-HI-2NDHIA, Training Course-SH is the code of central project launched by the Secretariat. Activities hosted or undertaken by each center all have unified codes for routine management and index, reflecting 5 key information. The meanings of each capital letter are: 20141000 (starting date), TR (project type: TR training, RE research, CO cooperation and exchange, SE services: dissemination and promotion, In information), HI (importance: HI important, ME intermediate, LO common), 2NDHIA, Training Course (project key words, no more than three words/phrases), SH (implementation subject: BJ Beijing, SZ Suzhou, SH Shanghai, SEC The Secretariat)

- **The 3rd International Training Course on HIA (Shanghai Center)**

20161018TR-HI-3RDHIA,Training Course-SH

From October 18 to 27, 2016, the 3rd International Training Course on HIA was held in Wigan Ancient City, the Philippines. This course was jointly organized by the Shanghai Center, the International Centre for the Study of the Preservation and Restoration of Cultural Property (ICCROM) and Wigan People's Government. This training brought together 12 participants from 10 countries in the Asian-Pacific region, European region and the Middle Eastern region, including China, Egypt, Fiji, India, Mongolia, Montenegro, Myanmar, the Netherlands, the Philippines and Singapore. Through the ten-day training course, participants gained a deep understanding of the theories and applied methods required to implement the heritage impact assessment through a series of lectures, field visits and case studies. At the same time, the research results presented by the participants on local cases can provide valuable insight for the protection and management of these heritage sites.

- **"Pacific Island Heritage/International Training Course on HIA" (Shanghai Center)**

20171120TR-HI-4THHIA,FIJI,Training Course-SH

The 9-day "Pacific Island Heritage/International Training Course on HIA" was hosted in Suva, Fiji from 20 November 2017.

25 professionals from 13 Pacific island countries (Cook Islands, the Federated States of Micronesia, Fiji, Kiribati, Marshall Islands, Nauru, Niue, Palau, Papua New Guinea, Samoa, Solomon Islands, Tonga, Tuvalu and Vanuatu) attended the training course and received warm welcome from the Fiji government. Mr. H.E. Iowane TIKO, Permanent Secretary-General of Fiji's Ministry of Education, Heritage and Culture, and Ms. Sachiko HARAGUCHI, Project Commissioner of UNESCO's World Heritage Center, attended the opening ceremony and delivered remarks, both

highlighted the importance of culture and heritage when it comes to sustainable development. This training course is an important capacity-building activity within the framework of the *Pacific World Heritage Action Plan (2016-2020)*.

During this training course, participants shared their professional experience and knowledge on heritage management, and listened to specialized courses given by international experts and Fijian experts on topics such as "management planning, protection and implementation methods of heritage/environmental impact assessment". In addition, the course leveraged Fiji's first World Heritage site, the historic port town Laiwuka, as a case study to inspire participants to engage in a deeper understanding of key issues related to heritage management and heritage/environmental impact assessment methods, especially the synergy between society and local communities.

- **Jointly held the 5th International Training Course on HIA with ICCROM 20181015TR-HI-5THHIA ,Training Course-SH**

The 5th International Training Course on Heritage Impact Assessment was held in Shanghai and Zhenze, Jiangsu Province from October 15 to 26, 2018. This training course is jointly organized by WHITRAP and ICCROM. The event also received support from the International Union for Conservation of Nature (IUCN), the Urban Construction Personnel Training Center of the Housing and Urban-Rural Development Department of Tongji University, Tongji University, Shanghai Tongji Planning and Design Institute, and Zhenze Town Government.

22 participants from 17 countries took part in the course and shared their experiences in managing heritage sites, especially World Heritage sites. This course encapsulates three parts: lectures, field research and final presentation. The 2018 training course managed to illustrate the process of HIA with real-life cases, making reference not only to cultural heritage site, but also to natural heritage sites. Throughout the lectures, two HIA reports on the Old Town of Galle and Fortifications and Villa Adriana were presented, and all steps implemented for the HIA were explained in detail.

Topic 2: Historic Urban Landscape

- 历史性城镇景观（HUL）专题培训课程（上海中心）
- Special Training Course on Historic Urban Landscape (HUL) (Shanghai Center)

20141200TR-HI-HUL2014, Training Course-SH

In December 2014, the Shanghai Center held a brief special training course on HUL for professionals worldwide. This course is aimed at empowering participants with a basic understanding of HUL, the reasons to adopt HUL the methods on applying HUL, and the latest progress in this field. The 2.5-day training includes eight training lectures (2.5 hours each, including keynote speeches and group discussions) in the first two days and the field visit activity (visited one of HUL's pilot projects in China: Hongkou area in central Shanghai) in the final half-day. This training course attracted a total of 24 trainees from China, Taiwan, India, the Philippines, Malaysia, Nepal, Australia, the United States and Italy. At the end of the course, the participants also participated in the following HUL international seminars, and gained a deeper understanding of HUL's theory, knowledge and relevant past projects.

In addition, Dr. Ron van OERS, the Head of the HUL project at the Shanghai Center, was invited to give a lecture titled "HUL's Practical Application in China" at the University of Melbourne, Australia. Around 200 teachers and students attended the lecture.

- "International Training Course on HUL in the Asia Pacific Region" (Shanghai Center)

20151200TR-HI-HUL2015, Training Course-SH

In December 2015, the Shanghai Center held an "International Training Course on HUL in the Asian-Pacific Region" at Tongji University in Shanghai, China. 17 heritage site managers and professionals from Germany, Spain, the Netherlands,

Colombia, Indonesia and China participated in the training. This training course is aimed at helping professionals understand the essence of HUL, the reasons and methods to promote HUL while keeping up with the latest technological development, as well as the current implementation and latest results of HUL pilot projects. Throughout this training course, WHITRAP strengthened and expanded the expert network and project cooperation platform in HUL related fields, and improved the participants' ability to implement HUL projects. During the 4-day training, prestigious experts in this field at home and abroad systematically elaborated on HUL approaches and applicable tools for participants. Through field visits, round-table discussions, and other means, the challenges of applying HUL approaches were addressed, and HUL's impact on the Asian-Pacific region were discussed in depth.

- 第四期“历史性城镇景观（HUL）—不同文化的连接”国际培训（上海中心）
- The 4th International Training on HUL- Bridging Cultures" (Shanghai Center)

20160827TR-HI-HUL2016, Training Course-SH

20160827TR-HI-HUL2016, Training Course-SH

From August 27 to September 4, 2016, the 4th "Historic Urban Landscape (HUL)- Bridging Cultures" field training was successfully held. The training was coordinated by the Italian National Research Council- Cultural Heritage Protection Center (hereinafter referred to as CNR-ICVBC), coordinated by WHITRAP, co-hosted by CNR-ICVBC and Tor Vergata, and held by the municipality of Palestrina and Castel San Pietro Romano and the regional agency Lazio Innova S.P.A. This training seeks to tackle problems related to the protection, value reproduction and management of small historical towns through HUL approaches. It aims to bridge different cultures, especially on the best practices in Sino-Italian interdisciplinary comprehensive methods. With a focus on the selected pilot cases, the training centers on Italy's experience in the field and combines on-site training, multidisciplinary

discussions and joint design methods to present a proposal for protection/value reproduction for the selected pilot cases. To incorporate every stakeholder to solve the problem, the training course combined perspectives from teachers, students, local stakeholders and residents.

Topic 3: World Heritage and Sustainable Tourism

The World Heritage and Sustainable Tourism Programme (WH+ST) was officially approved by the 36th World Heritage Committee session. It was also incorporated into the *2012-2022 Strategic Action Plan for the Implementation of the World Heritage Convention* (WHC-11/18.GA/11), which was coordinated by the World Heritage Center to be carried out globally. Against this backdrop, the Shanghai Center decided to propose valuable and sustainable management methods for tourism development of China's World Heritage sites through hosting training and heritage site pilot projects from 2016 to 2021. The Shanghai Center seeks to guide the preparation of heritage site tentative list, formulate sustainable tourism management strategies and working mechanisms, facilitate application work, and assist World Heritage sites to meet the "Monitoring and Reporting Requirements for Realizing Sustainable Tourism" proposed by the World Heritage Committee.

- **1st International Training Course on "World Heritage and Sustainable Tourism" (Shanghai Center)**

20160613TR-HI-1STWHST, Training Course-SH

From 13 to 19 June 2016, the first UNESCO training course on "World Heritage and Sustainable Tourism" was held in the Shanghai Center. 33 managers from 33 heritage sites listed in the World Heritage Tentative List participated in the course, ranging from heritage sites in 13 provinces and cities in China, including Lijiang Ancient Town, Zhangjiajie and Mogao Grottoes. This training focuses on how heritage sites can help raise awareness on universal value, tourism impact

management, heritage economy and products, and stakeholder participation. Discussions were held regarding the methods to boost the tourism development of Chinese heritage sites to provide high-quality tourism products and services, while upholding universal value, and promoting stakeholders to take responsible actions. Participants brainstormed ways to make stakeholders understand, cherish and protect heritage sites. Moreover, in tandem with the development of China's pilot projects, the course can provide applicable tourism development methods for Chinese heritage sites, and share the successful Chinese cases to the Asian-Pacific region and the world.

- **Wulingyuan, Hailongtun WH+ST China Pilot Project Training Course (Shanghai Center)**

20170904TR-ME-WHST, Training Course, Wulingyuan–SH

20171025TR-ME-WHST, Training Course, Hailongtun-SH

From 4 to 6 September 2017, the World Natural Heritage Wulingyuan Scenic Area Training Course, a pilot project of UNESCO's "World Heritage and Sustainable Tourism" in China, was successfully held in Wulingyuan. It marks the first large-scale World Heritage training session held in Zhangjiajie City. A total of 209 administrative personnel from units under jurisdiction of Hunan Province, Zhangjiajie City and Wulingyuan District participated in the training.

From October 25 to 26, 2017, the Shanghai Center held the UNESCO World Heritage and Sustainable Tourism Pilot Project in China- World Cultural Heritage: Tusi Site (Hailongtun, Guizhou) Training Course in Zunyi City, Guizhou Province. This training marks the first event carried out in Huichuan District to protect the world cultural heritage site, Hailongtun. Apart from the venue in Huichuan District Government, 14 sub-venues were set up online concurrently. More than 200 participants attended the lecture given by Professor Han Feng, Head of the Pilot Project, including representatives from the People's Government and various departments, Donggong Temple, Gaoping Street Office, Hailongtun Cultural

Heritage Administration, Zunyi Normal University, Huichuan Historical Education and Research Group, Legendary Culture (Guizhou) Scenic Area Operation and Management Co. Ltd., and others. At the same time, nearly 30 managers of relevant Hailongtun Heritage Protection departments attended the lecture delivered by Doctor Xie Li, Senior Research Specialist of the Pilot Project. He gave a special lecture on "Interpretation and Display of the Value of Tusi World Heritage Site in Hailongtun". In addition, Professor Xiao Qianhui, former Director of Human Education Department of the National Tourism Administration, gave lecture on "the Way to Sustainable Tourism Development in Hailongtun". The lecture was divided into two parts according to the subject matter, with each delving into the possible solutions for issues regarding Hailongtun heritage protection, value research, mechanism for work management, and development of tourism.

