

1. World Heritage Property Data

1.1 - Name of World Heritage Property

Madara Rider

1.2 - World Heritage Property Details

State(s) Party(ies)

- Bulgaria

Type of Property

cultural

Identification Number

43



Year of inscription on the World Heritage List

1979

1.3 - Geographic Information Table

Name	Coordinates (latitude/longitude)	Property (ha)	Buffer zone (ha)	Total (ha)	Inscription year
Madara Rider	43.3 / 27.15	1.2	501.7	502.9	1979
Total (ha)		1.2	501.7	502.9	

1.4 - Map(s)

Title	Date	Link to source
Madara Rider. Inscribed property	15/06/2008	
Madara Rider Inscribed Property and its Buffer Zone	15/06/2008	

1.5 - Governmental Institution Responsible for the Property

- Vezhdi Rashidov
Ministry of Culture
Minister of Culture

Comment

The name of the Minister of Culture is Peter Stoyanovich. With the adoption of the Cultural Heritage Act in 2009 in the Ministry of Culture a General directorate inspectorate with a regional inspectors was established, and it has supervision and control features at on site. The National Institute of Immovable Cultural Heritage is a government institute that supports the Minister of culture in protection activities of immovable cultural properties.

1.6 - Property Manager / Coordinator, Local Institution / Agency

- Daniel Penerliev
Regional Historical Museum of Shumen
Director

Comment

email: penerliev_1970@abv.bg

1.7 - Web Address of the Property (if existing)

1. [View photos from OUR PLACE the World Heritage collection](#)
2. [World Monuments Watch](#)

Comment

museum-shumen.eu/bg/museums-and-reserves/madara/madara.pdf www.bulgariainside.com

bulgariatravel.org/bg/object/2/Arheologicheski_rezervat_Madara_museum_shumen@abv.bg

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

Comment

- European Convention on the Protection of the Archaeological Heritage (Revised) /1992/

2. Statement of Outstanding Universal Value

2.1 - Statement of Outstanding Universal Value / Statement of Significance

Statement of Outstanding Universal Value

Brief synthesis

The Madara Rider is a unique relief, an exceptional work of art, created during the first years of the formation of the Bulgarian State, at the beginning of the 8th century. It is the only relief of its kind, having no parallel in Europe. It has survived in its authentic state, with no alternation in the past or the present.

It is outstanding not only as a work of Bulgarian sculpture, with its characteristically realist tendencies, but also as a piece of historical source material dating from the earliest years of the establishment of the Bulgarian state. The inscriptions around the relief are, in fact, a chronicle of important events concerning the reigns of very famous Khans: Tervel, Kormisov and Omurtag.

Criterion (i): The Madara Rider is an exceptional work of art dating from the beginning of the 8th century. It is the only relief of its kind, having no parallel in Europe.

Criterion (iii): The Madara Rider is outstanding not only as a work of the realist Bulgarian sculpture but also as a piece of historical source material from the earliest years of the Bulgarian state, since the inscriptions around the relief chronicle events in the reigns of famous Khans.

Integrity

The rock relief of the Madara Horseman encompass within its boundaries sufficient elements for its presentation. It lies within an archaeological reserve that includes other archaeological monuments, up to 2000 years old. The defined boundaries, and the protection zone, ensure the conservation of the property's surrounding.

Due to the uncertain stability of the supporting rock, the relief has a serious and enduring conservation problem, although changes in the integrity of the property are not significant. A combination of wind erosion, and surface water run-off from heavy rain and melting snow, together with biological coatings, is causing the rock to erode. The property has been subject to numerous archaeological, geodesic, geological, hydrological, static, seismograph, physical chemistry and, lately, microbiological research investigations. These exceptional research efforts have been incorporated into a database, the results of which have defined the parameters for immediate conservation interventions. In 2007 an international project, seeking solutions for the conservation of the relief, was concluded and an evaluation of proposed interventions is pending.

Authenticity

The form and design, location and setting, materials and substance, and spirit and feeling of the Madara Horseman relief have retained their authenticity.

Protection and management requirements

Management is implemented by virtue of:

- Cultural Heritage Law (Official Gazette No.19 of 2009) and subdelegated legislation. This law regulates the research, studying, protection and promotion of the immovable cultural heritage in Bulgaria, and the development of Conservation and Management plans for its inscribed World Heritage List of immovable cultural properties.

