

**1. World Heritage Property Data**

**1.1 - Name of World Heritage Property**

Phong Nha-Ke Bang National Park

**1.2 - World Heritage Property Details**

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

- Viet Nam

**Type of Property**

natural

**Identification Number**

951rev

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

2003

**Comment**

Type of Property: Natural

**1.3 - Geographic Information Table**

17.5372222200106.1512500000 85754.0000

**Comment**

\* Coordinates (longitude / latitude): 170 20' to 17048' N; 1050 46' to 1060 24' E \* Property (ha): 85,754 ha \* Buffer zone (ha): 203,245 ha \* Total (ha): 288,999 ha

**1.4 - Map(s)**

| Title                              | Date       | Link to source  |
|------------------------------------|------------|---|
| Map showing the inscribed property | 31/03/2003 |  |

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

**Comment**

The Ministry of Agriculture and Rural Development (Central Forest Protection Department); The Ministry of Culture, Sport and Tourism (Central Department of Cultural Heritage); The Ministry of Resources and Environment; National Commission of Vietnam for UNESCO; People's Committee of Quang Binh Province; Phong Nha-Ke Bang National Park Management Board.

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

- Luu Minh Thanh  
The Phong Nha – Ke Bang National Park Management Board

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

1. [Natural site datasheet from WCMC](#)

**Comment**

www.phongnhakebang.vn

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

**Comment**

The International Convention Concerning Preserving World Cultural and Natural Heritages; The State Law on Cultural Heritage; The State Law on Forest Protection and Development; The State Law on Land; The State Law on Environment; The State Law on Fisheries.

**2. Statement of Outstanding Universal Value**

**2.1 - Statement of Outstanding Universal Value / Statement of Significance**

**Comment**

The Restrospective Statement of Outstanding Universal Value of Phong Nha-Ke Bang National Park was adopted by the World Heritage Committee by the end of February, 2011.

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

(viii)

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

Phong Nha is part of a larger dissected plateau, which also encompasses the Ke Bang and Hin Namno karsts. The limestone is not continuous and demonstrates complex interbedding with shales and sandstones. This, together with the capping of schists and apparent granites has led to a particularly distinctive topography. The caves demonstrate discrete episodic sequences of events, leaving behind various levels of fossil passages, formerly buried and now uncovered palaeokarst (karst from previous, perhaps very ancient, periods of solution); evidence of major changes in the routes of underground rivers; changes in the solution regime; deposition and later re-solution of giant speleothems and unusual features such as sub-aerial stromatolites. The location and form of the caves suggests that they might owe much of their size and morphology to some as yet undetermined implications of the schists and granites which overlay the limestone. On the surface, there is a striking series of landscapes, ranging from deeply dissected ranges and plateaux to an immense polje. There is evidence of at least one period of hydrothermal activity in the evolution of this ancient mature karst system. The plateau is probably one of the finest and most distinctive examples of a complex karst landform in southeast Asia. In summary, Phong Nha displays an impressive amount of evidence of earth's history. It is a property of very great importance for increasing our understanding of the geologic, geomorphic and geochronological history of the region.

**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**

The Restrospective Statement of Outstanding Universal Value of Phong Nha Ke Bang National Park was adopted by the World Heritage Committee and it is now being reviewed by the Advisory Bodies of the UNESCO.

**3. Factors Affecting the Property**

**3.14. Other factor(s)**

**3.14.1 - Other factor(s)**

Monitoring resources and the social- economic activities within the property by Cameras, GPS and GIS devices.

