

1. World Heritage Property Data

1.1 - Name of World Heritage Property

Ban Chiang Archaeological Site

1.2 - World Heritage Property Details

State(s) Party(ies)

- Thailand

Type of Property

cultural

Identification Number

575

Year of inscription on the World Heritage List

1992

1.3 - Geographic Information Table

Name	Coordinates	Property (ha)	Buffer zone (ha)	Total (ha)	Inscription year
Ban Chiang Archaeological Site	17.549 / 103.358	64	0	64	1992
Total (ha)		64	0	64	

Comment

Property (ha) 67.36

1.4 - Map(s)

Comment

underway

1.5 - Governmental Institution Responsible for the Property

1.6 - Property Manager / Coordinator, Local Institution / Agency

- Director The
The 9th Regional Office of Fine Arts, Khon Kaen

Comment

The Director telephone 66 43242129 fax 66 43242129,66 43337629 email: bch_whc@finearts.go.th

1.7 - Web Address of the Property (if existing)

1. 1001wonders.org : visit this site in [panophotographies - 360 x 180 degree images](#)

Comment

1. http://www.finearts.go.th/BanChiang_museum
2. <http://www.thaiwhic.go.th>
3. <http://www.archae.go.th>

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

Comment

1. The Venice Charter (1964)
2. The convention for the protection of world cultural and natural heritage (1972)
3. The Florence Charter on Historic Gardens (1982)
4. The Washington Charter on the Conservation of Historic Towns and Areas (1987)

2. Statement of Outstanding Universal Value

2.1 - Statement of Outstanding Universal Value / Statement of Significance

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

(iii)

2.3 - Attributes expressing the Outstanding Universal Value per criterion

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

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
































































3. Factors Affecting the Property

3.14. Other factor(s)

3.14.1 - Other factor(s)

3.15. Factors Summary Table

3.15.1 - Factors summary table

Name	Impact	Origin				
3.1	Buildings and Development					
3.1.1 Housing	  					
3.1.2 Commercial development	   					
3.1.5 Interpretative and visitation facilities	  					
3.2	Transportation Infrastructure					
3.2.1 Ground transport infrastructure	  					
3.2.2 Air transport infrastructure	   					
3.3	Services Infrastructures					
3.3.5 Major linear utilities	  					
3.5	Biological resource use/modification					
3.5.3 Land conversion	    					
3.8	Social/cultural uses of heritage					
3.8.1 Ritual / spiritual / religious and associative uses	   					
3.8.2 Society's valuing of heritage	    					
3.8.3 Indigenous hunting, gathering and collecting	  					
3.8.4 Changes in traditional ways of life and knowledge system	    					
3.8.5 Identity, social cohesion, changes in local population and community	    					
3.8.6 Impacts of tourism / visitor / recreation	    					
3.13	Management and institutional factors					
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					
3.1.2 Commercial development	localised	intermittent or sporadic	minor	low capacity	increasing
3.5 Biological resource use/modification					
3.5.3 Land conversion	localised	intermittent or sporadic	significant	low capacity	increasing
3.8 Social/cultural uses of heritage					
3.8.4 Changes in traditional ways of life and knowledge system	localised	intermittent or sporadic	minor	low capacity	increasing

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

3.17.1 - Comments

4. Protection, Management and Monitoring of the Property

4.1. Boundaries and Buffer Zones

4.1.1 - Buffer zone status

There is no buffer zone, but there is a need for one

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

Inadequacies in the boundaries make it difficult 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 property had no buffer zone at the time of its inscription on the World Heritage List

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

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

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

The property had no buffer zone at the time of its inscription on the World Heritage List

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

bufferzone should be provide in the future

4.2. Protective Measures

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

The Ban Chiang Archaeological Site is protected by national laws as follows:

- The Act on Ancient Monuments, Antiques, Objects of Art and National Museums B.E. 2504 (1961) and the Amended Act on Ancient Monuments, Antiques, Objects of Art and National Museums B.E. 2535 (1992)
- Land Digging and Land Filling Act B.E. 2543
- Announcement No. 189 of the Revolutionary Group prohibiting illegal excavation in the area of Udon Thani, Sakon Nakorn, Khon Kaen, and Mukdaharn

Comment

- The Act on Ancient Monuments, Antiques, Objects of Art and National Museums B.E. 2504 (1961) as amended by

Act(No.2) B.E.2535 (1992) - The Ratchaphatsadu Land Act B.E.2518(1975) - The Urban Planning Act B.E. 2518(1975) - The Building Control Act B.E. 2522 as amended by Act(No.2) B.E. 2535(1992) - Land Code B.E. 2497 - Regulations of the Fine Arts Department Concerning the Conservation of Monuments B.E. 2528 - The enhancement and conservation of national environmental quality act B.E.2535

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?