Topic 4: Protection and Restoration of Ancient Buildings

- **The 6th "Senior Talent Training Course on the Protection and Restoration Technology for Ancient Buildings in the Asian-Pacific Region" (Suzhou Center)**

20150703TR-ME-Ancient Building 2015, Training Course-SZ

From 3 to 11 July 2015, the Suzhou Center and the University of Rome in Italy jointly organized the 6th "Senior Talent Training Course on the Protection and Restoration Technology for Ancient Buildings in the Asian-Pacific Region". With a duration of 10 days, this course focuses on the "Protection and Restoration of Ancient Buildings in Historic Districts", providing professional training courses on ancient building protection and restoration for more than 20 ancient building protection, restoration and management professionals from Australia, Malaysia, Beijing, Shanghai, Jiangsu Province, Zhejiang Province, Guangdong Province, Hunan Province and other provinces and cities in China. A network for professional in the field was set up to exchange technical knowledge to promote the continued

improvement of ancient building restoration skills and World Heritage protection in the Asian-Pacific region.

- **The 7th "Senior Talent Training Course on the Protection and Restoration Technology for Ancient Buildings in the Asian-Pacific Region" (Suzhou Center)**

20160707TR-ME-Ancient Building 2016, Training Course-SZ

From 7 to 14 July 2016, the Suzhou Center and Southeast University jointly held the 7th "Senior Talent Training Course on the Protection and Restoration Technology for Ancient Buildings in the Asian-Pacific Region". This training course focuses on the "Protection and Restoration of Ancient Wooden Structures", covering the re-recognition of Chinese traditional wooden frame structures from a cultural construction perspective, the tradition of Chinese heritage protection, real-life case studies on protection and restoration, and practice courses. Lecturers elaborated on the theories, methods and technologies for World Heritage protection and restoration on ancient buildings in stages, seeking to train a group of professionals that are knowledgeable with the theoretical knowledge of modern heritage protection and can master traditional skills and culture. The Suzhou Center has explored a preliminary way to train talents for the World Heritage protection and restoration of ancient buildings in the Asian-Pacific region.

- **The 8th "Senior Talent Training Course on the Protection and Restoration Technology for Ancient Buildings in the Asian-Pacific Region" (Suzhou Center)**

- **20170718TR- ME-Ancient Building 2017, Training Course-SZ**

From 18 to 29 July 2017, the 8th "Senior Talent Training Course on the Protection and Restoration Technology for Ancient Buildings in the Asian-Pacific Region" was successfully concluded in Suzhou. This training course was jointly organized by WHITRAP, the Eastern Cultural Heritage Conservation Union, the Key Laboratory of the Ministry of Education for Urban and Architectural Heritage

Protection (Southeast University), and the Key Research Base of the State Administration of Cultural Heritage (Southeast University) for Research on Construction Techniques of Traditional Wooden Buildings. More than 30 participants from Qatar, the United States, the Netherlands, Tonga, Thailand, and Beijing, Macao, Shanghai, Liaoning Province, Shandong Province, Heilongjiang Province and other provinces and cities in China took part in the training course.

This 11-day training course is comprised of a combination of various teaching modes. Through lectures, case studies, field visits, simulated exercises, group activities, and course discussions, participants and lectures were able to engage in in-depth communication. Kicking off from "Suzhou Garden's Construction Skills", the course elaborated on the Suzhou garden protection and repair system, piling of rockeries in Suzhou garden, and water design and bonsai gardening skills. Through comparative analysis on real-live cases, the course strengthened participants' understanding of construction and protection of Chinese gardening.

- **Held the 2018 Senior Talent Training Course on the Protection and Restoration Technology for Ancient Buildings in the Asian-Pacific Region- "Lime and Cultural Heritage Protection Practice"**
20180206TR-ME-Ancient Building, Training Course-SZ

In the morning of 6 February 2018, the 2018 Senior Talent Training Course on the Protection and Restoration Technology for Ancient Buildings in the Asian-Pacific Region- "Lime and Cultural Heritage Protection Practice" jointly organized by WHITRAP and the School of Architecture and Urban Planning of Tongji University launched in Suzhou. The opening ceremony invited many representatives to attend and deliver speeches, including Zhou Qilin, Deputy Director of Suzhou City's Garden and Greening Administration, Chen Rongwei, Director of the Heritage Administration, Zhang Jie, Director of Suzhou City's Lion Grove Administration, Dai Shiping, Professor of Tongji University's School of Architecture and Urban Planning, Siegfried Gerald Ziegenbalg, Professor of German Dresden Institute of Industry and

Commerce, Jan Vále, PhD of the Theoretical and Applied Mechanics Institute of Czech Academy of Sciences, and Gesa Schwantes, Director of the Architectural Heritage Conservation Laboratory of Hong Kong University.

The 6-day training course focuses on "Lime and Cultural Heritage Protection Practice", with an aim to set up an exchange platform for professionals in heritage protection industry domestically and internationally, share expertise in the protection and restoration of historical buildings, introduce the experience in the protection and restoration of historical buildings in the Asian-Pacific region, promote the development of Suzhou's world cultural heritage protection with international insights while keeping up with international standards, and improve the overall quality of heritage protection and management. More than 30 professionals participated the training course, spanning from Germany, Czech Republic, Italy, Malaysia and other countries, as well as provinces, cities and regions in China, such as Beijing City, Shanghai City, Jiangsu Province, Zhejiang Province, Fujian Province, Shaanxi Province, Guangdong Province, Shenzhen City, Anhui, Shandong Province, Hubei Province, Hong Kong, and Macao.

- **Held the 2018 Conservation and Restoration of Ancient Architectures in the Asia-Pacific Region, Advanced Training Courses for High-Level Personnel on the Evaluation and Analysis of Classical Chinese Architecture**

20181204TR-ME-Ancient Building Identification, Training Course-SZ

2018 Conservation and Restoration of Ancient Architectures in the Asia-Pacific Region, Advanced Training Courses for High-Level Personnel on the Evaluation and Analysis of Classical Chinese Architecture took place from December 4 to 8 in Nanjing, it marks the joint effort from WHITRAP Suzhou and the School of History of Nanjing University. Officials and experts attended the ceremony and delivered their remarks; among them were Zhou Qilin, Deputy Director of Suzhou Garden and Greening Administration, Qian Yucheng, Director of WHITRAP Suzhou, Prof. Sun Jianglin, Secretary of the Party Committee of the School of History of Nanjing

University, Zhou Xueying, Professor at the School of History of Nanjing University and Director of the Institute of Oriental Architecture of Nanjing University, Ma Bingjian, Chief Editor of *Ancient Building Landscape Technology* magazine and former director of Beijing Institute of Ancient Architectural Design, and Wang Yuk, Director of the Institute of Cultural Relics and Architectural Protection of Beijing Institute of Architectural Design and Research and Deputy Director of the Institute of Oriental Architecture of Nanjing University.

With the theme of “Evaluation and Analysis of Classical Chinese Architecture,” this course invited prominent experts from the field of architectural history research, heritage protection of historical buildings, ancient construction renovation, design and other disciplines. Young scholars and practitioners that manages protection, renovation and research on ancient architecture were also invited to give lectures. This training aims to help students understand and master the principles and methods of determining the age of Chinese classical architecture in World Heritage sites, appreciate the value and significance of historical architecture, and further improve their knowledge on Chinese classical architecture. During the 7-day workshop, more than 60 experts, scholars and professionals from Beijing, Shanghai, Jiangsu, Zhejiang, Fujian, Yunnan, Shaanxi, Guangdong, Shandong, Hubei and other provinces and municipalities in the ancient architecture protection field participated in the training. Participating experts engaged in in-depth discussion on ancient building technique, research methods and evaluation principles to learn more about the conservation and restoration of Chinese classical architecture.

Topic 5: Other Important Training Projects

- **Training Course on Capacity Building for "World Heritage Application" (Shanghai Center)**
20140800TR-ME-WH Application, Training Course-SH

In August 2014, the training course on Capacity Building for "World Heritage Application" sponsored by the SAARC Cultural Centre and co-sponsored by the Shanghai Center, and the Nepal Archaeological Department was held in Lumbini, Nepal. This training marks the second cooperation between the SAARC and the Shanghai Center since 2013. This training course is tailored to address specific issues according to the analysis in the *Asian-Pacific Capacity Building Strategy* and the actual demands of the contracting states in South Asian. The Shanghai Center provided technical and financial support for the training course, specifically on designing the course and invited international experts with relevant experience. More than 40 senior and middle-level experts on cultural heritage management from Bangladesh, Bhutan, India, the Maldives, Nepal, and Sri Lanka participated in the training course. The training course consists of 12 special lectures, 8 country's case reports, 4 round-table discussions and 1 field investigation. The training course is aimed at improving the ability and technical tools for managing tentative World Heritage sites in South Asia, training them to carry out heritage site application and preparation work independently, sharing practical knowledge on heritage site protection and management, and exchanging existing mechanisms and experience of various countries.

- **Held the 2018 Asia-Pacific World Heritage Youth Education Seminar**
20181127TR-ME-WH Youth Education, Training Course-SZ

From November 27 to 30, the 2018 Asia-Pacific World Heritage Youth Education Seminar hosted by WHITRAP Suzhou was held in Suzhou Tourism and Finance Institute. This training received participation from the World Heritage Youth Education Base from more than 10 provinces and cities participated. Mr. Zhou Qilin, Deputy Director of the Suzhou Garden and Greening Administration, Mr. Chen Rongwei, Director of the Heritage Supervision Office of Suzhou Municipal Garden and Greening Administration, Mr. Qian Yucheng, Director of WHITRAP Suzhou, Mr. Zhou Ling, Vice President of Suzhou Tourism and Finance Institute, and Mr. E Wenyan, Deputy Director of the World Heritage Youth Education Center, attended

the opening ceremony and the awarding ceremony. The training activity is consisted of three complementary parts: lectures, on-site courses, and exchanges and discussions focusing on case studies, aiming at sharing World Heritage related experiences with the participants. During the event, WHITRAP Suzhou formally recognized 52 base units as World Heritage Youth Education Bases. They each received certificates with World Heritage Youth Education Base serial number and plaques.

(2) Research

WHITRAP has persistently devoted itself to advance the research and implementation of innovative theory on World Heritage protection. It strives to promote the innovation and development during theory implementation, and ultimately oversee the implementation process. In order to provide solid support for the protection of World Heritage in the Asian and the Pacific region, WHITRAP applies itself to promote the objective of protecting culture diversity under the context of globalization, and build platforms for international cooperation and online archive.

From 2014 to 2018, WHITRAP continuously strengthened the scope and depth of its research around 7 focal points: "Historic Urban Landscape", "World Heritage and Sustainable Tourism", *Operation Guideline for Youth Education on World Heritage*, "Application to be Listed as a World Heritage Site", "UNESCO Creative Cities Network", "Preparation of Risk Management Standards for World Cultural Heritage Sites", *Guidelines for the Protection, Renovation and Environmental Management of Traditional Residential Buildings in Pingyao Ancient City* and *Practical Guidelines for Application*. The Center works incessantly to extend the depths of the research and the topics covered. In the meanwhile, it also sets out to strengthen its capability to cooperate with World Heritage cities, higher educational institutions in China and the world, and international organizations.

