

1. World Heritage Property Data

1.1 - Name of World Heritage Property

Plitvice Lakes National Park

1.2 - World Heritage Property Details

State(s) Party(ies)

- Croatia

Type of Property

natural

Identification Number

98bis

Year of inscription on the World Heritage List

1979, 2000

1.3 - Geographic Information Table

Name	Coordinates (latitude/longitude)	Property (ha)	Buffer zone (ha)	Total (ha)	Inscription year
Plitvice Lakes National Park	44.878 / 15.614	29482	0	29482	1979
Total (ha)		29482	0	29482	

Comment

Property 29 685,15 ha Total 29 685,15 ha Park's area was calculated in ESRI ArcGIS software, in 5th zone of Gauss–Krüger projection and included in the Management Plan (2007) and Spatial Plan for Plitvice Lakes National Park (2014)

1.4 - Map(s)

Title	Date	Link to source
Plitvice Lakes National Park - map of inscribed extension	02/12/2000	
Plitvice Lakes National Park - Map of the inscribed property	21/11/2011	

1.5 - Governmental Institution Responsible for the Property

- Ina Gregurić
Ministry of Culture of the Republic of Croatia
Secretary of the Minister

Comment

Ministry of Environmental and Nature Protection of the Republic of Croatia
Mihael Zmajlović Minister Republike Austrije
14 10 000 Zagreb Croatia Telephone: + 385 1 3717 175 Fax: + 385 1 3717 149 Email: ministar@mzoip.hr

1.6 - Property Manager / Coordinator, Local Institution / Agency

- Andjelko Novosel
National Park Plitvice Lakes
Conservation Manager

1.7 - Web Address of the Property (if existing)

1. [View photos from OUR PLACE the World Heritage collection](#)
2. [Natural site datasheet from WCMC](#)
3. [National Park Plitvice Lakes](#)

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

(vii)(viii)(ix)

2.3 - Attributes expressing the Outstanding Universal Value per criterion

vii - The extension of the constantly evolving lake system, the proportion of the tufa barriers, jointly with the numerous dynamic waterfalls and clear water courses and the expression of colours, make Plitvice Lakes an aesthetically outstanding natural spectacle of global importance. viii - The key process is the tufa or travertine creation which forms barriers and dams across the watercourses ix - specialized mosses, algae and bacteria enable and enhance the sedimentation and creation of tufa

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		
3.1.4	Major visitor accommodation and associated infrastructure		
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		
3.3.4	Localised utilities		
3.3.5	Major linear utilities		
3.4	Pollution		
3.4.2	Ground water pollution		
3.4.3	Surface water pollution		
3.4.5	Solid waste		
3.5	Biological resource use/modification		
3.5.3	Land conversion		
3.5.4	Livestock farming / grazing of domesticated animals		
3.5.8	Commercial hunting		
3.5.9	Subsistence hunting		
3.6	Physical resource extraction		
3.6.4	Water (extraction)		
3.7	Local conditions affecting physical fabric		
3.7.3	Temperature		
3.7.6	Water (rain/water table)		
3.7.8	Micro-organisms		
3.8	Social/cultural uses of heritage		
3.8.2	Society's valuing of heritage		
3.8.4	Changes in traditional ways of life and knowledge system		
3.8.5	Identity, social cohesion, changes in local population and community		
3.8.6	Impacts of tourism / visitor / recreation		
3.9	Other human activities		
3.9.1	Illegal activities		
3.9.2	Deliberate destruction of heritage		
3.10	Climate change and severe weather events		
3.10.2	Flooding		
3.10.3	Drought		
3.10.6	Temperature change		
3.11	Sudden ecological or geological events		
3.11.5	Erosion and siltation/ deposition		
3.11.6	Fire (wildfires)		
3.12	Invasive/alien species or hyper-abundant species		
3.12.2	Invasive/alien terrestrial species		
3.12.3	Invasive / alien freshwater species		
3.13	Management and institutional factors		

Name		Impact		Origin			
3.13.1	Low impact research / monitoring activities						
3.13.3	Management activities						
Legend		Current	Potential	Negative	Positive	Inside	Outside

