

1. World Heritage Property Data

1.1 - Name of World Heritage Property

Comment

Peking Man Site at Zhoukoudian

1.2 - World Heritage Property Details

Comment

People's republic of China, Cultural Heritage, 449, 1987

1.3 - Geographic Information Table

Comment

Name Peking Man Site at Zhoukoudian
Coordinates(longitude/latitude) N115.52'19_E39.39'31
Property(ha) 480 Buffer Zone(ha) 888 Total(ha) 1368
Inscription year 1987 The detailed information will be available on the retrospective inventory.

1.4 - Map(s)

Comment

The retrospective inventory will be submitted to the World Heritage Center before February 2012.

1.5 - Governmental Institution Responsible for the Property

Comment

Beijing Municipal Administration of Cultural Heritage No.36
Fuxue Hutong, Dongcheng District, Beijing 010_64032023
010_64074377 das@bjwww.gov.cn

1.6 - Property Manager / Coordinator, Local Institution / Agency

Comment

YANG Haifeng, Administration Office of Peking Man Site at Zhoukoudian No.1 Zhoukoudian Street, Fang Shan District, Beijing, China 010-69301080 010-69301080
Liyang_800128@126.com

1.7 - Web Address of the Property (if existing)

Comment

WWW.ZKD.CN Patrimonium-mundi.org visit this site in panoramic photographs - immersive and interactive spherical images

1.8 - Other designations / Conventions under which the property is protected (if applicable)

Comment

no other designation/convention

2. Statement of Outstanding Universal Value

2.1 - Statement of Outstanding Universal Value / Statement of Significance

Comment

the retrospective statement of outstanding universal value has been submitted to the World Heritage Center for examination in before February 2011.

2.2 - The criteria (2005 revised version) under which the property was inscribed

Comment

iii, vi

2.3 - Attributes expressing the Outstanding Universal Value per criterion

III from the Ape Man Cave, Upper Cave and other 23 fossil localities consisting of Zhoukoudian Sites and relevant environment. VI a large number of papers, monographs and other literature and documentation for excavation and research.

2.4 - If needed, please provide details of why the Statement of Outstanding Universal Value should be revised

none

2.5 - Comments, conclusions and / or recommendations related to Statement of Outstanding Universal Value

none

3. Factors Affecting the Property

3.14. Other factor(s)

3.14.1 - Other factor(s)

no

3.15. Factors Summary Table

3.15.1 - Factors summary table

	Name	Impact				Origin
3.1	Buildings and Development					
3.1.3 Industrial areas						
3.1.5 Interpretative and visitation facilities						
3.2	Transportation Infrastructure					
3.2.1 Ground transport infrastructure						
3.4	Pollution					
3.4.2 Ground water pollution						
3.4.3 Surface water pollution						
3.4.4 Air pollution						
3.4.5 Solid waste						
3.6	Physical resource extraction					
3.6.2 Quarrying						
3.7	Local conditions affecting physical fabric					
3.7.1 Wind						
3.7.7 Pests						
3.8	Social/cultural uses of heritage					
3.8.5 Identity, social cohesion, changes in local population and community						
3.12	Invasive/alien species or hyper-abundant species					
3.12.2 Invasive/alien terrestrial species						
3.13	Management and institutional factors					
3.13.1 Low impact research / monitoring activities						
3.13.3 Management activities						
Legend	Current	Potential	Negative	Positive	Inside	Outside

3.16. Assessment of current negative factors

3.16.1 - Assessment of current negative factors

	Spatial scale	Temporal scale	Impact	Management response	Trend
3.1	Buildings and Development				
3.1.3 Industrial areas	localised	one off or rare	minor	high capacity	decreasing
3.2	Transportation Infrastructure				
3.2.1 Ground transport infrastructure	localised	on-going	minor	high capacity	decreasing
3.4	Pollution				
3.4.2 Ground water pollution	extensive	one off or rare	minor	high capacity	decreasing
3.4.3 Surface water pollution	localised	on-going	minor	high capacity	decreasing
3.4.4 Air pollution	widespread	one off or rare	minor	high capacity	decreasing
3.4.5 Solid waste	localised	one off or rare	minor	high capacity	decreasing
3.6	Physical resource extraction				
3.6.2 Quarrying	localised	on-going	minor	high capacity	decreasing
3.7	Local conditions affecting physical fabric				
3.7.1 Wind	widespread	one off or rare	minor	high capacity	decreasing
3.7.7 Pests	localised	on-going	minor	high capacity	decreasing
3.12	Invasive/alien species or hyper-abundant species				
3.12.2 Invasive/alien terrestrial species	localised	on-going	minor	high capacity	decreasing