Topic 1: Historic Town Landscape

- **Published 1 HUL academic publication (English), translated 1 HUL academic publication (English-Chinese translation), wrote 6 bilingual training and conference manuals (Chinese and English), and selected 5 HUL comparative cases (Shanghai Center)**

In December 2014, the book *Reconnecting the City: The Historic Urban Landscape Approach and the Future of Urban Heritage* jointly written by Francesco Bandarin, former Assistant Director-General of UNESCO and Doctor Ron Van OERS, the Director of HUL Project in Shanghai Center, was officially published by Wiley Blackwell Publishing House. The book explains abstract HUL concept in detail through a series of best practices in urban heritage management. The book was divided into different themes, and discusses issues such as changing demographics, expanding urbanization, economic development pressure and decentralization, social interaction, the feasibility of heritage protection from an economy aspect and financing issues.

In 2014, the Shanghai Center also completed *The Report of the 2012 HUL International Symposium* and *The Report of the 2013 Domestic Training Course*, including expert keynote speeches in the conferences, round-table discussions, training lectures, teacher-student course discussions, and some participants' on-site research results, laying a good foundation for future HUL research and activities.

In 2014, in addition to selecting the pilot cities and towns, the HUL project team also selected two comparative research cases: Dujiangyan and Suzhou, China. The purpose is to explore how HUL can be combined with the Chinese backdrop and context through case studies and comparative analysis to promote the healthy development of cities and towns.

In 2015, the Shanghai Center led the translation of an HUL English book, *The Historic Urban Landscape: Managing Heritage in an Urban Century* (translated into Chinese). This book provides a comprehensive overview of the ideological development of urban protection, modern interpretation and criticism, and how traditional protection methods have been challenged by changes in urban management concepts and practical backgrounds. The book also looks into the management of World Heritage sites, related debates, and resolutions to help readers understand the development of local urban protection policies and practices. At present, the book is undergoing the final revision and is expected to be published by the end of December.

In addition, the Shanghai Center edited and completed 2 Chinese and English training manuals and 2 conference manuals on the basis of the HUL seminar and training meeting (Cuenca, May 2015), the International Training Course for HUL in Asian-Pacific Region (Shanghai, December 2015), and the Sino-Italian Project Exchange Meeting (Tongli, China, March 2015 and Italy, September 2015).

Since March 2015, keeping the memorandum of cooperation in mind, China and Italy finally selected Chinese Tongli Ancient Town, Palestrina and San Pietro-Capranica as the targets of three comparative cases of HUL research projects for the application of HUL approach in two types of cities: water towns and mountain towns.

- **Published the *Implementation Guideline for Historic Urban Landscape Method* (Shanghai Center)**

20160607RE-ME-HUL Guideline,Publication-SH

On June 7, 2016, with the support of Tongji University and Australian Federal University, WHITRAP and the Australian Ballarat City finished writing the *Implementation Guideline for Historic Town Landscape (HUL) Approach*. The *Implementation Guideline* was also distributed and publicized at the 15th World Conference of Historical Cities held in Bad Ischl, Austria, on June 7, 2016.

- **Published an HUL book, *Operationalising the Historic Urban Landscape – A Practitioner’s View***

20180300RE-HI-HUL,Application,Publication-SH

Operationalising the Historic Urban Landscape – A Practitioner’s View (ISBN 978-7-5608-7773-0) was written by the Secretary-General of WHITRAP, Prof. Zhou Jian (Director of WHITRAP Shanghai) and Ron Van Oers (Former Deputy-Director of WHITRAP Shanghai). This book introduced various cases that applied the HUL approach around the world from a practitioner’s perspective. It contains 10 papers from domestic and overseas experts, as well as *Shanghai Agenda* for the implementation result of the “2014 International Symposium on HUL” held by WHITRAP Shanghai. This book aims to provide references for stakeholders in areas of urban conservation, urban development and urban regeneration. Its target readers are (but not limited to) local government officials, urban conservation and development practitioners, researchers, consultants, training organizations and research institutes. This book was published by Tongji University Press in March 2018.

Topic 2: World Heritage and Sustainable Tourism

Peter Debrine, Head of the UNESCO World Heritage and Sustainable Tourism program, commissioned WHITRAP to carry out a pilot project in China. Both parties have conducted in-depth discussions on development plans, cooperation mechanisms and case selection. The project was expected to be implemented from 2015 to 2017.

- **Participated in the international research on "World Heritage and Sustainable Tourism" and led the pilot projects in China; translated and published the *UNESCO World Heritage Sustainable Tourism Manual* (Shanghai Center)**

20150500RE-HI-WHST,China Pilot Project-SH

20151100RE-ME-WHST,Manual,Publication-SH

In May 2015, the UNESCO World Heritage Series Forum "World Heritage and Sustainable Tourism" was held in Sanqing Mountain, Jiangxi Province. The forum focused on two topics: "how to promote sustainable tourism through policies, strategies, frameworks and instrumental documents to form a driving force for the protection and management of World Heritage" and "the multi-benefit stakeholder support for sustainable tourism of World Heritage". Professor Han Feng, the Consultant Expert of Shanghai Center and the Head of the Landscape Architecture Department of Tongji University's School of Architecture and Urban Planning, was invited to attend the meeting and delivered a keynote speech on "the Value of World Heritage and Sustainable Tourism".

In November 2015, the Shanghai Center project team translated and edited the *UNESCO World Heritage Sustainable Tourism Manual*. This Manual can guide managers and major stakeholders of World Heritage sites to better manage the tourism industry of World Heritage sites more actively with prescient foresight, and further promote the positive development of more and more World Heritage sites.

- **The "World Heritage and Sustainable Tourism" pilot projects in China officially kicked off, with on-site research being conducted (Shanghai Center)**

20170405RE-HI-WHST,China Pilot Project-SH

On April 5, 2017, the signing ceremony of the UNESCO World Heritage and Sustainable Tourism pilot project in China was held in the Shanghai Center. The ceremony was presided over by Professor Han Feng from Tongji University, a member of UNESCO's World Heritage and Sustainable Tourism project. A list of experts and officials were invited to deliver their remarks, including Peter DEBRINE, the Director of the World Heritage and Sustainable Tourism project of UNESCO's World Heritage Center, Zhou Jian, the Secretary-General of WHITRAP, Hu Xinhua, the Director of Wulingyuan World Natural Heritage Protection Office in Zhangjiajie

City, Hunan Province, and Jiang Jiyi, the Director of Guizhou's Zunyi Hailongtun Cultural Heritage Administration.

For the pilot projects in China, the world natural heritage site Wulingyuan Scenic Site, and the world cultural heritage site Tusi Site (Hailongtun District) were selected. The two pilot projects mark the first in the world to combine targeted capacity-building effort and case study project. With the signing ceremony marking the official launch of the pilot projects, it is understood that the projects can provide a good opportunity for renewing the strategies for the protection and management of World Heritage, and can be positive to both the development of heritage protection and sustainable tourism. As all parties cooperate and explore their potentials, the two pilot projects will be promoted as demonstration projects worldwide.

In June and August 2017, the Shanghai Center organized an expert team to inspect Zhangjiajie Wulingyuan Scenic Site and Zunyi Hailongtun Tusi Site in two separate visits.

- **World Heritage and Sustainable Tourism (WHST) pilot project in China (2015-2020)**

20180000RE-HI-WHST,Wulingyuan,Hailongtun-SH

In June 2018, at the 41st World Heritage Conference, the host of the China pilot project, Professor Han Feng, was invited to attend the specialized conference on the “World Heritage and Sustainable Tourism – Visitor Management.” He shared the achieved results on different stages in the research project. By the end of 2018, the project team completed the *Status Report*, *Training Summary* and the *Proposal* for both heritage sites. From 2019 to 2020, the project team will incorporate its findings into a report for the World Heritage Center, and further publish relevant studies on the comparison of Chinese cases with the *Handbook of World Heritage and Sustainable Tourism*.

From August 15 to August 22, 2018, 9 members of Hailongtun Project Team conducted the 3rd on-site research at Guizhou Hailongtun Tusi Site. Under the

coordination of project commissioner Li Hong and Hailongtun Administrative Bureau, the project research team pay additional visits. The visits targeted the three-layer military defence system that exemplify the prominent universal value of Hailongtun Tusi Site and its surrounding Yang's tombs. On the other hand, on the basis of the mid-term report published on December 31, 2017, the project research team held 7 meetings with various stakeholders, focusing on comprehending the management problems encountered by Hailongtun Administration, and the future direction of the operation and development of local tourism industry. Through in-depth interviews, insight into the current protection situation was renewed, and the real demands of the stakeholders were further understood. The photos and video taken by aerial cameras during this on-site visit will also provide a solid basis for following research work.

Topic 3: Operation Guidelines on World Heritage Education for the Youth

World Heritage Education for the Youth is a persistent project, and it is necessary to further localize teaching materials, create more regional theme activities, innovate the training for teachers and facilitate educational collaboration with World Heritage sites. It is an important part of UNESCO's "5C strategy". The Suzhou Center organized and carried out the preparation of editing the *Guidelines*, aiming at summarizing the experiences and case studies on World Heritage Education for the Youth, developing a guiding manual suitable for education local regional youth on World Heritage in the Asian-Pacific region, and integrating the regional characteristics of China and the Asian-Pacific region into the program. The guiding manual is of great significance to the exposure and promotion of World Heritage education. Through summarizing and reviewing the World Heritage Education for the Youth in the past decades, we seek to provide potential development directions and models for future education on World Heritage.

- **Prepared the *Operation Guideline for Youth Education on World Heritage* (Suzhou Center)**

20150000RE-HI-WH, Youth Education, Guideline-SZ

20170200RE-ME-WH, Youth Education, Guideline-SZ

To strengthen the education on world cultural heritage for Chinese youth and provide framework and ideas for the youth education on World Heritage in primary and secondary schools in China, the Suzhou Center has cooperated with Suzhou University since 2015 to initiate the preparation of *Operation Guideline for Youth Education on World Heritage*. The Suzhou Center summarized and sifted through the past experience and documents on the youth education on World Heritage over the years, and integrated various social forces, and leaned on the professional academic research strength of Nanjing Normal University, Suzhou University and other universities to conduct in-depth research on the guiding materials such as *Operation Guideline for Youth Education on World Heritage* suitable for the Asian-Pacific region. To further improve the contents of the *Guideline*, WHITRAP continued to cooperate with the Social Institute of Suzhou University on the *Guideline (Case)* in February 2017, and collected case studies from Japan, South Korea, Australia, India, West Asia and the Middle Eastern countries related to the research and practice of youth education on World Heritage, and conducted research into each category. These case studies provided empirical support for the theoretical part of the *Guideline*.

Topic 4: Application for the Listing of World Heritage Project

- **Participated in the Application for the Listing of World Natural Heritage for the Hohxil Region of Qinghai Province and other regions (Beijing Center)**
20141100RE-HI-WH Application,Hohxil-BJ
20170707RE-ME-WH Application-BJ

In November 2014, Hohxil Region in Qinghai Province initiated the application process to be listed as a World Heritage site. In the meanwhile, the Natural Heritage Team of the Beijing Center also began to take the lead in organizing relevant scientific research activities. On 7 July 2017, after the deliberation at the 41st Session of the World Heritage Committee of UNESCO, the "Hohxil Region in Qinghai Province" was successfully included in the World Heritage list, becoming the 51st world natural heritage site and the 12th World Heritage in China. This marks the first natural heritage on the Qinghai-Tibet Plateau and the 8th largest heritage site in the world. This represents a monumental achievement for the Beijing Center since it undertook the application project for the site in 2014.