3.16. Assessment of current negative factors

3.16.1 - Assessment of current negative factors

	Spatial scale	Temporal scale	Impact	Management response	Trend	
3.1 Buildings and Development						
3.1.1	Housing	localised	intermittent or sporadic	minor	high capacity	increasing
3.1.4	Major visitor accommodation and associated infrastructure	localised	intermittent or sporadic	minor	high capacity	increasing
3.2 Transportation Infrastructure						
3.2.1	Ground transport infrastructure	restricted	on-going	minor	high capacity	static
3.2.4	Effects arising from use of transportation infrastructure	restricted	frequent	minor	high capacity	static
3.3 Services Infrastructures						
3.3.1	Water infrastructure	extensive	on-going	significant	high capacity	static
3.3.4	Localised utilities	restricted	one off or rare	minor	high capacity	static
3.4 Pollution						
3.4.2	Ground water pollution	localised	intermittent or sporadic	minor	high capacity	static
3.4.3	Surface water pollution	localised	intermittent or sporadic	minor	high capacity	increasing
3.4.5	Solid waste	localised	intermittent or sporadic	minor	high capacity	static
3.5 Biological resource use/modification						
3.5.3	Land conversion	restricted	intermittent or sporadic	minor	high capacity	increasing
3.6 Physical resource extraction						
3.6.4	Water (extraction)	extensive	on-going	significant	high capacity	increasing
3.7 Local conditions affecting physical fabric						
3.7.6	Water (rain/water table)	extensive	on-going	significant	high capacity	increasing
3.7.8	Micro-organisms	localised	intermittent or sporadic	significant	high capacity	increasing
3.8 Social/cultural uses of heritage						
3.8.2	Society's valuing of heritage	localised	frequent	significant	medium capacity	increasing
3.8.4	Changes in traditional ways of life and knowledge system	extensive	on-going	significant	medium capacity	increasing
3.8.5	Identity, social cohesion, changes in local population and community	localised	frequent	significant	medium capacity	increasing
3.8.6	Impacts of tourism / visitor / recreation	extensive	on-going	significant	high capacity	increasing
3.9 Other human activities						
3.9.1	Illegal activities	localised	intermittent or sporadic	significant	medium capacity	increasing
3.9.2	Deliberate destruction of heritage	restricted	one off or rare	significant	low capacity	increasing
3.10 Climate change and severe weather events						
3.10.2	Flooding	localised	intermittent or sporadic	minor	high capacity	static
3.10.3	Drought	extensive	intermittent or sporadic	significant	high capacity	static
3.10.6	Temperature change	widespread	on-going	significant	medium capacity	static
3.11 Sudden ecological or geological events						
3.11.6	Fire (wildfires)	restricted	one off or rare	minor	high capacity	static
3.12 Invasive/alien species or hyper-abundant species						
3.12.2	Invasive/alien terrestrial species	localised	frequent	significant	medium capacity	increasing
3.12.3	Invasive / alien freshwater species	widespread	on-going	significant	high capacity	increasing

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

3.17.1 - Comments

4. Protection, Management and Monitoring of the Property

4.1. Boundaries and Buffer Zones

4.1.1 - Buffer zone status

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

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

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

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

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

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

4.2. Protective Measures

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

Agreements: Statute of Public Institution (2000); Book of Rules on Internal Order (1996)

Law on Proclaiming National park; Law on Adoption of Physical Plan (1986)

Periodic Reporting Cycle 1 (2001-2006) Section 2

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

Submitted on Friday, November 4, 2005

• Question 6.02

Law on Proclaiming National park
Law on Adoption of Physical Plan, 1986
Statute of Public institution, 2000
Book of Rules on Internal Order, 1996

Comment

Act on Proclamation of Plitvice Lakes National Park (Official Gazete no. 29/49, 13/97) Statute of Public Institution of

Plitvice Lakes National Park (2014) Management Plan for Plitvice Lakes National Park (2007) Decision on the adoption of the Physical Plan for the Plitvice Lakes National Park (OG no. 49/2014)

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

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

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

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

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

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

Steering group, legally constituted

Site manager: the site is under the management of the State Party and protective legislation

Levels of public authority who are primarily involved with the management of the site: national, regional

Periodic Reporting Cycle 1 (2001-2006) Section 2

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

Submitted on Friday, November 4, 2005

• Question 5.02

Steering group or similar management committee has been set up to guide the management of the site