In addition, secondary legislation, issued by the Government in 1981 (Ordinance No. 22 on Protection of the Historical and Archaeological Reserves of Pliska, Preslav and Madara, promulgated in the Official Gazette No. 14 of 1981) also applies.

In order to ensure the conservation of the relief, there is a need to implement the proposed interventions drawn by the 2007 International project.

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

(i)(iii)

2.3 - Attributes expressing the Outstanding Universal Value per criterion

The Madara Rider is an exceptional work of art dating from the beginning of the 8th century. It is the only relief of its kind, having no parallel in Europe. The Madara Rider is outstanding not only as a work of the realist Bulgarian sculpture but also as a piece of historical source material from the earliest years of the Bulgarian state, since the inscriptions around the relief chronicle events in the reigns of famous Khans.

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

We do not find any need to change the SOUV.

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

We consider that the current Statement of OUV reflects the outstanding universal value of the Property.
















































































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					
3.1.5	Interpretative and visitation facilities	    				
3.2	Transportation Infrastructure					
3.2.1	Ground transport infrastructure	   				
3.2.4	Effects arising from use of transportation infrastructure	  				
3.7	Local conditions affecting physical fabric					
3.7.1	Wind	   				
3.7.2	Relative humidity	  				
3.7.3	Temperature	   				
3.7.6	Water (rain/water table)	  				
3.7.8	Micro-organisms	   				
3.8	Social/cultural uses of heritage					
3.8.1	Ritual / spiritual / religious and associative uses	   				
3.8.2	Society's valuing of heritage	   				
3.8.5	Identity, social cohesion, changes in local population and community	    				
3.8.6	Impacts of tourism / visitor / recreation	    				
3.10	Climate change and severe weather events					
3.10.1	Storms	   				
3.11	Sudden ecological or geological events					
3.11.2	Earthquake	   				
3.11.5	Erosion and siltation/ deposition	   				
3.11.6	Fire (wildfires)	  				
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	
3.7	Local conditions affecting physical fabric					
3.7.1	Wind	localised	intermittent or sporadic	minor	medium capacity	decreasing
3.7.2	Relative humidity	localised	intermittent or sporadic	insignificant	medium capacity	static
3.7.3	Temperature	localised	intermittent or sporadic	insignificant	medium capacity	static
3.7.6	Water (rain/water table)	localised	intermittent or sporadic	minor	high capacity	static
3.7.8	Micro-organisms	localised	frequent	minor	high capacity	decreasing
3.11	Sudden ecological or geological events					
3.11.5	Erosion and siltation/ deposition	localised	intermittent or sporadic	minor	high capacity	decreasing

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

3.17.1 - Comments

In 2005 began the international (French-German-Bulgarian) project for solving the problems of the Madara Rider relief caused by the biological damage, which final fourth stage was held in 2009. With the project were carried out chemical analysis and experimental work and a syllabus was presented and is proposed and accepted a Technology for urgent restoration works for strengthening areas of the relief. Ministry of Culture has financed the implementation of this restoration.

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)

Declared a historical monument of national importance (according to the classification of historical monuments in Bulgaria) by ministerial decree., as published in the official journal No.46, of 1970. Accesible to the public. The stone relief the Madara Rider is listed as no. 89/1 in the Inventory of Archaeological Monuments in the Region of Shumen. Management is implemented by virtue of:

- Cultural Heritage Law (Official Gazette No.19 of 2009) and subdelegated legislation. This law regulates the research, studying, protection and promotion of the immovable cultural heritage in Bulgaria, and the development of Conservation and Management plans for its inscribed World Heritage List of immovable cultural properties.

In addition, secondary legislation, issued by the Government in 1981 (Ordinance No. 22 on Protection of the Historical and Archaeological Reserves of Pliska, Preslav and Madara, promulgated in the Official Gazette No. 14 of 1981) also applies.