3.17. Comments, conclusions and / or recommendations related to factors affecting the property

3.17.1 - Comments

"Conservation Plan for the Zhoukoudian Site has been approved by the Government and being implemented, above mentioned negative factors are gradually weakened.

4. Protection, Management and Monitoring of the Property

4.1. Boundaries and Buffer Zones

4.1.1 - Buffer zone status

There is a buffer zone

4.1.2 - Are the boundaries of the World Heritage property adequate to maintain the property's Outstanding Universal Value?

The boundaries of the World Heritage property are **adequate** to maintain the property's Outstanding Universal Value

4.1.3 - Are the buffer zone(s) of the World Heritage property adequate to maintain the property's Outstanding Universal Value?

The buffer zones of the World Heritage property **do not limit** the ability to maintain the property's Outstanding Universal Value **but they could be improved**

4.1.4 - Are the boundaries of the World Heritage property known?

The boundaries of the World Heritage property are known by the management authority but **are not known by local residents / communities / landowners.**

4.1.5 - Are the buffer zones of the World Heritage property known?

The buffer zones of the World Heritage property are known by the management authority but **are not known by local residents / communities/landowners.**

4.1.6 - Comments, conclusions and / or recommendations related to boundaries and buffer zones of the World Heritage property

none

4.2. Protective Measures

4.2.1 - Protective designation (legal, regulatory, contractual, planning, institutional and / or traditional)

Comment

According to the Law of the People's Republic of China on the Protection of Cultural Relics published in 1961, the site was listed as a State Priority Protected Cultural Heritage Site.

4.2.2 - Is the legal framework (i.e. legislation and / or regulation) adequate for maintaining the

Outstanding Universal Value including conditions of Integrity and / or Authenticity of the property?

An adequate legal framework for the maintenance of the Outstanding Universal Value including conditions of Authenticity and / or Integrity of the World Heritage property exists but there are **some deficiencies in implementation**

4.2.3 - Is the legal framework (i.e. legislation and / or regulation) adequate in the buffer zone for maintaining the Outstanding Universal Value including conditions of Integrity and / or Authenticity of the property?

The legal framework for the maintenance of the Outstanding Universal Value including conditions of Authenticity and / or Integrity of the World Heritage property provides an **adequate or better basis** for effective management and protection

4.2.4 - Is the legal framework (i.e. legislation and / or regulation) adequate in the area surrounding the World Heritage property and buffer zone for maintaining the Outstanding Universal Value including conditions of Integrity and / or Authenticity of the property?

The legal framework for the area surrounding the World Heritage property and the buffer zone provides an **adequate or better basis** for effective management and protection of the property, contributing to the maintenance of its Outstanding Universal Value including conditions of Authenticity and / or Integrity

4.2.5 - Can the legislative framework (i.e. legislation and / or regulation) be enforced?

There is **excellent** capacity / resources to enforce legislation and / or regulation in the World Heritage property

4.2.6 - Comments, conclusions and / or recommendations related to protective measures

none

4.3. Management System / Management Plan

4.3.1 - Management System

Comment

Under the administration office of Peking Man Site at Zhoukoudian sets up the office party, the inheritance department, the social education department, the Logistics department, the security department, the exhibition department, working together for site management, protection, presentation and popular science education.

4.3.2 - Management Documents

Comment

Protection Measures for the Zhoukoudian Site and Conservation Plan for the Zhoukoudian Site

4.3.3 - How well do the various levels of administration (i.e. national / federal; regional / provincial / state; local / municipal etc.) coordinate in the management of the World Heritage Property?

There is **excellent coordination** between all bodies / levels involved in the management of the property

4.3.4 - Is the management system / plan adequate to maintain the property's Outstanding Universal Value ?