Throughout 2015, the Beijing Center also participated in the protection projects in Dong Village, Miao Village and Qiang Village in Guizhou City, and the research on Tusi Site in Guizhou's Zunyi Hailongtun.

In February 2017, the documents Beijing Center prepared for the application for the tentative list of world natural heritage and dual natural and cultural heritage were submitted to UNESCO after being approved by the Urban-Rural Development of the People's Republic of China. The documents were prepared for 5 sites, including Guancen-Luya Mountain, Taihang Mountain, Qinghai Lake, the Coast around Boai Gulf and Yellow Sea, Hulun Buir Landscape & Birthplace of Ancient Minority. The Beijing Center plays a key coordinating role and provides a platform for international dialogue in the application process for the above-mentioned sites.

- **Participated in the preparation of the tentative list of China's world natural heritage, including Taihang Mountain dual heritage**
20180914CO-ME-WH Protection, Summit-BJ

On 14 September, the World Heritage Conservation and Development Summit was held in the Chibei District of Changbai Mountain. The summit received wide participation from experts from the World Heritage Expert Committee of National Forest and Grass Bureau, Chinese Academy of Science, Peking University, WHITRAP, and WCPA of IUCN. During the summit, new paths and new insights on the conservation and sustainable management of World Heritage properties were introduced and explored.

The evaluation and classification of this tentative list is carried out with the support of the Ministry of Science and Technology of China, with an aim to devise the national strategy for the nomination of China's world natural heritage. Natural heritage research expert from WHITRAP Beijing Dr. Wen Cheng participated in this to assess the tentative list. Dr. Wen Cheng identified 30 sites with distinctive biological and ecological representation that can highlight the universal values. Among them, 13 sites have yet to be listed as World Heritage. During the summit, the Committee evaluated 9 of the 13 areas. Taihang Mountain and Badain Jaran Desert were appreciated by all of the participating experts. In February 2017, Taihang Mountain had submitted the official tentative list documents to UNESCO. In the meanwhile, the UNESCO Geopark Badain Jaran Desert in western Inner Mongolia that is known for its huge sand dunes and countless small lakes was not yet included in the tentative list. The newly established World Natural Heritage Administration Department under the National Forest and Grass Bureau will continue to push forward the World Heritage application for these sites.

Topic 5: Preparation of Risk Management Standards for World Cultural Heritage Sites

- Research on Principles and Guidelines for Risk Management of World Cultural Heritage, Terminology for Risk Management of World Cultural Heritage and Technical Assessment of Risk Management of World Cultural Heritage (Suzhou Center)

20140000RE-ME-Risk Management Standard-SZ

The research on principles and guidelines for risk management of world cultural heritage was initiated by the State Administration of Cultural Heritage of China, organized and implemented by the National Technical Committee on Protection of Cultural Relics of Standardization Administration of China, and jointly carried out by the Suzhou Center and Chinese Heritage Research Institute. It is specifically divided into three sub-topics: *Principles and Guidelines for Risk Management of World Cultural Heritage*, *Terminology for Risk Management of World Cultural Heritage* and *Technical Assessment of Risk Management of World Cultural Heritage*. China boasts countless diversified World Heritages that are faced with different risks. However, methods and quality of the management deployed are often uneven. Therefore, the research aims to provide a method and standard system for risk management of China's world cultural heritage sites that can be referenced and looked up to. Among the 3 topics, the *Principles and Guidelines* is aimed at providing the overarching philosophy and tasks for heritage site risk management. The *Risk Technology Assessment* is aimed at providing guiding methods for heritage sites to identify risks and assess risk probability and risk level. Both are of paramount importance in risk management. The *Terminology* sets out to provide definition and explanation for specific terms on the risk management of heritage sites.

In April 2017, the preparation work for the three industry standard topics were concluded, including *Principles and Guidelines for Risk Management of World Cultural Heritage*, *Terminology for Risk Management of World Cultural Heritage*

and Technical Assessment of Risk Management of World Cultural Heritage. The 3 topics was originally from the State Administration of Cultural Heritage's 2014 revision plan of the industry standard system for cultural relics protection. The plan was proposed by the State Administration of Cultural Heritage and conducted by the National Technical Committee on Protection of Cultural Relics of Standardization Administration. The project was mainly carried out by Chinese Heritage Research Institute, with the Suzhou Center and China Institute of Standardization providing support on the research and preparation. Apart from collecting and sorting out relevant works, papers, charters and documents on risk management of world cultural heritage at home and abroad, the research group also conducted on-site investigations and studies on the risk status of various types of world cultural heritage sites across China. Through analysis, general philosophy, methods and terminology for risk management of world cultural heritage sites were proposed. Expert insights were solicited extensively, through holding multiple expert symposiums that invited experts from inside and outside of the industry. After repeated revisions, the final works were gradually improved, and the standards were finally in shape.

- **Prepared the 2016 Suzhou Classical Gardens Monitoring Report (Suzhou Center)**

20170200RE-ME-Suzhou Gardens,Report-SZ

In February 2017, the Suzhou Center completed the preparation work for the *2016 Suzhou Classical Gardens Monitoring Report* and has submitted it to Chinese Heritage Research Institute. This report is an annual monitoring report based on UNESCO's *Convention for the Protection of World Cultural and Natural Heritage, Guidelines for the Operation of the Convention for the Protection of World Cultural and Natural Heritage* and the *Specific Work Requirements of China's Measures for the Monitoring and Inspection of World Cultural Heritage* and *Suzhou's Rules for the Monitoring and Management of Classical Gardens* as well as relevant documents such as the *World Heritage Statement of Outstanding Universal Value* and the second

round of periodic reports on the *Implementation of the Convention for the Protection of World Cultural and Natural Heritage*. Combined with the World Heritage Monitoring Platform Index from the Chinese Heritage Research Institute, the monitoring information collected from the protection and management of Suzhou classical gardens is summarized and analyzed to formulate a report that can provide reference for decision-making on the protection and management of Suzhou classical gardens. The main sources of the data come from: firstly, the dynamic information system and the early warning monitoring system for the world cultural heritage, Suzhou classical gardens; secondly, the garden management office for the 9 gardens listed in the World Heritage list.

Topic 6: Guidelines for the Protection, Restoration and Environmental Management of Traditional Dwellings in Pingyao Ancient City and Practical Guidelines

In 2011, UNESCO and the People's Government of Pingyao County jointly launched the "Protection of Traditional Dwellings in Pingyao Ancient City" project. The project aims to formulate two guidelines for the protection of the ancient city, including the *Guidelines for the Protection, Restoration and Environmental Management of Traditional Dwellings in Pingyao Ancient City* designed for management authorities and professional teams, and the *Practical Guidelines for the Protection, Restoration and Environmental Governance of Traditional Dwellings in Pingyao Ancient City* designed residents. The project is jointly funded by the China Huaxia Cultural Heritage Foundation and the Global Cultural Heritage Foundation. As for the two guidelines, they are prepared and edited by Tonji University.

- **Prepared the *Guidelines for the Protection, Restoration and Environmental Management of Traditional Dwellings in Pingyao Ancient City and Practical Guidelines (Beijing Center and Shanghai Center)***

20140600RE-ME-Pingyao,Guideline-SH

20150800RE-ME-Pingyao,Guideline-SH&BJ

In June 2014, the *Guidelines for the Protection, Restoration and Environmental Management of Traditional Dwellings in Pingyao Ancient City* was released in Pingyao Ancient City. The publication represents 3 years of tireless studies and preparation. After the release, a training meeting was immediately organized to distribute the *Guidelines* to local residents, and raise awareness on heritage protection. The study was jointly initiated by UNESCO and the People's Government of Pingyao County in 2012. With the support of the China Huaxia Cultural Heritage Foundation and the Global Cultural Heritage Foundation, Tongji University and the International Expert Team of the Shanghai Center jointly wrote the *Guidelines* to help navigate the maintenance of private traditional dwellings in Pingyao Ancient City that are residential properties or are owned by other stakeholders.

In August 2015, its companion piece the *Practical Guidelines for the Protection, Restoration and Environmental Governance of Traditional Dwellings in Pingyao Ancient City* was officially released at Peking University, followed by an expert seminar. The release conference and expert symposium was jointly organized by UNESCO, the People's Government of Pingyao County, the Shanghai Center and the Beijing Center, and were hosted by Beijing University's Cultural Heritage Protection Research Center and Pingyao County's Urban and Rural Planning Bureau. The Beijing Center is specifically responsible for holding the conference. The *Practical Guidelines* is a simplified version specially prepared for local residents, and it provide visual graphics to illustrate the concepts. It aims to provide local residents with knowledge on the requirements and standards for the renovation of traditional dwellings, as well as the procedures that need to be run through before the renovation. At the same time, it also provides diversified methods for the protection and restoration of traditional dwellings, and puts forward standards and suggestions for the materials to restore the buildings.

(3) Cooperation and Exchange

Over the years, WHITRAP has established profound cooperation with many domestic and foreign institutions and experts, enterprises, world prominent scholars and World Heritage host countries, while also engaging in extensive academic exchange. Through the integration of resources and advantages, the research and training work of WHITRAP has been effectively implemented and promoted.

From 2014 to 2018, WHITRAP continued to extend its cooperation network, and exhibited its strength on resource integration in the Asian-Pacific region and globally.

Topic 1: International Cooperation Based on HUL

- **Signed memorandum of cooperation on HUL research and pilot projects with towns in several contracting states (Shanghai Center)**

In 2014, the HUL research team formed by the Shanghai Center and Tongji University's Institute of Architecture and Urban Rural Planning, shortlisted some cities to implement the pilot project, including 6 cities and towns in the Asian-Pacific region (Rawalpindi, Pakistan; Varanasi-Hyderabad-Ajmer Puska, India; Barratt, Australia; Shanghai, China; Tongli, China; Jakarta, Indonesia), and 3 pilot cities and towns in other regions (Edmonton, Canada; Cuenca, Ecuador; and Puliwerno, Italy). The selected towns cover 5 contracting states in the Asian-Pacific region and 3 contracting states in other regions. The selection has laid a solid foundation for the promotion and application of HUL concept and approach in the World Heritage Convention contracting states. The relevant HUL research, cooperation and activities carried out on this basis will also directly bring positive impact to these contracting states.

In February 2015, the Shanghai Center, Edmonton City from Canada, Strathcona Foundation from Canada, and ICOMOS Canada jointly signed a memorandum of cooperation on the application of HUL approach to carry out joint research on HUL application, including adopting HUL approach to conduct research, analysis, interpretation, and evaluation of the characteristics and values of the heritage, Old Strathcona, covering both tangible heritage and intangible heritage. This collaboration marks an effort to accelerate the progress of urban heritage protection and development, ultimately, making urban management more effective.

In March 2015, under the leadership of the Shanghai Center, Tongli Ancient Town (China) signed a memorandum of cooperation with the and Priverno City (Italy) to carry out a comparative study on the application of HUL approach. In September

of the same year, the Shanghai Center and the Italian National Research Council-Institute for the Protection and Utilization of Cultural Assets continued to expand the scope of the cooperation. Two memorandums of cooperation were signed respectively with three Chinese and Italian local governments (Tongli Ancient Town, China, Palestrina City, Italy, and Castel San Pietro Romano Castle, Italy) and one regional institution (Lazio Innovation Agency, Italy) and one university (Tor Vergata, Italy) to promote the sustained application of HUL research results. Moreover, with a focus on the application of HUL approach in historical towns, the collaboration helped promote the sustainable development of regional economy, while paying close attention to the protection of local heritage, landscape and local identity. At the same time, China and Italy was encouraged to exchange best HUL training and public participation cases.