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                           |   |        |  |  |  |        |
| 3.2.4 Effects arising from use of transportation infrastructure |   |        |  |  |  |        |
| <b>3.3</b>  | <b>Services Infrastructures</b>                 |        |  |  |  |        |
| 3.3.1 Water infrastructure                                      |   |        |  |  |  |        |
| 3.3.2 Renewable energy facilities                               |   |        |  |  |  |        |
| 3.3.4 Localised utilities                                       |   |        |  |  |  |        |
| 3.3.5 Major linear utilities                                    |   |        |  |  |  |        |
| <b>3.4</b>  | <b>Pollution</b>                                |        |  |  |  |        |
| 3.4.2 Ground water pollution                                    |   |        |  |  |  |        |
| 3.4.3 Surface water pollution                                   |   |        |  |  |  |        |
| 3.4.4 Air pollution   |   |        |  |  |  |        |
| 3.4.5 Solid waste   |   |        |  |  |  |        |
| <b>3.5</b>  | <b>Biological resource use/modification</b>     |        |  |  |  |        |
| 3.5.1 Fishing/collecting aquatic resources                      |   |        |  |  |  |        |
| 3.5.2 Aquaculture   |   |        |  |  |  |        |
| 3.5.3 Land conversion   |   |        |  |  |  |        |
| 3.5.4 Livestock farming / grazing of domesticated animals       |   |        |  |  |  |        |
| 3.5.5 Crop production   |   |        |  |  |  |        |
| 3.5.6 Commercial wild plant collection                          |   |        |  |  |  |        |
| 3.5.7 Subsistence wild plant collection                         |   |        |  |  |  |        |
| 3.5.8 Commercial hunting  |   |        |  |  |  |        |
| 3.5.9 Subsistence hunting                                       |   |        |  |  |  |        |
| 3.5.10 Forestry /wood production                                |   |        |  |  |  |        |
| <b>3.6</b>  | <b>Physical resource extraction</b>             |        |  |  |  |        |
| 3.6.2 Quarrying   |   |        |  |  |  |        |
| 3.6.4 Water (extraction)  |   |        |  |  |  |        |
| <b>3.8</b>  | <b>Social/cultural uses of heritage</b>         |        |  |  |  |        |
| 3.8.1 Ritual / spiritual / religious and associative uses       |   |        |  |  |  |        |
| 3.8.3 Indigenous hunting, gathering and collecting              |   |        |  |  |  |        |
| 3.8.6 Impacts of tourism / visitor / recreation                 |   |        |  |  |  |        |
| <b>3.9</b>  | <b>Other human activities</b>                   |        |  |  |  |        |
| 3.9.1 Illegal activities  |   |        |  |  |  |        |
| <b>3.10</b>   | <b>Climate change and severe weather events</b> |        |  |  |  |        |
| 3.10.1 Storms   |   |        |  |  |  |        |
| 3.10.2 Flooding   |   |        |  |  |  |        |
| 3.10.3 Drought  |   |        |  |  |  |        |
| 3.10.6 Temperature change                                       |   |        |  |  |  |        |
| 3.10.7 Other climate change impacts                             |   |        |  |  |  |        |
| <b>3.11</b>   | <b>Sudden ecological or geological events</b>   |        |  |  |  |        |

|               | Name  | Impact  |          |          |        | Origin  |
|---------------|---|---|----------|----------|--------|---------|
| 3.11.4        | Avalanche/ landslide                        |   |          |          |        |         |
| 3.11.6        | Fire (wildfires)                            |   |          |          |        |         |
| <b>3.12</b>   |   | <b>Invasive/alien species or hyper-abundant species</b> |          |          |        |         |
| 3.12.1        | Translocated species                        |   |          |          |        |         |
| 3.12.2        | Invasive/alien terrestrial species          |   |          |          |        |         |
| 3.12.3        | Invasive / alien freshwater species         |   |          |          |        |         |
| 3.12.5        | Hyper-abundant species                      |   |          |          |        |         |
| <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

|        | Spatial scale                                    | Temporal scale | Impact                   | Management response | Trend           |            |
|--------|--|----------------|--------------------------|---------------------|-----------------|------------|
| 3.1    | Buildings and Development                        |                |                          |                     |                 |            |
| 3.1.1  | Housing  | restricted     | intermittent or sporadic | insignificant       | high capacity   | decreasing |
| 3.10   | Climate change and severe weather events         |                |                          |                     |                 |            |
| 3.10.2 | Flooding   | widespread     | frequent                 | insignificant       | medium capacity | increasing |
| 3.10.6 | Temperature change                               | widespread     | intermittent or sporadic | insignificant       | medium capacity | increasing |
| 3.12   | Invasive/alien species or hyper-abundant species |                |                          |                     |                 |            |
| 3.12.5 | Hyper-abundant species                           | restricted     | intermittent or sporadic | insignificant       | high capacity   | static     |

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

#### 3.17.1 - Comments

The floods and storms occurs yealy in Phong Nha-Ke Bang area. However, these factors do not affect the Outstanding Universal Values of the property.

## 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

None

## 4.2. Protective Measures

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

The whole are inside Phong Nha- Ke Bang National Park including land, forest resources, landscape, caves and historical relics with a total area of 147,945 ha is owned by the state according to the following decisions:

- Decision N° 194/ CT dated 9/8/1986 by the Chairman of the Council of Ministers on the establishment of Phong Nha Nature Reserve.
- Decision N° 194/ QD/UB dated 18 November 1993 by the People's Committee of Quang Binh province on establishing the management board of Phong Nha Nature Reserve

· Decision N°236 dated 12 December 1986 by the Minister of Culture and Information to recognize Phong Nha-Xuan Son as a national relic landscape area.

· Decision N° 914 QD/UB dated 3 December 1998 by the People's Committee of Quang Binh province on approval of the technical and economic management plan for Phong Nha Nature Reserve.

· Decision N° 315/UB dated 1 August 2000 by the Quang Binh People's Committee on approval of the management plan of Phong Nha – Ke Bang National Park.

· Official Dispatch N° 741/BNN-KH of the Ministry of Agriculture and Rural Development dated 8 March 2000 on proposing Prime Minister to approve the management plan of Phong Nha – Ke Bang National Park.

· Agreement Official Dispatch N° 1330/BKHCNMT-MTG dated 19 May 2000 by the Ministry of Planning and Investment on proposing Prime Minister to change the Phong Nha Nature Reserve to the Phong Nha-Ke Bang National Park.