The management system / plan is **fully adequate** to maintain the property's Outstanding Universal Value

4.3.5 - Is the management system being implemented?

The management system is **only partially** being implemented

4.3.6 - Is there an annual work / action plan and is it being implemented?

An annual work / action plan exists and **most or all activities** are being implemented and monitored

4.3.7 - Please rate the cooperation / relationship with World Heritage property managers / coordinators / staff of the following

Local communities / residents	Good
Local / Municipal authorities	Good
Indigenous peoples	Non-existent
Landowners	Good
Visitors	Good
Researchers	Good
Tourism industry	Good
Industry	Good

4.3.8 - If present, do local communities resident in or near the World Heritage property and / or buffer zone have input in management decisions that maintain the Outstanding Universal Value?

Local communities have **no input** into decisions relating to the management

4.3.9 - If present, do indigenous peoples resident in or regularly using the World Heritage property and / or buffer zone have input in management decisions that maintain the Outstanding Universal Value?

No indigenous peoples are resident in or regularly using the World Heritage property and / or buffer zone

4.3.10 - Is there cooperation with industry (i.e. forestry, mining, agriculture, etc.) regarding the management of the World Heritage property, buffer zone and / or area surrounding the World Heritage property and buffer zone?

There is contact but only **some cooperation** with industry regarding the management of the World Heritage property, buffer zone and / or area surrounding the World Heritage property and buffer zone

4.3.11 - Comments, conclusions and / or recommendations related to human resources, expertise and training

none

4.3.12 - Please report any significant changes in the legal status and / or contractual / traditional protective measures and management

arrangements for the World Heritage property since inscription or the last Periodic report

the cooperation between government and research institution has been strengthened in management of the site. Related research institution plays a more active and important role now.

4.4. Financial and Human Resources

4.4.1 - Costs related to conservation, based on the average of last five years (relative percentage of the funding sources)

Multilateral funding (GEF, World Bank, etc)	0%
International donations (NGO's, foundations, etc)	0%
Governmental (National / Federal)	15%
Governmental (Regional / Provincial / State)	30%
Governmental (Local / Municipal)	45%
In country donations (NGO's, foundations, etc)	0%
Individual visitor charges (e.g. entry, parking, camping fees, etc.)	10%
Commercial operator payments (e.g. filming permit, concessions, etc.)	0%
Other grants	0%

4.4.2 - International Assistance received from the World Heritage Fund (USD)

Comment

none

4.4.3 - Is the current budget sufficient to manage the World Heritage property effectively?

The available budget is **acceptable** but could be further improved to fully meet the management needs

4.4.4 - Are the existing sources of funding secure and likely to remain so?

The existing sources of funding **are secure** in the medium-term and planning is underway to secure funding in the long-term

4.4.5 - Does the World Heritage property provide economic benefits to local communities (e.g. income, employment)?

Potential economic benefits are recognised and plans to realise these are being developed

4.4.6 - Are available resources such as equipment, facilities and infrastructure sufficient to meet management needs?

There are **adequate** equipment and facilities

4.4.7 - Are resources such as equipment, facilities and infrastructure adequately maintained?

Equipment and facilities are **well maintained**

4.4.8 - Comments, conclusion, and / or recommendations related to finance and infrastructure

no

4.4.9 - Distribution of employees involved in managing the World Heritage property (% of total)

Full-time	100%
Part-time	

4.4.10 - Distribution of employees involved in managing the World Heritage property (% of total)

Permanent	100%
Seasonal	

4.4.11 - Distribution of employees involved in managing the World Heritage property (% of total)

Paid	100%
Volunteer	

4.4.12 - Are available human resources adequate to manage the World Heritage property?

A range of human resources exist, but these are **below optimum** to manage the World Heritage Property.

