

**1. World Heritage Property Data**

**1.1 - Name of World Heritage Property**

Dacian Fortresses of the Orastie Mountains

**1.2 - World Heritage Property Details**

**State(s) Party(ies)**

- Romania

**Type of Property**

cultural

**Identification Number**

906


**Year of inscription on the World Heritage List**

1999

**1.3 - Geographic Information Table**

Name	Coordinates (latitude/longitude)	Property (ha)	Buffer zone (ha)	Total (ha)	Inscription year
Sarmizegetusa, Gradistea de Munte , Orastioara de Sus , Hunedoara , Romania	45.623 / 23.312	17.83	0	17.83	1999
Costesti-Cetatuie, Costesti , Orastioara de Sus , Hunedoara , Romania	45.693 / 23.146	0	0	0	1999
Costesti -Blidaru, Costesti , Orastioara , Hunedoara , Romania	45.667 / 23.163	0.5	0	0.5	1999
Luncani-Piatra Rosie, Luncani , Bosorod , Hunedoara , Romania	45.603 / 23.15	1.2	0	1.2	1999
Banita, Banita , Petrosani Municipality , Hunedoara , Romania	45.467 / 23.217	0	0	0	1999
Capâlna, Capâlna , Sasciori , Alba , Romania	45.8 / 23.6	0	0	0	1999
<b>Total (ha)</b>		<b>19.53</b>	<b>0</b>	<b>19.53</b>	

**1.4 - Map(s)**

Title	Date	Link to source
Dacian Fortresses of the Orastie Mountains - map of inscribed properties	04/12/1999	

**Comment**

It is made a update map which content all buffer areas in the Retrospective Inventory.

**1.5 - Governmental Institution Responsible for the Property**

**Comment**

The Ministry of Culture (former Ministry of Culture, former Ministry of Culture and National Heritage),and the National Institute of Heritage – as a scientific consultant For Sarmizegetusa Regia the responsible is the County Council

from Hunedoara, and for another fortresses the administrative bodies are the local councils.

**1.6 - Property Manager / Coordinator, Local Institution / Agency**

- Inel Constantin Ioan  
Unirii National Museum  
Deputy Director, Coordinator, President of the Committee

**Comment**

Catalin Cristescu, researcher,for the Dacian fortresses in Hunedoara, County Museum of Dacian and Roman Civilisation, Deva, Bd. 1 Decembrie, nr. 39, 330055, jud. Hunedoara, tel.: 0757109169, fax: 0254212200, e-mail: kpilgrimk@yahoo.co.uk

**1.7 - Web Address of the Property (if existing)**

1. [Dacian Fortresses of the Orastie Mountains \(CIMEC\)](http://www.patrimoniul.gov.ro)

**Comment**

www.patrimoniul.gov.ro

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

**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**

(ii)(iii)(iv)

**2.3 - Attributes expressing the Outstanding Universal Value per criterion**

Criterion (ii): The Dacian fortresses represent the fusion of techniques and concepts of military architecture from inside and outside the classical world to create a unique style. Criterion (iii):TheGeto-Dacian kingdoms of the late 1st millennium BC attained an exceptionally high cultural and socio-economic level, and this is symbolized by this group of fortresses. Criterion (iv): The hill-fort and its evolved successor, the oppidum, were characteristic of the Late Iron Age in Europe, and the Dacian fortresses are outstanding examples of this type of defended site.

**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**

Within the Retrospective Inventory Project, the maps that were sent for the Dacian Fortresses in Orăștie Mountains inscription were digitized by feeding them into a GIS program and so, we have the exact sizes of the area, with a precise number of hectares, as we can see from the adjacent map.

**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	
<b>3.1</b>	<b>Buildings and Development</b>								
3.1.1	Housing								
3.1.4	Major visitor accommodation and associated infrastructure								
3.1.5	Interpretative and visitation facilities								
<b>3.2</b>	<b>Transportation Infrastructure</b>								
3.2.1	Ground transport infrastructure								
<b>3.5</b>	<b>Biological resource use/modification</b>								
3.5.3	Land conversion								
3.5.6	Commercial wild plant collection								
3.5.10	Forestry /wood production								
<b>3.8</b>	<b>Social/cultural uses of heritage</b>								
3.8.1	Ritual / spiritual / religious and associative uses								
3.8.6	Impacts of tourism / visitor / recreation								
<b>3.13</b>	<b>Management and institutional factors</b>								
3.13.1	Low impact research / monitoring activities								
3.13.3	Management activities								
<b>Legend</b>	Current	Potential	Negative	Positive	Inside	Outside			

### 3.16. Assessment of current negative factors

#### 3.16.1 - Assessment of current negative factors

No factor is both current and negative.

