

Periodic Report - Second Cycle

1. World Heritage Property Data

1.1 - Name of World Heritage Property

Historic Centre of Bukhara

1.2 - World Heritage Property Details

State(s) Party(ies)

• Uzbekistan

Type of Property

cultural

Identification Number

602rev


Year of inscription on the World Heritage List

1993

1.3 - Geographic Information Table

Name	Coordinates	Property (ha)	Buffer zone (ha)	Total (ha)	Inscription year
Historic Centre of Bukhara	39.775 / 64.429	0	0	0	1993
Total (ha)			0		

1.4 - Map(s)

Title	Date	Link to source
Map of the Historic Centre of the City	05/10/1990	

1.5 - Governmental Institution Responsible for the Property

Comment

Bukhara branch of the department for preservation and utilization of cultural sites under the Ministry of Culture and Sport

1.6 - Property Manager / Coordinator, Local Institution / Agency

• Babaev Tuygun Mukhiddinovich
Regional Inspection of Cultural Heritage Properties

1.7 - Web Address of the Property (if existing)

1. 1001wonders.org : visit this site in panophotographies - 360 x 180 degree images
2. [View photos from OUR PLACE the World Heritage collection](#)
3. [Bukhara - coming from deep past \(Bukhara Information & Culture Center\)](#)

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

Comment

UNESCO Convention 1972

2. Statement of Outstanding Universal Value

2.1 - Statement of Outstanding Universal Value / Statement of Significance

Comment

The draft retrospective OUV has been submitted to WH Centre by 1st February 2010

Section II - Historic Centre of Bukhara (602)

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

(ii)(iv)(vi)

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			
3.1.4 Major visitor accommodation and associated infrastructure			
3.1.5 Interpretative and visitation facilities			
3.2	Transportation Infrastructure		
3.2.1 Ground transport infrastructure			
3.2.4 Effects arising from use of transportation infrastructure			
3.3	Services Infrastructures		
3.3.1 Water infrastructure			
3.3.2 Renewable energy facilities			
3.3.3 Non-renewable energy facilities			
3.3.4 Localised utilities			
3.3.5 Major linear utilities			
3.4	Pollution		
3.4.2 Ground water pollution			
3.4.3 Surface water pollution			
3.4.4 Air pollution			
3.6	Physical resource extraction		
3.6.4 Water (extraction)			
3.7	Local conditions affecting physical fabric		
3.7.3 Temperature			
3.7.5 Dust			
3.7.6 Water (rain/water table)			
3.8	Social/cultural uses of heritage		
3.8.1 Ritual / spiritual / religious and associative uses			
3.8.2 Society's valuing of heritage			
3.8.6 Impacts of tourism / visitor / recreation			
3.10	Climate change and severe weather events		
3.10.6 Temperature change			
3.11	Sudden ecological or geological events		
3.11.2 Earthquake			
3.11.6 Fire (wildfires)			
3.13	Management and institutional factors		
3.13.1 Low impact research / monitoring 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
3.2	Transportation Infrastructure					
3.2.1	Ground transport infrastructure	localised	on-going	minor	medium capacity	decreasing
3.2.4	Effects arising from use of transportation infrastructure	localised	intermittent or sporadic	minor	medium capacity	decreasing
3.3	Services Infrastructures					

		Spatial scale	Temporal scale	Impact	Management response	Trend
3.3.1	Water infrastructure	localised	intermittent or sporadic	minor	medium capacity	decreasing
3.3.3	Non-renewable energy facilities	localised	intermittent or sporadic	minor	medium capacity	decreasing
3.3.4	Localised utilities	localised	intermittent or sporadic	minor	medium capacity	decreasing
3.3.5	Major linear utilities	localised	intermittent or sporadic	minor	medium capacity	decreasing
3.4	Pollution					
3.4.2	Ground water pollution	localised	intermittent or sporadic	minor	medium capacity	decreasing
3.4.3	Surface water pollution	localised	intermittent or sporadic	minor	medium capacity	decreasing
3.4.4	Air pollution	localised	intermittent or sporadic	minor	medium capacity	decreasing
3.6	Physical resource extraction					
3.6.4	Water (extraction)	localised	intermittent or sporadic	minor	medium capacity	decreasing
3.7	Local conditions affecting physical fabric					
3.7.3	Temperature	localised	intermittent or sporadic	minor	medium capacity	decreasing
3.7.5	Dust	localised	intermittent or sporadic	minor	medium capacity	decreasing
3.7.6	Water (rain/water table)	localised	intermittent or sporadic	minor	medium capacity	decreasing
3.8	Social/cultural uses of heritage					
3.8.6	Impacts of tourism / visitor / recreation	localised	intermittent or sporadic	minor	medium capacity	decreasing
3.10	Climate change and severe weather events					
3.10.6	Temperature change	localised	intermittent or sporadic	minor	medium capacity	decreasing

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 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 are **adequate** to maintain the property's Outstanding Universal Value

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

The boundaries of the World Heritage property are known by both the management authority and 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 both the management authority and local residents / communities / landowners.

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

4.2. Protective Measures

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

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?

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**

4.2.4 - 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?