• Question 5.03

Set up date: 1951

Function: -adopt the public institution's articles of association; -adopt management plan for national park, - adopt annual programmes for the protection, maintenance, promotion and use of a protected area; -adopt by-laws as determined by the articles of associations; -adopt the public institution's development plan and annual financial plan and -take decisions on the selection or rather appointing and

relieving employees determined by the public institution's articles of association

Mandate: 4 years
Constituted: legal

• Question 5.05

Overall management system of the site

- o Management by the State Party
- o Management under protective legislation

Comment

Plitvice Lakes National Park is Public Institution, founded by the Government. Public Institution is led by Management Council. Function, mandate and constitution as stated above.

4.3.2 - Management Documents

Title	Status	Available	Date	Link to source
Nacionalni park Plitvicka Jezera Prostorni Plan (Prijedlog) (1976-77)	N/A	Available	01/01/1977	

Comment

Management Plan for Plitvice Lakes National Park (2007) <http://www.np-plitvicka-jezera.hr/files/file/NpPlitvice-management-plan.pdf> Decision on the adoption of the Physical Plan for the Plitvice Lakes National Park (OG no. 49/2014) http://narodne-novine.nn.hr/clanci/sluzbeni/2014_04_49_942.html

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

4.3.5 - Is the management system being implemented?

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

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

An annual work / action plan exists and **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	Fair
Visitors	Fair
Researchers	Good
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 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?

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

4.3.4., 4.3.5. Most of action plans within Management plan should be developed

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)	0%
International donations (NGO's, foundations, etc)	0%
Governmental (National / Federal)	1%
Governmental (Regional / Provincial / State)	0%
Governmental (Local / Municipal)	0%
In country donations (NGO's, foundations, etc)	0%
Individual visitor charges (e.g. entry, parking, camping fees, etc.)	98%
Commercial operator payments (e.g. filming permit, concessions, etc.)	0%
Other grants	1%

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

Title	Year	Amount	Link to source
Expert mission to Plitvice to assess the damage caused by armed conflict and to prepare a project for the rehabilitation of the site	1992	30000.00	
N, Plitvice	1995	30000.00	
Designing and Developing a Dynamic three-dimensional geodetic model of the Plitvice Lakes, travertine barriers and tributaries	1998	16000.00	
Total		76000	

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

The available budget is **sufficient** but further funding would enable more effective management to international best practice standard

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

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

There are **adequate** equipment and facilities

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

Equipment and facilities are **well maintained**

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

4.4.1. Percentage of Governmental part is 0,5, Other grants are 1,5 - it is not possible to insert in table. Individual visitor charges include income from all national park services, in detail: Food 17 % Beverages 6,1 % Camping 0,6 % Hotel accommodation 18 % Park entry fees 40 % Trading goods and services 10,5 % Sales of products and services 3 % Exchange provisions 0,3 % Guiding 0,2 % Other incomes in hotels 0,2 % Renting of business property 0,6 % Other incomes 1,5 %

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	80%
Seasonal	20%

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?

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

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 drafted or in place, but is **not being implemented**

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

4.4.15. There is clear vision of capacity building needs for conservation stuff.

4.5. Scientific Studies and Research Projects

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

Knowledge about the values of the World Heritage property is **sufficient** for most key areas **but there are gaps**

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

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

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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

Please see the list of published papers in eleven pages enclosed to 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	Poor
Local / Municipal authorities within or adjacent to the property	Poor
Local Indigenous peoples	Not applicable
Local landowners	Poor
Visitors	Excellent
Tourism industry	Poor
Local businesses and industries	Poor

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

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

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

World Heritage status has influenced education, information and awareness building activities, **but it could be improved**

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

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

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

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

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Transportation facilities	Adequate
Other	Not needed

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

Regarding question 4.6.2. awareness is much higher than understanding of the existence and justification for inscription of the World Heritage property

4.7. Visitor Management

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

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

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

Entry tickets and registries
Accommodation establishments
Tourism industry
Visitor surveys

4.7.3 - Visitor management documents

Comment

Assesment of visitor management in Plitvice Lakes NP (Eagles, McCool, 2014)