Periodic Reporting Cycle 1 (2001-2006) Section 2

Source: [Periodic Reporting Cycle 1 \(2001-2006\)](#)

Submitted on Monday, November 28, 2005

• Question 6.02

Management is implemented by virtue of the Cultural Monuments and Museums Act (promulgated in the Official Gazette No. 29 of 1969, as amended and supplemented) and a statutory instrument of secondary legislation issued by the Government in 1981 (Ordinance No. 22 on Protection of the Historical and Archaeological Reserves of Pliska, Preslav and Madara, promulgated in the Official Gazette No. 14 of 1981).

Comment

The Cultural Monuments and Museums Act is canceled. According to the Law on Cultural Heritage (in force since 10.04.2009) a need to apply the principles of integrated conservation is noted and the types and categories of immovable cultural property are defined, for which conservation and management plans are mandatory required. For the Madara Horsman there is still no conservation and management plan developed, but is in the process of setting an assignment for the preparation of such a plan

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

In 2013 a construction project to strengthen the rock mass of the Madara Horseman was prepared and coordinated, and it was funded by the Ministry of Culture. In 2013 the Ministry of Culture allowed the deployment in the courtyard of the historic museum, Madara Horseman of a weather station, which will serve to gather information on weather conditions in the area of the rider – temperature, precipitation, wind. By 2015, the State party granted five additional subsidized positions for Regional History Museum Shumen.

4.3. Management System / Management Plan

4.3.1 - Management System

Steering group: no plans exist at this time to set up a Steering Group

Site manager on full-time basis

Levels of public authority who are primarily involved with the management of the site: national; local

Periodic Reporting Cycle 1 (2001-2006) Section 2

Source: [Periodic Reporting Cycle 1 \(2001-2006\)](#)

Submitted on Monday, November 28, 2005

• **Question 5.04** Plans in place to set up a "steering group: There are no concrete plans for setting up a "steering group"; The municipality of Madara and Shoumen as well as concerned parties are in constant collaboration for the sake of the sites protection and development.

• **Question 5.05**

Overall management system of the site

- Management by the State Party
- Management under protective legislation
- Management under traditional protective measures or customary law
- Other effective management system

Management by the municipal museum of history - Shumen.

Comment

Management by the Regional museum of history - Shumen and the State party under protective legislation. The site is part of the territory of the Archaeological reserve of Madara. Ordinance No. 22 on Protection of the Historical and Archaeological Reserves of Pliska, Preslav and Madara (promulgated in the Official Gazette No. 14 of 1981) has been issued on protection of the Reserve. Cultural Heritage Act (in force since 2009)

4.3.2 - Management Documents

Comment

The site is part of the territory of the Archaeological site of Madara. Ordinance No. 22 on Protection of the Historical and Archaeological Reserves of Pliska, Preslav and Madara (promulgated in the Official Gazette No. 14 of 1981) has been issued on protection of the Reserve. Cultural Heritage Act (in force since 2009) Ordinance on terms and conditions for presenting cultural properties (in force since 28.03.2014)

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 only **partially adequate** to maintain the property's Outstanding Universal Value

4.3.5 - Is the management system being implemented?

The management system is being **fully** implemented and monitored

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	Not applicable
Landowners	Not applicable
Visitors	Good
Researchers	Fair
Tourism industry	Good
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?

No local communities are resident in or living near the World Heritage property and / or buffer zone

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

The Participation of the local community is now executed through partial maintenance of the tourist infrastructure in the

buffer zone. was issued. A new Cultural Heritage Act /2009/ and an Ordinance of the Council of Ministers regarding scope, structure, content and methodology for the Conservation and Management plan development entered into force. For the site there is still no conservation and management plan developed, but it is in the process of setting an assignment for the preparation of such a plan.


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)	60%
Governmental (Regional / Provincial / State)	
Governmental (Local / Municipal)	
In country donations (NGO's, foundations, etc)	
Individual visitor charges (e.g. entry, parking, camping fees, etc.)	40%
Commercial operator payments (e.g. filming permit, concessions, etc.)	
Other grants	

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

Title	Year	Amount	Link to source
Equipment for drilling, measurement and urgent cleaning for Madara Rider	1992	35000.00	
Total		35000	

Comment

Table ronde sur les problèmes de la préservation du "Le Cavalier de Madara", et des "Eglises rupestres aux environs d'Ivanovo". Decision: Approved Decision by: Chairperson Approved Amount: 5,250 USD Decision Date: Feb 5, 2003 Previous Id: 2003-950 Type: conservation Category: culture

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** adequate equipment and facilities, but deficiencies in at least one key area **constrain** management at the World Heritage property

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

Through the budget of the Ministry of Culture: Annual instrumental monitoring and analysis of the cracks of the rock.