4.4.13 - Considering the management needs of the World Heritage property, please rate the availability of professionals in the following disciplines

Research and monitoring	Fair
Promotion	Fair
Community outreach	Not applicable
Interpretation	Fair
Education	Fair
Visitor management	Fair
Conservation	Good
Administration	Fair
Risk preparedness	Not applicable
Tourism	Fair
Enforcement (custodians, police)	Fair

4.4.14 - Please rate the availability of training opportunities for the management of the World Heritage property in the following disciplines

Research and monitoring	High
Promotion	High
Community outreach	High
Interpretation	High
Education	High
Visitor management	Low
Conservation	High
Administration	Low
Risk preparedness	High
Tourism	High
Enforcement (custodians, police)	Low

4.4.15 - Do the management and conservation programmes at the World Heritage property help develop local expertise?

A capacity development plan or programme is in place and **partially implemented**; some technical skills are being transferred to those managing the property locally **but most of the technical work is carried out by external staff**

4.4.16 - Comments, conclusions and / or recommendations related to human resources, expertise and training

none

4.5. Scientific Studies and Research Projects

4.5.1 - Is there adequate knowledge (scientific or traditional) about the values of the World Heritage property to support planning, management and decision-making to ensure that Outstanding Universal Value is maintained?

Knowledge about the values of the World Heritage property is **sufficient**

4.5.2 - Is there a planned programme of research at the property which is directed towards management needs and / or improving understanding of Outstanding Universal Value?

There is a **comprehensive, integrated programme of research**, which is relevant to management needs and / or improving understanding of Outstanding Universal Value

4.5.3 - Are results from research programmes disseminated?

Research results are **shared widely** with the local, national and international audiences

4.5.4 - Please provide details (i.e. authors, title, and web link) of papers published about the World Heritage property since the last Periodic Report

Haifeng Yang Report about Systematic Investigation and Documentation of 27 Fossil Localities of Zhoukoudian Site
Haowen Tong Selective Gnawing on Bones by Porcupines and Other Rodents: A Case Study of the Tianyuan cave
Haowen Tong Mammalian Fossils of Late Pleistocene of the West Taiping Cave, Shidu, Fangshan, Beijing
Xiaoli Li Rural Development and Filling Sequence of Zhoukoudian Site
Shuangquan Zhang Archaeological Research in the Fauna Taphonomy
Guanjun Shen Age of Zhoukoudian Homo Erectus Determined with $^{26}\text{Al}/^{10}\text{Be}$
Xing Gao Visiting Peking Man at Zhoukoudian Again
Xiaoli Li MIS3 Stage of Living Environment of Ancient Human of Tianyuan Cave at Zhoukoudian
Yaowu Hu Stable Isotope Dietary Analysis of the Tianyuan 1 Early Modern Human
Le Zhang Discussion about the Living Environment of Peking Man

4.5.5 - Comments, conclusions and / or recommendations related to scientific studies and research projects

none

4.6. Education, Information and Awareness Building

4.6.1 - At how many locations is the World Heritage emblem displayed at the property?

In **many locations and easily visible** to visitors

4.6.2 - Please rate the awareness and understanding of the existence and justification for inscription of

the World Heritage property amongst the following groups

Local communities / residents	Non-existent
Local / Municipal authorities within or adjacent to the property	Excellent
Local Indigenous peoples	Non-existent
Local landowners	Non-existent
Visitors	Excellent
Tourism industry	Excellent
Local businesses and industries	Non-existent

4.6.3 - Is there a planned education and awareness programme linked to the values and management of the World Heritage property?

There is a **limited and ad hoc** education and awareness programme

4.6.4 - What role, if any, has designation as a World Heritage property played with respect to education, information and awareness building activities?

World Heritage status has been an **important influence** on education, information and awareness building activities

4.6.5 - How well is the information on Outstanding Universal Value of the property presented and interpreted?

The Outstanding Universal Value of the property is adequately presented and interpreted **but improvements could be made**

4.6.6 - Please rate the adequacy for education, information and awareness building of the following visitor facilities and services at the World Heritage property

Visitor centre	Adequate
Site museum	Excellent
Information booths	Not provided but needed
Guided tours	Excellent
Trails / routes	Excellent
Information materials	Excellent
Transportation facilities	Not provided but needed
Other	Not needed

4.6.7 - Comments, conclusions and / or recommendations related to education, information and awareness building

none

4.7. Visitor Management

4.7.1 - Please provide the trend in annual visitation for the last five years

Last year	Minor Increase
Two years ago	Minor Increase
Three years ago	Minor Increase
Four years ago	Minor Increase
Five years ago	Minor Increase

4.7.2 - What information sources are used to collect trend data on visitor statistics?