In May 2015, the local government of Cuenca, Ecuador, and the Shanghai Center signed a memorandum of cooperation on the application of HUL approach. On this basis, the two sides carried out joint research, and organized the "Cuenca HUL Application Outlook Conference" themed around community consultation and result announcement. In addition, from August to September of the same year, the Shanghai Center co-hosted and planned 8 online lectures and 5 local lectures with local experts, providing training for a total of 45 officials from local governmental officials and urban planning professionals.

- **Held 5 special international academic conferences on topics including Sino-US Joint Design (Shanghai Center)**

In June 2014, the Shanghai Center and the Department of Economics of the University of Pennsylvania jointly planned and organized a joint design course for the first time. As a part of the HUL research project, experts from China and the United States and the HUL research team led 20 graduate students from the University of Pennsylvania and Tongji University to work out a *Conservation and*

Development Strategy for the 8 lane blocks along the Suzhou River in Hongkou Region.

In December 2014, the "International Symposium on Historic Urban Landscape (HUL)" organized by the Shanghai Center was held. It marks the first large-scale international academic exchange conference after the small-scale expert seminar and research project officially launched in 2012. With an aim to promote and apply HUL approach, it seeks to establish a bigger platform for cooperation and exchange. During the meeting, the Shanghai Center initiated the establishment of the HUL Project International Scientific Committee, and discussed and drafted the *Implementation of Historic urban landscape in China- Shanghai Agenda*, aiming at providing continued professional guidance and support for HUL research and application in China.

In addition, the Shanghai Center had actively cooperated with relevant government departments and universities in pilot cities to hold HUL project seminars and special lectures. In March 2014, the Shanghai Center cooperated with the American Planning Association and the Canadian International Council for Monuments and Sites to hold the Conference on HUL Application in Canada and Related Matters, attracting more than 50 experts from local governments, research institutions and universities. In September 2014, the Shanghai Center cooperated with the University of Cuenca in Ecuador to hold the "Conference on HUL and its Feasibility", attracting about 60 experts, scholars and government officials in this field to participate. In 2014, Doctor Ron van OERS, head of the HUL program at the Shanghai Center, was also invited to give a lecture on "HUL's Practical Application in China" at the University of Melbourne, Australia, and around 200 teachers and students attended the lecture.

- **Co-hosted the International Expert Meeting on *The Implementation of UNESCO Historic Urban Landscape Recommendation*, and helped published *Built Heritage* special edition**

20180326CO-HI-HUL,Implementation, Seminar-SH

The International Expert Meeting on the Implementation of the UNESCO Historic Urban Landscape Recommendation took place from March 26 to March 28, 2018, at WHITRAP Shanghai. It was chiefly organized by Tongji University, and it received coordinated effort from UNESCO, WHITRAP Shanghai and Hongkou District Government. Additional support was given by the Tongji Urban Planning and Design Institute (TJUPDI). The meeting was built upon WHITRAP Shanghai's expertise on Historic Urban Landscape (HUL) related research. 36 experts from around the world gathered at WHITRAP Shanghai and addressed 3 specific issues concerning the implementation of HUL approaches; namely, the scale (from small settlements to metropolises), the different variety of urban landscape (from walled city to modern heritage), and the growing correlation between urban setting, natural environment, climate change and intangible heritage.

The seminar pointed out that the "gap" amongst cultural heritage, natural heritage and material heritage and non-material heritage is essentially an "institutional" problem, because these elements are inherently embedded in communities, especially in Asian communities. Therefore, adopting *HUL Recommendation* approach to cope with Asia settlements and landscapes that are constantly changing seems more important.

Participants also unanimously stressed the need to develop a flexible "tool" that can incorporate different academic and practical experience gained in the past few years to promote the implementation of the *HUL Recommendation*. The intricacy and complexity of HUL approach and its relations with the research, planning practice, policy framework and sustainable development aspects may limit its practical impact and reduce it to an aloof intellectual and conceptual term. However, the *Recommendation* was conceived as a "practical" tool to support communities and cities in managing their heritage resources in a dynamic and ever-changing environment. To highlight this important "practical" function, participants proposed that new tools should to be developed. Through discussion, it was also pointed out that the "traditional" manual form may not be as applicable under the current climate,

and better results may be achieved through adopting a more interactive and dynamic form. However, it is still essential to provide the latest update and diversified cases for reference. In the next few months, the UNESCO World Heritage Center will help develop this new tool with the support from the participating experts

Based on the result of this international expert meeting, WHITRAP Shanghai assisted *Built Heritage* journal on publishing a special issue on HUL (2018 vol.4). This publication contained 9 papers on the subject matter, involving content regarding natural and cultural landscape, urban designers and communities, intangible cultural heritage, digital innovative platform, conceptualization of urban heritage, and so on.

Concurrently, on 26 March 2018, “Hongkou-Creek Area Research Programme” Special Session was hosted at WHITRAP Shanghai. During the event, the Government of Hongkou District was awarded a Certificate of Appreciation in Urban Heritage Conservation by UNESCO. Moreover, Hongkou-Creek Area was designated as the site for Historic Urban Landscape Pilot Project. As an experiment on urban conservation and regeneration, the HUL in Hongkou-Creek Area will receive support from the Government of Hongkou District. In order to achieve a virtual cycle between the balance of urban conservation and regeneration, the region leans on urban planning methods. Apart from improving the regional planning proposal, it strives to set the agenda for different projects and operations. In the meantime, discussion on public participation in its investment and operation, and creative policies are entertained. Ultimately, these efforts serve to maintain the balance between urban protection and regional economic growth.

Topic 2: Cooperation with Heritage Sites- Memorandum of Cooperation on Huangshan Mountain

- **Huangshan World Heritage site signed a three-parties agreement on in-depth cooperation (Shanghai Center)**

20150800CO-ME-Huangshan,Cooperation Agreement-SH

20151100CO-LO-Ancient Village,Huangshan,Seminar-SH

In August 2015, the Shanghai Center, Anhui Housing and Urban-Rural Construction Department and Huangshan People's Government signed a memorandum of cooperation on "Cultural Heritage Protection and Sustainable Urban Development" in Huangshan City, Anhui Province, China. Under this cooperation framework, the Shanghai Center will continue to provide technical support for Huangshan city's cultural heritage protection and sustainable urban development in the next 5 years, including capacity-building, academic research, heritage promotion, and application assistance for World Heritage site "ancient villages in southern Anhui". Huangshan People's Government will provide basic support, including office space and supporting service, while Anhui Housing and Urban-Rural Construction Department will focus on the overall protection of the region, especially on Huangshan City's cultural heritage protection and sustainable urban development. Moreover, it will put more effort into providing guidance for cooperation and supporting the reform on relevant policies.

This marks the first time that the Shanghai Center has signed a cooperation agreement with the government of a World Heritage site, demonstrating how the Shanghai Center has been promoting the implementation of the *World Heritage Convention* with "localization" in mind. The Shanghai Center will introduce resources from the Asian-Pacific region and the globe through constructing heritage base, further promote the protection and management of World Heritage in Anhui Province and Huangshan City, and share its experience to the Asian-Pacific region and the world.

In November 2015, the "2015 Chinese-French Symposium on Rural Cultural Heritage-Protection and Development of Ancient Villages in Southern Anhui" was held in Huangshan City, China. The Seminar was jointly sponsored by Anhui Housing and Urban-Rural Construction Department, the Shanghai Center, Urban

Planning Society of China, Huangshan People's Government and the City of Architecture and Heritage in France. During the meeting, experts and scholars from China and France exchanged their practices and achievements in the protection and development of rural heritage, and shared a heated discussion on the hot topic, "developing sustainable tourism"; whether to encourage the development of tourism, how to develop tourism, how to guide the sustainable development of tourism, and the social economic contribution of tourism.

Topic 3: Cooperation Network for Heritage Practitioners in the Asian-Pacific Region

- **Held the 1st Conference on the Cooperation Network for Heritage Practitioners in the Asian-Pacific region**

20181105CO-HI-1STMeeting,Networking,Tongli-SH

The 1st Conference on the Cooperation Network for Heritage Practitioners in the Asian-Pacific region was hosted by WHITRAP Shanghai in Tongli Historic Town, Jiangsu Province from 5 to 8 November 2018. Professor Zhou Jian, Secretary-General of WHITRAP, appointed Gamini Wijesuriya, Special Adviser of WHITRAP, to organize and lead this cooperation network initiative.

Cooperation network in essence refers to uniting and connecting like-minded people and institutions in a meaningful way. WHITRAP proposed to strengthen its cooperation and exchange through initiating the establishment of a cooperation network in order to engage those in the Asian-Pacific region that are interested in heritage conservation. The cooperation network can serve as a useful tool to strengthen the ties between individuals, groups and institutions.

Since WHITRAP was established, it has explicitly defined the establishment of a cooperation network as one of its missions. The cooperation network can play an important role in enhancing the organization's ability to achieve its goals while benefiting heritage practitioners. The construction of the cooperation network can

help the training and research activities in the Asian-Pacific region to be held more evenly, geographically speaking, balance the distribution of World Heritage nominations in the region, create a better management and protection mechanism, raise public awareness on *World Heritage Convention*, and promote international cooperation through the implementation of World Heritage related projects in the region.

WHITRAP's initiative to build the cooperative network aims to facilitate face-to-face dialogues, training activities and different kinds of meetings, and be able to use e-mail and other social media to maintain communication, exchange ideas and share information. Both individuals and public or private organizations can apply to join the cooperation network, and WHITRAP organizes activities related to the cooperation network once a year.

23 participants from 14 countries attended this networking event. We received a wide participation from heritage practitioners, and representatives from our regional partners. The Tongli Conference is consisted of two parts: one is on "Heritage Protection and Management: A Declining Theory?" themed work camp to find differences in theory and practice, and to discuss common problems faced by heritage practitioners in the Asian-Pacific region, and the other one is on the establishment of a management framework for the cooperation network of the Asian-Pacific Heritage Center.

The meeting concluded on the focus of building a management framework for the cooperation network. All the components of the draft were discussed in detail and revised by the experts in terms of the organization names, objectives, potential activities, membership composition, financial resources, governance, working languages, standing committees, and other potential concerns, issues, and benefits. The final version of this framework will be officially released in 2019.

The meeting provided an opportunity to review the current situation of network building in the Asia-Pacific region and to exchange experiences and ideas among

heritage practitioners. With the completion of the proposed regulatory framework, an initial network for both individuals and a consortium of member organizations has already been built. Participants hopes that the network can take steady steps to grow stronger.

(4) Services: Dissemination and Promotion of Information

WHITRAP has always valued the importance of promoting World Heritage concepts and knowledge, and raising awareness, especially among teenagers.

From 2014 to 2018, WHITRAP reaped fruitful results on both aspects of public heritage education and professional heritage education. With over dozens of heritage education events for the youth taking on various creative form, hundreds of lectures were delivered by prominent experts. These events represented WHITRAP's remarkable job in promoting the dissemination of information.