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

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

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

There is contact between those responsible for the World Heritage property and the tourism industry but this is largely **confined to administrative or regulatory matters**

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

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	Excellent
Local / Municipal authorities	Non-existent
Local communities	Non-existent
Researchers	Excellent
NGOs	Poor
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	
3.6	Physical resource extraction						
3.6.4	Water (extraction)	vii, viii, ix	Relocation of water extraction outside of national park	Communication and cooperation with Hrvatske vode (Croatian Waters Public Enterprise)	10 - 20 years	Croatian Waters Plitvice Lakes National Park Nature Protection Directorate	Activity depends on Water Management Sector
3.7	Local conditions affecting physical fabric						
3.7.6	Water (rain/water table)	vii, viii, ix	Project on Hydrodynamic mathematical model od Plitvice Lakes to predict impact of climate change up to 2100	Measuring of all relevant parameters	4 years for project	Plitvice Lakes NP Faculty of Science, University of Zagreb Geotechnical Faculty Varaždin, University of Zagreb	-
3.8	Social/cultural uses of heritage						
3.8.4	Changes in traditional ways of life and knowledge system	ix	Revitalisation of traditional agriculture	Percentage of meadows surface in NP Meadows biodiversity	2007-2017	Plitvice Lakes NP	-
3.8.6	Impacts of tourism / visitor / recreation	vii, viii, ix	An assessment of visitor and tourism management at Plitvice Lakes NP Visitor management study	number of visitors, impact of visitors on nature visitor satisfaction survey	2014 - 2016	Plitvice Lakes NP	the most prioritised activity!
3.10	Climate change and severe weather events						
3.10.6	Temperature change	vii, viii, ix	Project on Hydrodynamic mathematical model od Plitvice Lakes to predict impact of climate change up to 2100	Measuring of all relevant parameters (meteorological)	4 years	Plitvice Lakes NP Faculty of Science, University of Zagreb Geotechnical Faculty Varaždin, University of Zagreb	-
3.12	Invasive/alien species or hyper-abundant species						
3.12.3	Invasive / alien freshwater species	ix	Round table on alien freshwater species issue Starting of Project for revitalisation of autochthonic freshwater species	freshwater species	2014-2020	Plitvice Lakes NP State Institute for Nature Protection	-

5.2. Summary - Management Needs

5.2.2 - Summary - Management Needs

4.4 Financial and Human Resources						
	Actions	Timeframe	Lead agency (and others involved)	More info / comment		
4.4.15	Capacity development plan not implemented	Preparation and adoption of capacity development plan	2014-2015	Plitvice Lakes National Park	-	
4.6 Education, Information and Awareness Building						
4.6.3	There is a limited education and awareness programme	Development of Education and awareness program for employees and local people	2013-2020	Plitvice Lakes NP Nature Protection Directorate	-	
4.7 Visitor Management						
4.7.4	Some management of visitor use of the property but this could be improved	Visitor management study	2014-2016	Plitvice Lakes NP	Study will be developed in cooperation with external experts Steven McCool and Paul Eagles.	

4.7.5	Contact with the tourism industry is largely confined to administrative or regulatory matters	Promotional activity for representatives of local tourism boards and tourism agencies on sustainable tourism in world heritage sites	2014 - 2016	Plitvice Lakes NP	-
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5.3. Conclusions on the State of Conservation of the Property

5.3.1 - Current state of Authenticity

Not applicable (for sites inscribed exclusively under criteria vii to x)

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 **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	Very positive
Research and monitoring	Very positive
Management effectiveness	Very positive
Quality of life for local communities and indigenous peoples	Very positive
Recognition	Very positive
Education	Positive
Infrastructure development	Very positive
Funding for the property	Very positive
International cooperation	Positive
Political support for conservation	Positive
Legal / Policy framework	No impact
Lobbying	No impact
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
External experts

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 concept of 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	Excellent
Site Managers	Excellent
Advisory Bodies	Satisfactory

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

• **Geographic Information Table**

Reason for update: Property 29 685,15 ha Total 29 685,15 ha Park's area was calculated in ESRI ArcGIS software, in 5th zone of Gauss–Krüger projection and included in the Management Plan (2007) and Spatial Plan for Plitvice Lakes National Park (2014)

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