Visitor surveys

4.7.3 - Visitor management documents

Comment

none

4.7.4 - Is there an appropriate visitor use management plan (e.g. specific plan) for the World Heritage property which ensures that its Outstanding Universal Value is maintained?

Visitor use of the World Heritage property is **effectively managed** and does not impact its Outstanding Universal Value

4.7.5 - Does the tourism industry contribute to improving visitor experiences and maintaining the values of the World Heritage property?

There is **excellent co-operation** between those responsible for the World Heritage property and the tourism industry to present the Outstanding Universal Value and increase appreciation

4.7.6 - If fees (i.e. entry charges, permits) are collected, do they contribute to the management of the World Heritage property?

The fee is collected, and makes **some contribution** to the management of the World Heritage property

4.7.7 - Comments, conclusions and / or recommendations related to visitor use of the World Heritage property

none

4.8. Monitoring

4.8.1 - Is there a monitoring programme at the property which is directed towards management needs and / or improving understanding of Outstanding Universal Value?

There is a **comprehensive, integrated programme** of monitoring, which is relevant to management needs and / or improving understanding of Outstanding Universal Value

4.8.2 - Are key indicators for measuring the state of conservation used to monitor how the Outstanding Universal Value of the property is maintained?

Information on the values of the World Heritage property is **sufficient** for defining and monitoring key indicators for measuring its state of conservation

4.8.3 - Please rate the level of involvement in monitoring of the following groups

World Heritage managers / coordinators and staff	Excellent
Local / Municipal authorities	Excellent
Local communities	Not applicable
Researchers	Excellent
NGOs	Not applicable
Industry	Not applicable
Local indigenous peoples	Not applicable

4.8.4 - Has the State Party implemented relevant recommendations arising from the World Heritage Committee?

Implementation is **complete**

4.8.5 - Please provide comments relevant to the implementation of recommendations from the World Heritage Committee

not applicable

4.8.6 - Comments, conclusions and / or recommendations related to monitoring

none

4.9. Identification of Priority Management Needs

4.9.1 - Please select the top 6 managements needs for the property (if more than 6 are listed below)

Please refer to question 5.2

5. Summary and Conclusions

5.1. Summary - Factors affecting the Property

5.1.1 - Summary - Factors affecting the Property

	World Heritage criteria and attributes affected	Actions	Monitoring	Timeframe	Lead agency (and others involved)	More info / comment
3.2	Transportation Infrastructure					
3.2.1	Ground transport infrastructure	Heritage body security has been affected	lack of competence	professional agency monitor vibration situation	2005	government We recommend that the partial outage or change the railway line
3.4	Pollution					
3.4.3	Surface water pollution	Criteria ii, acid rain has corroded heritage fabric	strengthen monitoring	Rainfall, rainwater composition monitoring	long-term	Administration Office of Peking Man Site at Zhoukoudian We recommend that the government increases efforts in environmental improvement
3.6	Physical resource extraction					
3.6.2	Quarrying	Criteria ii, Heritage landscape and environmental impact of quarrying	lack of competence	Human inspection, taking photographs for the record	long-term	Administration Office of Peking Man Site at Zhoukoudian We suggest that the government close quarries in the surrounding of the heritage
3.7	Local conditions affecting physical fabric					
3.7.1	Wind					
3.7.7	Pests					
3.12	Invasive/alien species or hyper-abundant species					
3.12.2	Invasive/alien terrestrial species	Criteria ii, Plant root growth and activities of rodent damage to heritage body	Monitoring, observing	Human inspection, taking photographs for the record	long-term	Administration Office of Peking Man Site at Zhoukoudian We recommend that government increase the funding, research departments to take effective measures to intervene