Topic 1: World Heritage Education for the Youth and Public Promotion

To meet the relevant requirements put forward by China on the protection and education of World Heritage, and provide extracurricular activities for young people to participate in practice courses and comprehensive education. The Suzhou Center has always been committed to exploring the possibility of a coordinated development with the aid from all walks of life, and promoting the development of youth education on World Heritage through diversified activities.

- **First World Heritage education activity station and "World Heritage and I" Essay and Photography Competition (Suzhou Center)**
20140700SE-ME-WH,Monitoring Station,Hangzhou-SZ
20140000SE-LO-WH,Photograhny Contest-SZ

In 2014, the "World Heritage and I" essay competition was held by Ancient Building Protection Alliance of Asian-Pacific World Heritage Center and Suzhou World Heritage and Ancient Building Protection Research Association. Both were established under the guidance and support from the Suzhou Center. The competition received more than 860 essays from participants across 22 provinces, cities and autonomous regions. In the meanwhile, Suzhou Photographers Association also collaborated with the event and launched the heritage themed photography contest, receiving over 5,000 photographic works from 361 participants, among which 4,769 submitted works were valid.

In July 2014, the Suzhou Center cooperated with Hangzhou West Lake World Cultural Heritage Monitoring Center to set up the first World Heritage Education Activity Station in Hangzhou. The first pilot project was launched up in Hangzhou Xuejun Middle School. The activity station will hold World Heritage protection lectures, initiate social practice, and offer optional courses. More pilot projects are expected to be carried out in other secondary schools in Hangzhou.

- **Set up "World Heritage Tour" Sanqing Mountain Children's Picture Book Contest, the 11th China World Heritage International Youth Summer Camp, the 3rd Youth Education on World Heritage Development Forum, and 4 education stations for youth on World Heritage (Suzhou Center)**

On 7 April 2015, the "World Heritage Tour" Sanqing Mountain Children's Picture Book Contest kicked off in Beijing. The competition was held by UNESCO China office in China with assistance from the Suzhou Center to encourage young people to explore the aesthetic values, scientific values, cultural values and other values of Sanqing Mountain through stories and to learn more about World Heritage. At the World Heritage and Sustainable Tourism Forum held on the same day, Xue Zhijian, Director of the Suzhou Center, made a special report on youth education and sustainable tourism development. He provided a detailed analysis and presentation on the notable features of the youth and the potential impact on World Heritage sites. He also discussed on how to best utilize the resource provided by the management authority of World Heritage sites, and how to guide the youth to choose sustainable tourism.

From 16 to 17 August 2015, the Suzhou Center jointly organized the 11th China World Heritage International Youth Summer Camp in the Surging Waves Pavillion and Keyuan Garden with Suzhou World Heritage and Ancient Building Protection Research Association, World Heritage Education Professional Committee of Suzhou Education Association and Suzhou Wangshiyuan Park Management Office. The timing of the first batch of *Suzhou Gardens List* being announced coincided with the camp "Visiting the Hidden Suzhou Gardens- Keyuan Garden". The summer camp took the opportunity to teach 14 young participants from Shanghai, Suzhou and Yangzhou about World Heritage and Suzhou Gardens, exploring and practicing new forms and new ideas for World Heritage themed educational summer camps.

On the afternoon of 29 October 2015, the Suzhou Center and Suzhou Education Bureau jointly held the 3rd Youth Education on World Heritage Development Forum

at Suzhou No.1 Middle School. Representatives from 34 World Heritage Youth Education Base in Suzhou attended the forum and explored approaches to best teach World Heritage related knowledge and raise awareness on heritage protection through thorough, in-depth and diversified youth education activities.

On 9 September 2015, the Suzhou Center added "Zhenhu Central Primary School in Suzhou High-tech Zone" and other 3 schools and institutions as "WHITRAP World Heritage Youth Education Base", further expanding the communication and exchange network of World Heritage education in Asian-Pacific region and providing a platform for experts and scholars in the field from different regions. Since 2010, WHITRAP has been committed to continuously developing World Heritage Youth Education Base, and it has constructed up to 70 bases.

- **"Learning about World Heritage from Suzhou Gardens" Summer Camp (Suzhou Center)**

20160826SE-ME-WH,Summer Camp-SZ

On 26 August 2016, the Suzhou Center cooperated with Yiyi Culture and Art Communication (Beijing) Co., Ltd. and Cha Kai Hotel Management College of Sichuan University to hold the summer camp, "Learning About World Heritage from Suzhou Gardens" in the Humble Administrator's Garden. The main objective of this summer camp is to share World Heritage knowledge and inform young people on the protection of World Heritage. Through various forms of activities such as special lectures, garden sketching, ancient poem reading, and interactive games, young participants were able to learn in a fun way and immerse in an environment with rich humanistic value and the philosophy of harmony. Suzhou classical gardens were appreciated from an international perspective. This summer camp has inspired young people to shoulder the responsibility of protecting World Heritage, empowering them as the next generation "Defenders of World Heritage."

- **The Youth English Contest for World Heritage Protection, "Teachers Speak Up" Forum, Painting and Letter Design Event, and "One Garden, One**

World" Summer Camp for Young Garden Designers (Suzhou Center)

In 2017, to commemorate the 20th anniversary of Suzhou Classic Gardens being recognized as a World Heritage, the Suzhou Center and Suzhou Dushuhu Science and Education Development Co., Ltd. jointly organized a Youth English Contest for World Heritage Protection with the theme of "My World Heritage, My Suzhou Gardens". The competition seeks to help middle school students in Suzhou gain a deeper understanding of World Heritage sites in Suzhou and their protection, while raising students' English level and strengthening their world citizen identity.

The Suzhou Center has been actively increasing its cooperation with well-known promotional platforms, and was an active participant of the "Teachers Speak Up" Forum, co-organization by Suzhou Party Committee Propaganda Department and Suzhou Association of Philosophy and Social Sciences. In addition, the event also invited Dan Jixiang, the President of the National Palace Museum, to talk with Suzhou audiences. Through both online and offline outreach and promotion, Suzhou's image has been improved and is now a recognized brand.

In July 2017, the Suzhou Center held the "One Garden, One World" Summer Camp for the teenagers in Suzhou, with a total of 20 primary and secondary school students enrolled. The teachers were recruited from WHITRAP experts. Teaching materials were prepared specifically from teenagers' standpoint and interests in order to better engage the participants. The curriculum was well received, and students all vowed to pay continued attention to the protection of World Heritage, introduce Suzhou classical garden culture to the people around them, and strive to become a "garden designer".

Topic 2: Charity Events and Heritage related Knowledge for Students

- **"City Ring" campus activity for eritage knowledge promotion (Shanghai Center)**

20140000SE-LO-Campus,WH-SH

"City Ring" is a college student voluntary service project for the protection of historical heritage initiated by WHITRAP and in cooperation with Tongji University in 2011. The project sets the precedent of "intergenerational inheritance" mode for heritage education. It insists on the mode of "teachers guiding college students and college students guiding primary and secondary students", and fully incorporates university academic education with social practice. In addition to cultivating young professionals' values, professional ethics, and skills, the training can engage young people in heritage protection, and inspire their passion, creativity and talents for the cause. In the meanwhile, it can engage a wider group of youth to pass down the legacy and promote related concepts.

So far, more than 200 college students have participated in the "City Ring" project, benefiting 2,500 primary and secondary school students. and covering multiple administrative districts in Shanghai City. In 2015, the City Ring project plans to establish a long-term and short-term cooperation relations with social organizations, World Heritage sites and government agencies to promote the sustainable development of the project.

- **Tongji University's graduates summer special social practice program "Research in the Alleys of Jingansi District" and undergraduates charity program on local culture education "Beautiful Nostalgia" (Shanghai Center)**

20150400SE-LO-Shanghai Alley,TJU-SH

20150000SE-L0-Hometown Memory,TJU,Yunnan-SH

In April 2015, the Shanghai Center, together with the Youth League Committee of Tongji University, Shanghai Jingansi Street and Akzo Nobel China (Enterprise), planned and launched a special social practice for Tongji University graduates during summer vacation. The project takes place in Jingansi District in Shanghai City, and focuses on the existing residential communities that has preserved the touch of history. History can be felt in the air around these alleyways. The project aims to explore the evolution and core values of these urban heritages through historical research and architectural research, and explore the existing problems in these traditional communities. Ultimately, the project seeks to reconcile sustainable the development of the people and the city. What's more, the model this project established can be replicated to benefit young students, residents and other urban heritage protection stakeholders through multilateral cooperation.

The Shanghai Center also actively supported Tongji University's undergraduates charity program on local culture education "Beautiful Nostalgia" to carry out a survey of Yunnan's local culture education in Nuodeng Village, Yunnan Province, China, and to set up a "Local Culture Heritage Summer Camp". In early 2015, the team completed the "Yunnan Nuodeng Local Culture Textbook" with a total of 3 volumes. The curriculum is specifically designed for children from Nuodeng Village, an ancient Bai village in western Yunnan with a history of 1,000 years. At the same time, the team also completed the research report "Comprehensive Investigation and Special Project of Local Culture Education in Yunnan Province" and won the special prize competition on the Tongji University preliminary competition of 14th National College Students Extracurricular Academic and Scientific Work Competition.

- **Launched the 1st " Cultural Heritage Promotion Base in Shanghai" (Shanghai Center)**

20160327SE-ME-Culture Heritage,Base,Xintiandi-SH

On March 27, 2016, the opening ceremony of Shanghai "Public Welfare Maker" was held in Shanghai Xintiandi Park. Professor Zhou Jian, the Secretary-General of WHITRAP and the Director of the Shanghai Center, and Liu Zhen, the Director of the Heritage Promotion Project, were invited to attend the opening ceremony and unveil the Shanghai Center's first "Cultural Heritage Promotion Base in Shanghai". The base can effectively promote exchanges and cooperation between WHITRAP and various governmental departments, social organizations, enterprises, communities and individuals that are committed to social innovation, and provide important support for the exploration of social innovation models. The base can also help local communities explore different possibilities.

- **Held the press conference "Paradise Suzhou, The City of 100 Gardens"**

20180807SE-ME-Suzhou City of Hundred Parks-SZ

On the afternoon of 7 August 2018, "Paradise Suzhou, City of 100 Gardens" press conference was hosted by WHITRAP Suzhou and Suzhou Broadcasting and Television General Station in Suzhou. According the three-year action plan of "City of 100 Gardens", 12 key garden restorations and 5 garden opening will be gradually put in place in this year, allowing more gardens to be preserved in better conditions, while encouraging gardens that meet the standard to welcome visitors. To better protect the inheritance of Suzhou Gardens and sustainably pass them on to future generations, the 4th batch of "Suzhou Gardens List" was released at the conference on the basis of the first 3 batches of "Suzhou Gardens List", and the first volunteer team for garden protection was introduced. At the same time, in order to enhance the general public's understanding of the "Paradise Suzhou, City of 100 Gardens", further raise public awareness and promote the social influence of Suzhou as the "City of 100 Gardens". A series of publicity projects were rolled out to promote the

image of the “City of 100 Gardens”. The hand-drawn map of Suzhou Gardens titled, "Map for Paradise Suzhou, City of 100 Gardens", Suzhou promotional film, Suzhou garden travel stamping book, and a garden manual were launched at the conference.