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

Full-time	100%
Part-time	0%

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

Permanent	100%
Seasonal	0%

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

Paid	100%
Volunteer	0%

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

Human resources are **adequate** for management needs

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	Fair
Interpretation	Poor
Education	Fair
Visitor management	Good
Conservation	Fair
Administration	Fair
Risk preparedness	Fair
Tourism	Good
Enforcement (custodians, police)	Good

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	Low
Interpretation	Low
Education	Low
Visitor management	Low
Conservation	Low
Administration	Low

Risk preparedness	Medium
Tourism	Low
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 fully implemented**; all technical skills are being transferred to those managing the property locally, who are assuming leadership in management

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

In 2009 an international conference "30 years of the inscription of Madara Rider in the UNESCO List" was held

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 **considerable** research but it is **not directed** towards 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

• Marinov, V. Holy Madara. Shumen, 2005. • Tchobanov, T. Eastern roots of the Madara Horseman. - B: The same. Studies on the culture of ancient Bulgarians. C. 2010 (Bulgarian eternity, 163-186). • Totev, T. More on the Madara rock relief. - B: "Bulgaria, land of blessed ..." In memoriam Professoris Iordani Andreevi. Re. order. Ivan Lazarov. Veliko Tarnovo, 2010.

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

In 2005 began the international (French-German-Bulgarian) project for solving the problems of the Madara Rider relief caused by the biological damage, which final fourth stage was held in 2007. With the project were carried out chemical analysis and experimental work and a syllabus was presented and is proposed and accepted a Technology for urgent restoration works for strengthening areas of the relief. Ministry of Culture has financed the implementation of this restoration.

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	Not applicable
Local landowners	Not applicable
Visitors	Excellent
Tourism industry	Excellent
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 education and awareness programme but it only **partly meets the needs** and could be improved

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	Not needed
Guided tours	Excellent
Trails / routes	Poor
Information materials	Adequate
Transportation facilities	Not provided but needed
Other	Not needed

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

In 2006, after a repairment and reconstruction, reopened the museum in "Madara" Archeological reserve, and the exhibition area is increased by 40 square meters.

4.7. Visitor Management

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

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

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

Entry tickets and registries
Tourism industry

4.7.3 - Visitor management documents

Comment

Rules of procedure, job descriptions.

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 **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 a **substantial 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

In 2006, after a repairment and reconstruction, reopened the museum in "Madara" Archeological reserve, and the exhibition area is increased by 40 square meters.

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** 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	Average

Local communities	Poor
Researchers	Average
NGOs	Poor
Industry	Poor
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

The Madara Rider rock relief has been under constant observation. An instrumental monitoring of cracks affecting the sustainability of the relief of the Madara Rider Is carried out annually and an analytical report with the results is prepared. In 2013 the Ministry of Culture allowed the deployment in the courtyard of the historic museum, Madara Rider of a weather station, which will serve to gather information on weather conditions in the area of the rider - temperature, precipitation, wind.