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

4.2.3 - 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 property had no buffer zone at the time of inscription on the World Heritage List

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?

There is no legal framework for controlling use and activities in the area surrounding the World Heritage property and the buffer zone

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

There is acceptable capacity / resources to enforce legislation and / or regulation in the World Heritage property but some deficiencies remain

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

4.3. Management System / Management Plan

4.3.1 - Management System

The Ban Chiang Archaeological Site is under the responsibility of the 7th Regional Office of Archaeology and National Museums, Khon Kaen province.

Comment

The Ban Chiang archaeological Site is under the responsibility of the 9th Regional Office of Finearts, khon-kaen.

4.3.2 - Management Documents

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 coordination between the range of administrative bodies / levels involved in the management of the property but it could be improved

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

The management system / plan is **not 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?

No annual work / action plan exists

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

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

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 **some input** into discussions relating to management but no direct role in 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?

Indigenous peoples have **some input** into discussions relating to management but no direct role

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 **little or no contact** 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

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

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)	
International donations (NGO's, foundations, etc)	
Governmental (National / Federal)	90%
Governmental (Regional / Provincial / State)	10%
Governmental (Local / Municipal)	
In country donations (NGO's, foundations, etc)	
Individual visitor charges (e.g. entry, parking, camping fees, etc.)	
Commercial operator payments (e.g. filming permit, concessions, etc.)	
Other grants	

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

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

The available budget is **inadequate** for basic management needs and presents a serious constraint to the capacity to manage

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

Existing sources of funding are **not secure**

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

There is a **major flow** of economic benefits to local communities from activities in and around the World Heritage property

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?

There is **basic** maintenance of equipment and facilities

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

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%
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Seasonal	
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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	Good
Community outreach	Fair
Interpretation	Fair
Education	Fair
Visitor management	Fair
Conservation	Fair
Administration	Fair
Risk preparedness	Fair
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	Low
Promotion	Medium
Community outreach	Medium
Interpretation	Medium
Education	Medium
Visitor management	Medium
Conservation	Medium
Administration	Medium
Risk preparedness	Medium
Tourism	Medium
Enforcement (custodians, police)	Medium

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

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** for most key areas **but there are gaps**

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 **small amount** of research, but it is not planned

4.5.3 - Are results from research programmes disseminated?

Research results are **shared with local participants and some national agencies**

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

1. The study of The Ornament that found from Wat pho si nai excavation pit Ban Chiang archaeological site ecological site Nongharn distric Udonthani province, 2003. 2. The study type of burial in the early period from Wat pho si nai excavation pit Ban Chiang archaeological site Nongharn distric Udonthani province, 2003. 3. The prehistory human skeleton analysis from Wat pho si nai ,2010.

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

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**, but **not 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	Average
Local / Municipal authorities within or adjacent to the property	Average
Local Indigenous peoples	Average
Local landowners	Average
Visitors	Average
Tourism industry	Average
Local businesses and industries	Average

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 influenced education, information and awareness building activities, **but it could be improved**

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	Adequate
Guided tours	Adequate
Trails / routes	Adequate
Information materials	Adequate
Transportation facilities	Excellent
Other	Adequate

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

4.7. Visitor Management

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

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

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

Entry tickets and registries
Visitor surveys

4.7.3 - Visitor management documents

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?