After the press conference, a series of “Paradise Suzhou, City of 100 Gardens” events ensued. The events encapsulated enriching interactive activities, inviting citizens to visit the gardens, experience the value of its rich heritage, and share the result of Suzhou Gardens protection effort. This event further elevated the influence and the reputation of the City of 100 Gardens.

- **Co-organized the Historic City 1946-2000 Exhibition with Tongji University Museum**

20180314SE-ME-22 Cities,Planning Exhibition,Shanghai-SH

The Historic City 1946-2000 Exhibition was an open exhibition to the public that was held on the ground floor of Tongji University Museum, from 14 March to 5 April, 2018. The exhibition was hosted by Tongji University, with additional support from WHITRAP Shanghai and Tongji University Museum. Professor Benno Albrecht and Professor Anna Magrin from Italy, and Anna-Paola Pola from WHITRAP joined hands in curating for this event.

The artifacts being displayed in the exhibition chronicled the urban planning schemes for the preservation of 22 historic cities from all over the world. The most representative drawings in each planning section were translated into Chinese and English, and excerpts of the original planning text were displayed to briefly explain the core concepts of each protection plan. The display for each city included 3D models from a bird's eye view and models of different historical centers. The exhibition concluded with clips from "Heritage Series Short Films" produced by UNESCO and NHK.

(5) Information

WHITRAP has always been dedicated to providing professional information service and communication platforms for institutions and individuals in the Asia and the Pacific region. The functional structure combining “Newsletter — website — Archives — database” has already come into shape, serving as an effective information management platform.

A. Information Platform (website, WeChat, publication)

1. Website

WHITRAP launched its official website <http://www.whitr-ap.org> in Shanghai in 2007, and upgraded it for the first time in 2011. It is currently the only trilingual website (Chinese, English, French) on cultural heritage in China. It is also recommended by UNESCO World Heritage Center and China's UNESCO Committee. Continued efforts will be put in to improve the WHITRAP website in order to aid the institution and relevant personnel's capabilities in World Heritage application, protection, preservation and management in the Asian-Pacific region. The website can also help accelerate the implementation of the *World Heritage Convention* in the Asian-Pacific region, and share global forefront information on World Heritage.

In July 2014, the independent HUL research website was launched (bilingual in Chinese and English, <http://historicurbanlandscape.com>). The website seeks to provide a platform to share HUL ideas, cases, project progress and relevant international documents, meetings and trainings. The HUL website (<http://historicurbanlandscape.com>) managed and operated by WHITRAP, uploaded the MoU signed between the Shanghai Center and South East region of Malta on 20 June 2018, making it a new pilot case of the WHITRAP HUL Pilot Cities Programme. It is worth mentioning that this also marks the first Shanghai Center HUL pilot project in Europe.

2. WeChat Platform

By the end of November 2018, the official WeChat account of WHITRAP had achieved 5623 followers. Compared with 2017, followers increased by 962. Annually, 82 push messages were sent. Moreover, 59 English articles and 60 Chinese articles were uploaded to the official website, receiving 44,659 views.

In order to promote the dissemination of garden culture and the expansion of publicity channels for World Heritage protection, the Suzhou Center has independently launched a smart garden WeChat official account, "Suzhou Garden Protection and Supervision Center". The account releases real-time garden-related information and shares knowledge on world cultural heritage. Since it was launched, it has uploaded over 100 pictures and messages, with an average monthly page view of over 4800. It is dedicated to help Chinese World Heritage up their game on online promotion. Whereas the website pays more attention to originality and timeliness. A special column for the 20th anniversary and a bulletin for temporary activities have been added. The hits the website receives has been growing gradually. Special publicity event for the 20th anniversary was carried out, while a series of promotional cards were designed and distributed. The Spring Festival and China's Natural and Cultural Heritage Day were also incorporated into the cards, and two sets were introduced with each focusing on Suzhou classical gardens introduction and Suzhou classical gardens painting to promote the knowledge of world cultural heritage Suzhou classical gardens, and to inspire the public and the youth on classical gardens.

3. WHITRAP publications

The *WHITRAP Newsletter* (bilingual in Chinese and English) has published a total of 42 issues, with about 1,500 copies were printed for each issue. The digital copy can also be downloaded on WHITRAP website. The publication covers heritage-related news at home and abroad (including news and notices), forefront

theoretical research, practice cases, heritage knowledge, and introduction of institutions, figures and heritage sites, etc. *WHITRAP Newsletter* is widely distributed to heritage sites, governmental units, scientific research institutions, higher education institutions, well-known enterprises and media that are engaged in heritage protection-related works. In 2018, WHITRAP published 4 issues of the *Newsletter* (published in both English and Chinese), and 1500 copies were printed for each issue. The printed version is chiefly mailed and sent to institutions in the Asia and the Pacific region, while the digital version is delivered to a wider global network, especially the heritage sites in the Asia and the Pacific Region. The *Newsletter* effectively provides information for partners and heritage sites on the events held in WHITRAP, building a solid foundation for global cooperation and exchanges.

Since 2014, in addition to the 4 issues each year, WHITRAP have been issuing annual reports in both Chinese and English at the end of each year, briefing on the major works of the year. This report is prepared by the Secretariat by summarizing the information from the three centers. Starting from 2017, the WHITRAP annual report has been revised to combine it with the designing strength of Tongji University. The lasted WHITRAP information management system is also utilized to better present the work WHITRAP has accomplished throughout the year.

From 2016, to strengthen the synergy among the three centers, the Secretariat has utilized the Tongji University's designing strength and launched the WHITRAP new year card. The card is received well. In the future, more designing talents will be recruited to provide better design services for the publicity and expansion of WHITRAP.

B. Library and archive

WHITRAP Library and Archives is situated in the Shanghai Center and is open to the public. By the end of November 2018, 413 books in Chinese and 8 books in foreign languages were added to the library, with the total amount of books reaching

2,642 volumes. The collection includes: more than 1920 volumes of Chinese books, 480 volumes of foreign books, 180 volumes of donated foreign books, 138 outstanding master's theses and 30 outstanding doctor's theses, of which more than 50% of the publications were donated and exchanged by international organizations, friendly nations and regions.

C. Database

Database for small settlements

The database is a project under the framework of the UNESCO International Conference on "Sustainable Cultural Assistance for Cities" (Hangzhou City, China, December 10 to 12, 2015), aiming at promoting the implementation of "Transforming Our World: 2030 Sustainable Development Agenda" and the new results of the 3rd United Nations Conference on Housing and Sustainable Urban Development (Casa Gangotena, October 17 to 20, 2016).

In 2016, WHITRAP officially launched the "Small Settlements Database" research project to construct an open database for small settlements, find shared problems, share experiences and resources in this field, and define the intervention modes. The main objectives of the project are as follows: 1. better understand the planning policies for the environment of small settlements and their surrounding areas in order to formulate conceptual plans for the future; 2. raise awareness of the cultural role of small settlements in the sustainable development of the regional environment; 3. strengthen cooperation among international research institutions to establish a long-term research network in the fields such as urban heritage protection and small town development.

III. Important Events and the Information Coding System for WHITRAP projects (Coding System)

WHITRAP information management system entails a coding system. Every event hosted or held by WHITRAP are allotted a code in order to better manage, edit, categorize, and index daily information. The code reflects 5 key information.

For example, the code for the 2nd International Training Course on Impact Assessments for Heritage is “20141000TR-HI-2NDHIA,Training Course-SH”. Each capitalized letter represents: 20141000 (event starting date), TR(project type: TR for training, RE for research, CO for Cooperation and Exchange, SE for services: the dissemination of information, IN for information), HI(importance: HI for high, ME for medium, LO for low), 2NDHIA,Training Course (project keyword in less than 3 words/phrases), SH(operating body: BJ for Beijing, SZ for Suzhou, SH for Shanghai, SEC for secretariat).

Note: It was devised and launched by the Secretariat in 2018. After half a year of trial operation and debugging by Shanghai Center, it received great results. It will be officially extended to the Three Centers in 2019.

Training			
Time		Name	Coding system code
2014	August	Training Course on "World Heritage Application-BJ" Capacity Building	20140800TR-ME-WH Application, Training Course-SH
	October	The 2nd International Training Course on HIA	20141000TR-HI-2 ND HIA, Training Course-SH ²
	December	Special Training Course on Historic Urban Landscape (HUL)	20141200TR-HI-HUL2014, Training Course-SH
2015	July 3 to 11	Senior Talent Training Course on the Protection and Restoration Technology for Ancient Buildings in the Asian-Pacific Region	20150703TR-ME-Ancient Building 2015, Training Course-SZ
	December	International Training Course on HIA in Asian-Pacific Region	20151200TR-HI-HUL2015, Training Course-SH
2016	June 13 to 19	UNESCO 1 st International Training Course on "World Heritage and Sustainable Tourism"	20160613TR-HI-1STWHST, Training Course-SH
	July 7 to 14	The 7 th "Senior Talent Training Course on the Protection and Restoration Technology for Ancient Buildings in Asian-Pacific Region"	20160707TR-ME-Ancient Building 2016, Training Course-SZ
	August 27 to September 4	The 4 th "Historic Urban Landscape (HUL)- Bridging Cultures" field training	20160827TR-HI-HUL2016, Training Course-SH
	October 18 to 27	The 3 rd International Training Course on HIA	20161018TR-HI-3 RD HIA, Training Course-SH
2017	July 18 to 29	The 8 th "Senior Talent Training Course on the Protection and Restoration Technology for Ancient Building in Asian-Pacific	20170718TR- ME-Ancient Building 2017, Training Course-SZ

²20141000TR-HI-2NDHIA, Training Course-SH is the code of central project launched by the Secretariat. Activities hosted or undertaken by each center all have unified codes for routine management and index, reflecting 5 key information. The meanings of each capital letter are: 20141000 (starting date), TR (project type: TR training, RE research, CO cooperation and exchange, SE services: dissemination and promotion, In information), HI (importance: HI important, ME intermediate, LO common), 2NDHIA, Training Course (project key words, no more than three words/phrases), SH (implementation subject: BJ Beijing, SZ Suzhou, SH Shanghai, SEC The Secretariat)

		Region"	
	September 4 to 6	The World Natural Heritage Wulingyuan Scenic Area Training Course, an UNESCO pilot project on "World Heritage and Sustainable Tourism" in China	20170904TR-ME-WHST, Training Course, Wulingyuan-SH
	October 25 to 26	UNESCO Pilot Project "World Heritage and Sustainable Tourism" in China -World Cultural Heritage: Tusi Site (Hailongtun, Guizhou) Training Course	20171025TR-ME-WHST, Training Course, Hailongtun-SH
	November 20	"Pacific Island Heritage/International Training Course on HIA"	20171120TR-HI-4 TH IHA,FIJI, Training Course-SH
2018	February 6-11	<input type="checkbox"/> Held the 2018 Senior Talent Training Course on the Protection and Restoration Technology for Ancient Buildings in the Asian-Pacific Region-"Lime and Cultural Heritage Protection Practice"	20180206TR-ME-Ancient Building, Training Course-SZ
	October 15-26	<input type="checkbox"/> Jointly held the 5 th International Training Course on HIA with ICCROM	20181015TR-HI-5 TH IAH, Training Course-SH
	November 27 to 30	<input type="checkbox"/> Held the 2018 Asia-Pacific World Heritage Youth Education Seminar	20181127TR-ME-WH Youth Education, Training Course-SZ
	December 4-8	<input type="checkbox"/> Held the 2018 Conservation and Restoration of Ancient Architectures in the Asia-Pacific Region, Advanced Training Courses for High-Level Personnel on the Evaluation and Analysis of Classical Chinese Architecture	20181204TR-ME-Ancient Building Identification, Training Course-SZ