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
3.7	Local conditions affecting physical fabric						
3.7.1	Wind	So far, no criteria has been affected	In 2013 the Ministry of Culture allowed the deployment in the courtyard of the historic museum, Madara Rider of a weather station, which will serve to gather information on weather conditions in the area of the Madara Rider.	Gathering information on the temperature, precipitation and wind	Permanently	BULGARIAN ACADEMY OF SCIENCES - Institute of Geology;	A weather station will serve to gather information on weather conditions in the area of the Madara Rider - temperature, precipitation, wind.
3.7.2	Relative humidity	So far, no criteria has been affected	In 2013 the Ministry of Culture allowed the deployment in the courtyard of the historic museum, Madara Horseman of a weather station, which will serve to gather information on weather conditions in the area of the rider - temperature, precipitation, wind.	Gathering information on the temperature, precipitation and wind	Permanently	BULGARIAN ACADEMY OF SCIENCES - Institute of Geology	A weather station will serve to gather information on weather conditions in the area of the Madara Rider - temperature, precipitation, wind.
3.7.3	Temperature	So far, no criteria has been affected	In 2013 the Ministry of Culture allowed the deployment in the courtyard of the historic museum Madara Rider of a weather station, which will serve to gather information on weather conditions in the area of the Rider -precipitation, temperature, wind	Gathering information on the temperature, precipitation and wind	Permanently	BULGARIAN ACADEMY OF SCIENCES - Institute of Geology	A weather station will serve to gather information on weather conditions in the area of the Madara Rider - temperature, precipitation, wind.
3.7.6	Water (rain/water table)	So far, no criteria has been affected	In 2013 the Ministry of Culture allowed the deployment in the courtyard of the historic museum Madara Rider of a weather station, which will serve to gather information on weather conditions in the area of the Rider -precipitation, temperature, wind	Gathering information on the temperature, precipitation and wind	Permanently	BULGARIAN ACADEMY OF SCIENCES - Institute of Geology	In the years studies of the hydrological explorations and of the microclimat characteristics of the area have been conducted, as well chemical analysis of the gas environment and the water down.
3.7.8	Micro-organisms	So far, no criteria has been affected	In 2009 a French-German-Bulgarian Project for handling the problems of biological impairment through removal of the biological upper layer of the rock and using the bio-mineralisation method for its reinforcement was completed. Between September - October 2014 on a project approved by OPRD will be implemented a chemical extraction of gypsum deposits remaining on the relief from when a plaster cast was made in 1905, as well as elimination of bacterial damages.	In 2009 an international conference "30 years of the inscription of Madara Rider in the UNESCO List" was held, featuring experts from Germany, Italy and Bulgaria, which reported the final results of the project on microbiological protection of the relief. The performed experiments on cleaning the microbiological patina, on the bioclassification of the surface and durable protection with brass canopy are highly successful and with proven effectiveness. Participants have marked recommendations for future activity. Some of the recommendations are already implemented.	Permanently	BULGARIAN ACADEMY OF SCIENCES - Institute of Geology; Ministry of Culture	The problems related to biological decay of the rock massif, presenting many conservation challenges are being solved in the first place at present. In the near future it will be subject to serious conservation treatments.
3.11	Sudden ecological or geological events						

		World Heritage criteria and attributes affected	Actions	Monitoring	Timeframe	Lead agency (and others involved)	More info / comment
3.11.5	Erosion and siltation/deposition	So far, no criteria has been affected	In 2013 a construction project to strengthen the rock massif of the Madara Rider was prepared and coordinated, and it was funded by the Ministry of Culture.	An instrumental monitoring of cracks affecting the sustainability of the relief of the Madara Rider Is carried out annually and an analytical report with the results is prepared.	Permanently	BULGARIAN ACADEMY OF SCIENCES - Institute of Geology	The Madara Rider rock relief has been under constant observation. An instrumental monitoring of cracks affecting the sustainability of the relief of the Madara Rider Is carried out annually and an analytical report with the results is prepared.

5.2. Summary - Management Needs

5.2.2 - Summary - Management Needs

Answers provided have not outlined any serious management need.

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 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 **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

Varying concepts for protection of this monument against the harmful effects of external agents are launched; one of these concepts is about setting up a mobile protective structure. In 2009 a French-German-Bulgarian Project for handling the problems of biological impairment through removal of the biological upper layer of the rock and using the bio-mineralisation method for its reinforcement was completed.

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	Very positive
Education	Positive
Infrastructure development	Positive
Funding for the property	No impact
International cooperation	Positive
Political support for conservation	No impact
Legal / Policy framework	Positive
Lobbying	Positive
Institutional coordination	Positive
Security	Positive
Other (please specify)	Not applicable

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

Some of the questions could be better formulated and explained.

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

UNESCO	Fair
State Party Representative	Good
Advisory Body	Fair

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

Not all 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	Satisfactory
State Party	Satisfactory
Site Managers	Satisfactory
Advisory Bodies	Satisfactory

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

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

The questionnaire helps in identifying the pros and cons in the property protection and management and undertaking the necessary measures. It is a very good way for assessment of the needs and the measures for their satisfaction.