There is **some management** of the visitor use of the World Heritage property

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

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 considerable monitoring but it is **not directed towards 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 to define key indicators, **but this has not been done**

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	Poor
Local communities	Average
Researchers	Average
NGOs	Not applicable
Industry	Not applicable
Local indigenous peoples	Average

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

Implementation is **underway**

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

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

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	
3.1	Buildings and Development						
3.1.2	Commercial development	Buildings and constructions that may affect the landscape of the world heritage property is located on the archaeological site.	Defined rules to control building, form and height of the building.	Monitor and evaluate the impact of the construction of buildings.	Every 1 year	1. the Local government of Ban Chiang 2. the Committee for conservation of Ban Chiang Archaeological site 3. the Fine Arts Department	x
3.5	Biological resource use/modification						
3.5.3	Land conversion	Agricultural areas around the mound of the archaeological site were affected by the change of use.	1. Define clearly the boundary of Ban Chiang Archaeological site. 2. Rule and control land conversion in archaeological site and conservation areas.	Monitor and evaluate the impact of the land conversion.	Every 1 year	1. the Local government of Ban Chiang 2. the Committee for conservation of Ban Chiang Archaeological site 3. the Fine Arts Department	x
3.8	Social/cultural uses of heritage						
3.8.4	Changes in traditional ways of life and knowledge system	Modern social and economic change the agriculture society to be urban society.	1. Control pattern of development and landscape of the community by the local participation. 2. Promote and awareness to preserve the local culture.	1. Surveillance cultures. 2. Monitor and evaluation of the impact of changes in physical feature and landscape of the community.	Every 1 year	1. the Local government of Ban Chiang 2. the Committee for conservation of Ban Chiang Archaeological site 3. the Fine Arts Department 4. the cultural organizations in Udonthanee province.	x

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		
4.1.1	There is a need for a buffer zone	Define boundary of conservation area.	1 year	1. the Local government of Ban Chiang 2. the Committee for conservation of Ban Chiang Archaeological site 3. the Fine Arts Department	x	
4.1.4	The boundaries of the World Heritage property are not known	Publishing and public relations activities.	1 year	1. the Local government of Ban Chiang 2. the Committee for conservation of Ban Chiang Archaeological site 3. the Fine Arts Department 4. the cultural organizations in Udonthani province.	x	
4.3 Management System / Management Plan						
4.3.4	Management system / plan is inadequate	1. Studies reviewing the master plan. 2. Develop the master plan to enforcement process.	2 years	1. the Local government of Ban Chiang 2. the Committee for conservation of Ban Chiang Archaeological site 3. the Fine Arts Department 4. the cultural organizations in Udonthani province.	x	
4.4 Financial and Human Resources						
4.4.3	The budget is inadequate for management needs	1. Allocated budget for management and conservation of archaeological site in particular. 2. Activities for management and conservation of archaeological site.	Every 1 year	1. the Local government of Ban Chiang 2. the Committee for conservation of Ban Chiang Archaeological site 3. the Fine Arts Department 4. the cultural organizations in Udonthani province.	x	
4.5 Scientific Studies and Research Projects						

4.5.2	Research in the property is not planned	Encourage research for academic knowledge and impact on site continuously.	Every 1 year	1. the Local government of Ban Chiang 2. the Committee for conservation of Ban Chiang Archaeological site 3. the Fine Arts Department 4. the cultural organizations in Udonthani province 5. Udonthani province	x
4.8 Monitoring					
4.8.2	Key indicators have not been defined	Study the impact on the conservation and development activities. To define the indicators to be clear and on target on each side.	Every 1 year	1. the Local government of Ban Chiang 2. the Committee for conservation of Ban Chiang Archaeological site 3. the Fine Arts Department 4. the cultural organizations in Udonthani province 5. Udonthani province	x

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

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	Positive
Research and monitoring	No impact
Management effectiveness	Positive
Quality of life for local communities and indigenous peoples	Positive
Recognition	Very positive
Education	Positive
Infrastructure development	Positive
Funding for the property	Positive
International cooperation	Positive
Political support for conservation	Positive
Legal / Policy framework	Positive
Lobbying	Positive
Institutional coordination	Not applicable
Security	Positive
Other (please specify)	Positive

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

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

Governmental institution responsible for the property
Site Manager/Coordinator/World Heritage property staff

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

no

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

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?

Most of the 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

- **Geographic Information Table**
Reason for update: Property (ha) 67.36
- **Map(s)**
Reason for update: underway

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