5.2. Summary - Management Needs

5.2.2 - Summary - Management Needs

4.1 Boundaries and Buffer Zones						
		Actions	Timeframe	Lead agency (and others involved)	More info / comment	
4.1.4	The boundaries of the World Heritage property are not known by local residents / communities / landowners	strengthen the education and promotion of the of the property and establish the smymbol of the boundaries	recelently and long-term	Administration Office of Peking Man Site at Zhoukoudian	no comment	
4.1.5	The buffer zones of the World Heritage property are not known by local residents / communities/landowners	strengthen the education and promotion of the of the property and establish the smymbol of the boundaries	recelently and long-term	Administration Office of Peking Man Site at Zhoukoudian	no comment	
4.6 Education, Information and Awareness Building						
4.6.3	There is a limited education and awareness programme	encourage the staff to participate the training course at different level and create more oppertunities for the staffs to improve themselves in conservation and management	recently and long-term	Administration Office of Peking Man Site at Zhoukoudian	no comment	

5.3. Conclusions on the State of Conservation of the Property

5.3.1 - Current state of Authenticity

The authenticity of the World Heritage property has been **preserved**

5.3.2 - Current state of Integrity

The integrity of the World Heritage property is **intact**

5.3.3 - Current state of the World Heritage property's Outstanding Universal Value

The World Heritage property's Outstanding Universal Value has been **maintained**.

5.3.4 - Current state of the property's other values

Other important cultural and / or natural values and the state of conservation of the World Heritage property are **predominantly intact**

5.4. Additional comments on the State of Conservation of the Property

5.4.1 - Comments

none

6. World Heritage Status and Conclusions on Periodic Reporting Exercise

6.1 - Please rate the impacts of World Heritage status of the property in relation to the following areas

Conservation	Very positive
Research and monitoring	Very positive
Management effectiveness	Very positive
Quality of life for local communities and indigenous peoples	Very positive
Recognition	Very positive
Education	Very positive
Infrastructure development	Very positive
Funding for the property	Not applicable
International cooperation	Very positive
Political support for conservation	Very positive
Legal / Policy framework	Very positive
Lobbying	Not applicable
Institutional coordination	Very positive
Security	Very positive
Other (please specify)	Very positive

6.2 - Comments, conclusions and / or recommendations related to World Heritage status

none

6.3 - Entities involved in the preparation of this Section of the Periodic Report

Site Manager/Coordinator/World Heritage property staff
External experts
Advisory bodies

6.4 - Was the Periodic Reporting questionnaire easy to use and clearly understandable?

yes

6.5 - Please provide suggestions for improvement of the Periodic Reporting questionnaire

none

6.6 - Please rate the level of support for completing the Periodic Report questionnaire from the following entities

UNESCO	Very good
State Party Representative	Very good
Advisory Body	Very good

6.7 - How accessible was the information required to complete the Periodic Report?

All required information was accessible

6.8 - The Periodic Reporting process has improved the understanding of the following

The World Heritage Convention
The concept of Outstanding Universal Value
The property's Outstanding Universal Value
The concept of Integrity and / or Authenticity
The property's Integrity and / or Authenticity
Managing the property to maintain the Outstanding Universal Value
Monitoring and reporting
Management effectiveness

6.9 - Please rate the follow-up to conclusions and recommendations from previous Periodic Reporting exercise by the following entities

UNESCO	Excellent
State Party	Excellent
Site Managers	Excellent
Advisory Bodies	Excellent

6.10 - Summary of actions that will require formal consideration by the World Heritage Committee

- **Name of World Heritage Property**
Reason for update: Peking Man Site at Zhoukoudian
- **The criteria (2005 revised version) under which the property was inscribed**
Reason for update: iii, vi
- **Statement of Outstanding Universal Value / Statement of Significance**
Reason for update: the retrospective statement of outstanding universal value has been submitted to the World Heritage Center for examination in before February 2011.
- **Geographic Information Table**
Reason for update: Name Peking Man Site at Zhoukoudian Coordinates(longitude/latitude) N115.52'19_E39.39'31 _ Property(ha) 480 Buffer Zone(ha) 888 Total(ha) 1368 Inscription year 1987 The detailed information will be available on the retrospective inventory.
- **Map(s)**
Reason for update: The retrospective inventory will be submitted to the World Heritage Center before February 2012.

6.11 - Comments, conclusions and / or recommendations related to the Assessment of the Periodic Reporting exercise

none