Study			
Time		Name	Coding system code
2014	June	Released <i>Guidelines for the Protection, Repair and Environmental Management of Traditional Dwellings in Pingyao Ancient City</i>	20140600RE-ME-Pingyao,Guideline-SH
		Released the <i>2012 Report of the HUL International Symposium</i>	20140000RE-LI-HULPU2012-SH
		Released the <i>2013 Report of the Domestic Training Course</i>	20140000RE-LN-HULPU2013-SH
		Participated in State Administration of Cultural Heritage's 2014 revision plan of the industry standard system for cultural relics protection.	20140000RE-ME-Risk Management Standard-SZ
	November	Participated in the application of Hohxil in Qinghai for the list of the World Heritage	20141100RE-HI-WH Application,Hohxil-BJ
	December	Published <i>Reconnecting the City: The Historic Urban Landscape Approach and the Future of Urban Heritage</i>	20141200RE-ME-Reconnecting,HUL,Publication-SH
2015	May	"World Heritage and Sustainable Tourism" Series Forum (Sanqingshan, Jiangxi)	20150500RE-HI-WHST,China Pilot Project-SH
	August	Released <i>Practical Guidelines for Protection, Repair and Environmental Control of Traditional Dwellings in Pingyao Ancient City</i>	20150800RE-ME-Pingyao,Guideline-SH&BJ
	November	Prepared and completed the <i>UNESCO World Heritage Sustainable Tourism Manual</i>	20151100RE-ME-WHST Manual,Publication-SH
		<i>Translated HUL's English monograph Historic Urban Landscape: Managing Heritage in an Urban Century</i>	20150000RE-ME-HUL,Landscape,Publication-SH
		Cooperated with Suzhou University to launch the prepared of <i>Operation Guideline for Youth Education on World Heritage</i>	20150000RE-HI-WH,Youth Education,Guideline-SZ

		Followed up the protection of Dali Dong Village in Rongjiang County, Guizhou Province	20150000RE-L0-Protection,Rongjiang-BJ
		Participated in the application and proposal of the major project of the National Social Science Fund in 2015 (the second batch), "Research on the Protection and Utilization of Traditional Villages of Ethnic Minorities in Southwest China"	20150000TR-L0-Southwestern China-BJ
2016	June 7	Released the <i>Implementation Guideline for Historic Town Landscape (HUL) Approach</i>	20160607RE-ME-HUL Guideline,Publication-SH
		Prepared <i>Operation Guideline for Youth Education on World Heritage</i>	20160000RE-HI-WHYOUTHGUIDE-SZ
2017	February	Continued to cooperate with the School of Social Sciences of Suzhou University on the topic of <i>Operation Guideline for Youth Education on World Heritage (Cases)</i> "	20170200RE-ME-WH, Youth Education,Guideline-SZ
	February	Completed the preparation of the <i>2016 Suzhou Classical Gardens Monitoring Report</i>	20170200RE-ME-Suzhou Gardens,Report-SZ
	February	Formally submitted five application documents written by WHITRAP to UNESCO.	20170228RE-ME-WH,5 Application-BJ
	April 5	Signing Ceremony of Pilot Project of UNESCO World Heritage and Sustainable Tourism in China	20170405RE-HI-WHST,China Pilot Project-SH
	April	Completed three research topics of preparing risk management standards for world cultural heritage, including <i>Principles and Guidelines for Risk Management of World Cultural Heritage, Terminology for Risk Management of World Cultural Heritage and Technical Assessment of Risk Management of World Cultural Heritage</i>	20170400RE-ME-Risk Management Standard-SZ

	June 20 to 30	Successfully completed the first field survey of the pilot project of World Heritage and sustainable tourism in China	20170620RE-ME-WHST,Field Investigation-SH
	July 7	The participating Hohxil World Heritage Project in Qinghai was successfully included in the World Heritage List.	20170707RE-ME-WH Application-BJ
	August 1 to 6	Pilot Project of World Heritage and Sustainable Tourism in China-successfully completed the second visit to Tusi Site in Hailongtun, Guizhou Province	20170801RE-ME-WHST,Hailongtun-SH
	August 10 to 15	Pilot Project of World Heritage and Sustainable Tourism in China-completed successfully the second visit to Wulingyuan	20170810RE-ME- WHST,Wulingyuan-SH
2018	March	Published the book <i>Operationalising the Historical Town Landscape Approach-A Practitioner's View</i>	20180300RE-HI-HUL,Application,Publication-SH
		Pilot Project of World Heritage and Sustainable Tourism in China (2015-2020)	20180000RE-HI-WHST,Wulingyuan,Hailongtun-SH
	September 14	Participated in the study of the tentative list of China's world natural heritage such as Taihang Mountain World Natural and Cultural Heritage	20180914CO-ME-WH Protection,Summit-BJ

Cooperation and Communication			
Time		Name	Coding system code
2014	March	Cooperated with American Planning Association and Canadian ICOMOS to held the "HUL Application in Canada and Its Related Conferences" in Canada	20140300CO-HI-HUL,Canada-SH
	May	Hosted the 4th Annual Coordination Meeting of UNESCO World Heritage Secondary-class Centers	20140500CO-LO-CAT2 Center,Meeting-SH
	June	Organized HUL Research Joint Design Course with Economics Department of University of Pennsylvania	20140600CO-LO-HUL,Pennsylvania-SH
	September	"HUL Conference and its Project Feasibility Discussion"	20140900CO-ME-HUL,Cuenca-SH
	December	"International Symposium on Historic Urban Landscape (HUL)"	20141200CO-ME-HUL,Shanghai-SH
			Signed 6 HUL pilot town projects with contracting states
2015	February	Jointly signed a memorandum of cooperation on the application of HUL approach with Edmonton City of Canada, Strathcona Foundation of Canada and ICOMOS Canada	20150200CO-ME-HUL,Canada-SH
	March	Initiated the signing of HUL cooperation memorandum between Chinese Tongli Ancient Town and Italian Priverona City	20150300CO-ME-HUL,Tongli-SH
	May	Singed the memorandum of cooperation on the application of HUL approach with Ecuador's Cuenca Government.	20150500CO-ME-HUL,Cuenca-SH
	August	Signed a tripartite agreement on deep cooperation with Anhui Provincial Housing and Urban and Rural Construction Department and	20150800CO-ME-Huangshan,Cooperation-SH

		Huangshan People's Government	
	November	2015 Sino-French Symposium on Rural Cultural Heritage-Protection and Development of Ancient Villages in Southern Anhui"	20151100CO-LO-Ancient Village,Huangshan,Seminar-SH
		Two pilot HUL towns in the Asian-Pacific region and two pilot HUL towns in other regions had been newly selected together with three contracting states.	20150000CO-ME-HUL,4 Cites-SH
2018	March 26 to 28	Co-hosted the international expert seminar on the implementation of UNESCO's <i>Proposal on Historic Urban Landscape (HUL)</i> and helped launch a special HUL thematic issue, Built Heritage	20180326CO-HI-HUL,Implementation, Seminar-SH
	November 5 to 8	Held the first meeting on building a cooperation network for heritage practitioners in the Asian-Pacific region	20181105CO-HI-1STMeeting,Networking,Tongli-SH

Service: Dissemination and Promotion			
Time		Name	Coding system code
2014	July	Set up the first World Heritage education activity station	20140700SE-ME-WH,Monitoring Station, Hangzhou-SZ
		"World Heritage and I" Essay and Photography Contest	20140000SE-LO-WH,Photography Contest-SZ
		Initiated "City Ring" Volunteering Activity of the College Students for Historical Heritage Protection	20140000SE-LO-Campus,WH-SH
2015	April 7	"World Heritage Tour" Sanqingshan Children's Picture Book Contest	20150407SE-LO-Drawing, Sanqingshan-SZ
	April	Planned " Research in the Alleys of Jingansi District" Summer Special Social Practice for Tongji University Graduates	20150400SE-LO-Shanghai Alley, TJU-SH
		Supported "Beautiful Nostalgia" on Local Culture Education for Tongji University College Students	20150000SE-L0-Hometown Memory, TJU, Yunnan-SH
	August 16 to 17	The 11 th China World Heritage International Youth Summer Camp	20150816SE-ME-11 TH Youth Camp, WH-SZ
	September 9	Added four new schools and institutions into "WHITRAP's Bases of Youth Education on World Heritage"	20150909SE-LO-WH Education,4 Base-SZ
	October 29	3 rd Development Forum of Youth Education on World Heritage	20151029SE-L0-3 RD WH Youth Forum-SZ
2016	March 27	Opening ceremony of "Shanghai Cultural Heritage Promotion Base" in Shanghai Xintiandi Park for Charity	20160327SE-ME-Culture Heritage, Base, Xintiandi-SH
	August 26	"Learning About World Heritage from Suzhou Gardens" Summer	20160826SE-ME-WH, Summer Camp-SZ

		Camp (Suzhou Center)	
2017	June10	Co-organized the "Teachers Speak Up" Forum	20170610SE-ME-Teacher,Forum-SZ
	July	"One Garden, One World" Summer Camp for Young Garden Designers	20170700SE-LO-Summer Camp-SZ
	November 5	"My World Heritage, My Suzhou Gardens" English Speech Contest for World Heritage Protection	20171105SE-ME-Youth English-SZ
2018	March 14 to April 15	<input type="checkbox"/> Co-organized the Historic City 1946-2000 Exhibition with Tongji University Museum	20180314SE-ME-22 Cities,Planning Exhibition,Shanghai-SH
	August 7	<input type="checkbox"/> Held the press conference "Paradise Suzhou, The City of 100 Gardens"	20180807SE-ME-Suzhou City of Hundred Parks-SZ

IV. WHITRAP Institutional Framework and Staff (Updated to December 2018)

1. Institutional framework



2. WHITRAP Staff

The Secretariat

Secretary-General

Zhou Jian

Deputy Secretary-General

Li Xin

Project Assistant

Wang Tianxiang

The Shanghai Center

Director	Zhou Jian
Executive Director	Shao Yong
Deputy Director	Lu Wei
Deputy Director	Simone Ricca , Li Xi
Special Adviser	Gamini Wijesuriya
Project Manager	Marie-Noel Tournoux
Director Planner	Anna-Paola POLA
Project Commissioner	Li Hong , Liu Zhen, Pei Jieting, Luo Xi
Project Assistant	Zhou Jiyun, Zhang Zhuo

Beijing Center

Director	Lv Zhi
Deputy Director	Sun Hua, Wu Xiaohong,

Chen Yaohua,

Li Dihua,

Cai Mantang

Suzhou Center

Director Qian Yucheng

Deputy Director Zhu Haijun,

Cao Fengjiao

Office Director Jiang Yiqin

Director of Training Department Wang Qintiao

Director of Monitoring Department Shi Chunyu

Office Wu Jing

Yan Yunyue

Zhao Xuan

Training Department Jin Yifan,

Lin Lin

Monitoring Department Zhang Yujun