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

#### 3.17.1 - Comments

For Sarmizegetusa, beginning with the administration things are going to be well, according with the measures for protection, for maintenance, administration. Also, in the County Council were created medium capacity Organization Committee, which decide the major measures for the protection of the Universal value of the sites.

## 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

The buffer zone it is well known, but it recommend to do more in this direction. In the last two years, security measures are increasing in this area.

### 4.2. Protective Measures

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

The properties nominated for inscription form part of the Prehistoric and Historic Reserve of the Oraştie Mountains, established under the provisions of the basic heritage protection Law No 41/1994, as extended and supplemented by subsequent laws and decrees. This requires any interventions on protected sites and monuments to be

submitted to the competent authorities for approval. There are two levels of protection zone around each property. No construction is allowed in the inner zones, and there is control over work in the outer zones.

#### Comment

Also, the Sites are protected through a new law 47/2000, and, also through another approval for the administration of the site, which is the Government Approval from 2010, which established a Organization Committee, with precise attributions.

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

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

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

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

There is **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 sites nominated for inscription are all the property of the State. Properties in the buffer zones are partly State-owned and partly private. Overall responsibility for protected monuments is vested in the Ministry of Culture, which operates through its Directorate of Historic Monuments. This is advised by the National Commission on Historic Monuments on research survey and inventory, evaluation, restoration, conservation, and other aspects of its work. The Directorate has inspectors with regional responsibilities, and at Department level there are professionally staffed National Cultural Heritage Offices.

**Comment**

In 2010, was approved the Government decision no1268 din 8 decembrie 2010 for the approval of Working Committee Group for the elaboration of the Management Plans. It is a complex document, so it is under going process.

**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 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	Good
Indigenous peoples	Good
Landowners	Fair
Visitors	Fair
Researchers	Good
Tourism industry	Fair
Industry	Fair

**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 directly contribute to **some decisions** relating to management but their involvement could be improved

**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**

**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**

No significant changes on the properties are made.

**4.4. Financial and Human Resources**

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

Multilateral funding (GEF, World Bank, etc)	0%
International donations (NGO's, foundations, etc)	10%
Governmental (National / Federal)	20%
Governmental (Regional / Provincial / State)	20%
Governmental (Local / Municipal)	20%
In country donations (NGO's, foundations, etc)	10%
Individual visitor charges (e.g. entry, parking, camping fees, etc.)	10%
Commercial operator payments (e.g. filming permit, concessions, etc.)	10%
Other grants	0%

**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 **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 **adequate** equipment and facilities

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

Equipment and facilities are **well maintained**

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

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

Full-time	80%
Part-time	20%

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

Permanent	85%
Seasonal	15%

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

Paid	90%
Volunteer	10%

**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	Good
Promotion	Fair
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	High
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**

**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**

Gelu Florea, Dava et oppidum. Debuts de la genese urbaine en Europe a la fin du deuxieme age du fer, Cluj-Napoca, 2011. Gelu Florea, Doina Boroş, V. Duca, Gelu Florea, Liliana Suci, Eugen Iaroslavschi, Gabriela Gheorghiu, Paul Pupeză, Cristina Bodo, Cătălin Cristescu, Răzvan Mateescu, 77. com. Orăştioara de Sus, jud. Hunedoara. Grădiştea de Munte - Sarmizegetusa Regia

**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	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 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	Adequate
Information booths	Adequate
Guided tours	Poor
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**

In conclusion, more educative and awareness public should be more numerous, an, also permanent, including the local community activities and interests.

**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	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
Accommodation establishments
Tourism industry
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?**

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

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

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

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

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

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

**4.8. Monitoring**

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

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

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

Information on the values of the World Heritage property is sufficient 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	Poor
Researchers	Average
NGOs	Average
Industry	Not applicable
Local indigenous peoples	Poor

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

Implementation is **complete**

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

**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**

No factor is both current and negative.

### **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 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**

The state of conservation of the properties are good, taking into account that all the Dacian Fortresses are monitored by the local authorities , through the cultural County Institutions.

**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	No impact
Recognition	Positive
Education	Positive
Infrastructure development	No impact
Funding for the property	No impact
International cooperation	No impact
Political support for conservation	Positive
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
Local community
External experts

Others
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**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?**

All required information was accessible

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

The World Heritage Convention
The concept of Outstanding Universal Value
The property's Outstanding Universal Value
The concept of Integrity and / or Authenticity
Managing the property to maintain the Outstanding Universal Value
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	Satisfactory
Advisory Bodies	Satisfactory

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

• **Map(s)**

Reason for update: It is made a update map which content all buffer areas in the Retrospective Inventory.

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