An **adequate** legal framework exists for the area surrounding the World Heritage property and the buffer zone, but **there are some deficiencies in its implementation** which undermine the maintenance of the Outstanding Universal Value including conditions of Authenticity and / or Integrity of the property

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

Protection and promotion of historical and cultural monuments in Uzbekistan is under the control of the Central Scientific-Production Board of Cultural Monuments, which forms part of the Uzbek Republic's Ministry of Culture. In Bukhara responsibility is delegated to the State Historical-Architectural Museum-Reserve, whose role is to identify and register historical and cultural monuments, control all protection, re-use, and restoration activities, carry out archeological investigations, and control and protect buildings of historical significance and monumental art (exterior and interior).

Comment

the site is under the control of the Central Scientific-Production Board of Cultural Monuments, which forms part of the Uzbek Republic's Ministry of Culture. In Bukhara responsibility is delegated to the State Historical-Architectural Museum-Reserve, whose role is to identify and register historical and cultural monuments, control all protection, re-use, and restoration activities, carry out archaeological investigations, and control and protect buildings of historical significance.

4.3.2 - Management Documents

Comment

the site has annual working plan according to which the conservation, preservation, management of the site is carried out.

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**

Periodic Report - Second Cycle

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

The management system/plan is only **partially 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 **many activities** are being implemented

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	Not applicable
Visitors	Fair
Researchers	Fair
Tourism industry	Fair
Industry	Not applicable

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 **directly contribute** to some decisions relating to 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

Section II - Historic Centre of Bukhara (602)



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)	5%
International donations (NGO's, foundations, etc)	1%
Governmental (National / Federal)	50%
Governmental (Regional / Provincial / State)	44%
Governmental (Local / Municipal)	0%
In country donations (NGO's, foundations, etc)	0%
Individual visitor charges (e.g. entry, parking, camping fees, etc.)	0%
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)

Title	Year	Amount	Link to source
C, Bukhara.	1995	34000.00	
C, Bukhara	1997	16000.00	
Total		50000	

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)?

There is **some flow** of economic benefits to local communities

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

There are **some** equipment and facilities but overall these are **inadequate**

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

There is some **ad hoc** 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	50%
-----------	-----

Periodic Report - Second Cycle

Part-time	50%
-----------	-----

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

Permanent	50%
Seasonal	50%

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

Paid	50%
Volunteer	50%

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	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	Medium
Promotion	Medium
Community outreach	Not applicable
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**

Section II - Historic Centre of Bukhara (602)

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**

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

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 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	Average
Local / Municipal authorities within or adjacent to the property	Excellent
Local Indigenous peoples	Average
Local landowners	Not applicable
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 **planned and effective** education and awareness programme that contributes to the protection of the World Heritage property

Periodic Report - Second Cycle

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	Adequate
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	Major Increase (100%+)
Two years ago	Minor Increase
Three years ago	Major Increase (100%+)
Four years ago	Minor Increase
Five years ago	Static

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

Entry tickets and registries
Accommodation establishments

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?

Visitor use of the World Heritage property is managed but **improvements could be made**

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

There is **limited co-operation** between those responsible for the World Heritage property and the tourism industry to

Section II - Historic Centre of Bukhara (602)

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 and key indicators have been defined but **monitoring the status of indicators could be improved**

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

World Heritage managers / coordinators and staff	Average
Local / Municipal authorities	Average
Local communities	Average
Researchers	Average
NGOs	Average
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 **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
3.2	Transportation Infrastructure						
3.2.1	Ground transport infrastructure	IV, architecture	limitation of access to the historic centre. improvement of traffic around the historic centre	regular monitoring	on-going process	Board of Monuments	no comments
3.2.4	Effects arising from use of transportation infrastructure	IV, architecture	transfer to the ecological clean transport, electromobility.	regular monitoring	on-going process	Board of Monuments	no comments
3.6	Physical resource extraction						
3.6.4	Water (extraction)						
3.7	Local conditions affecting physical fabric						
3.7.3	Temperature						
3.8	Social/cultural uses of heritage						
3.8.6	Impacts of tourism / visitor / recreation	IV, architecture ensembles	control the routes, improve routes, improve services	regular monitoring	5 years	Board of Monuments	no comments
3.10	Climate change and severe weather events						
3.10.6	Temperature change						

5.2. Summary - Management Needs

5.2.2 - Summary - Management Needs

4.3 Management System / Management Plan					
		Actions	Timeframe	Lead agency (and others involved)	More info / comment
4.3.10	There is little or no contact with industry regarding management	no industry exist inside/outside	no need for timeframe	no responsible agency	no comments
4.4 Financial and Human Resources					
4.4.6	Inadequate equipment and facilities	improve and bring to adequate manner the equipment	5 years	Board of Monuments	no comments
4.4.7	Ad hoc maintenance of equipment	improve the maintenance through fund raising and adequate use of equipments	5 years	Board of Monuments	no comments

Periodic Report - Second Cycle

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 **compromised** by factors described in this report

5.3.2 - Current state of Integrity

The integrity of the World Heritage property has been **compromised** by factors described in this report

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

The World Heritage property's Outstanding Universal Value has been **impacted** by factors described in this report, but this situation is being **addressed through effective management actions**.

5.3.4 - Current state of the property's other values

Other important cultural and / or natural values are being **partially degraded** but the state of conservation of the World Heritage property has not been significantly impacted

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	Positive
Management effectiveness	Positive
Quality of life for local communities and indigenous peoples	Positive
Recognition	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	Positive
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
External experts

Section II - Historic Centre of Bukhara (602)

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

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

- Statement of Outstanding Universal Value / Statement of Significance

Reason for update: The draft retrospective OUV has been submitted to WH Centre by 1st February 2010

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