#### Comment

In addition to these above designitions, Phong Nha-Ke Bang National Park is effectively managed under conventions and relevant laws such as: The International Convention on Preserving the World Natural and Cultural Heritage Sites; The Environmental Protection Law (2005); the Cultural Heritage Law 2001 (amended in 2009); the Bio-Diversity Law (2009); the Tourism Law 2005; the Land Law; the Law on Forest Protection and Development.

#### 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 **excellent** capacity / resources to enforce legislation and / or regulation in the World Heritage property

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

- Although the property area is very large and the population density in the bufferzone is very high, protective measures used to manage the property are effectively and fully implemented; Therefore, the Outstanding Universal Value of the property is still kept intact.

**4.3. Management System / Management Plan**

**4.3.1 - Management System**

- At the present time the management board of Phong Nha – Ke Bang National Park has two sections with different tasks.
- The forest resources and biodiversity protection activities are overseen by the management board of Phong Nha – Ke Bang National Park in the following ways:
  - ✓ Set up nine forest guard posts and a mobile patrol unit, the main duties of them are to prevent illegal hunting and tree cutting.
  - ✓ To put into effect education programmes for increasing the awareness of local people and authorities about nature conservation.
  - ✓ To implement the programmes in the buffer zone (with a total area of 195,400ha) to improve the living standards of local people and involve them in forest and biodiversity conservation.
- The conservation of the cave system, historical relic landscapes and the development of tourist services are conducted by the Phong Nha historical relic and landscape management board.
- In generally, both management boards lack equipment and good condition to fulfill their duties.

**Comment**

The Ministry of Culture, Sport and and Tourism of Viet Nam is responsible for the overall management of the property. The National Committee of UNESCO of Viet Nam is responsible for international aspects of management activities. The People's Committee of Quang Binh Province has direct responsibility for the administration and management of territory within its jurisdiction. The Phong Nha-Ke Bang National Park Management Board is responsible for management of the existing World Heritage area.

**4.3.2 - Management Documents**

**Comment**

A sustainable tourism development plan in Phong Nha Ke Bang National Park from 2010 to 2020 and vision to 2025. Overall plan on economic and social development of Quang Binh province from 1997 to 2010. Project on inter-border biodiversity conservation between Kham Muon in Laos and Quang Binh province in Vietnam. A program on conserving natural resources on limestone mountain of Phong Nha-Ke Bang region.

**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 **excellent coordination** between all bodies / levels involved in the management of the property

**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 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 **most or all activities** are being implemented and monitored

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

|                               |      |
|-------------------------------|------|
| Local communities / residents | Good |
| Local / Municipal authorities | Good |
| Indigenous peoples            | Fair |
| Landowners                    | Good |
| 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 directly **participate** in all relevant decisions relating to management, i.e. co-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 participate in **all relevant** decisions relating to management, i.e. co-management

**4.3.10 - Is there cooperation with industry (i.e. forestry, mining, agriculture, etc.) regarding the management of the World Heritage property, buffer zone and / or area surrounding the World Heritage property and buffer zone?**

There is **little or no contact** with industry regarding the management of the World Heritage property, buffer zone and / or area surrounding the World Heritage property and buffer zone

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

The requirements of the International Convention concerning protection of the World Cultural and Natural Heritages, recommendations of the World Heritage Committee and other regulations issued by both the Vietnamese Government and the Quang Binh Province are well taken into account by the Management Board; Advice from UNESCO's experts is fully considered. All projects need to have approved Environmental Impact Assessment by the legal authority.

**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**

During the period of 2003 to 2010, the Management Board and local government have effectively implemented a number of conservation measures. A wide range of legal documents, plans and technical solutions that serve the management of the property have been issued. Therefore, management and protection of ecological environment and socio-economic activities on Phong Nha Ke Bang National Park have been increasingly improved.

**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)                     | 5%  |
| Governmental (National / Federal)                                     |     |
| Governmental (Regional / Provincial / State)                          | 55% |
| 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)**

**Comment**

The management board received the budget of 5,000\$ from World Heritage Fund and used for strengthening the conservation management.

**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?**

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

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

Finance and infrastructure are adequate to manage the property.

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

|           |      |
|-----------|------|
| Full-time | 100% |
| Part-time |      |

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

|           |      |
|-----------|------|
| Permanent | 100% |
| Seasonal  |      |

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

|           |      |
|-----------|------|
| Paid      | 100% |
| Volunteer |      |

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

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                        | Good |
| Community outreach               | Good |
| Interpretation                   | Fair |
| Education                        | Fair |
| Visitor management               | Good |
| Conservation                     | Good |
| Administration                   | Good |
| 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               | 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 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**

Human resources are sufficient to manage the property. However, there should be some training courses for improving the working experience and skills of the staff yearly.

**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**

There are many researching works of many domestic and international experts implementing the researches and assessment the values of Phong Nha Ke Bang National park Heritage site: - Ziegler, Ohler, Vũ Ngọc Thành, Lê Khắc Quyết, Nguyễn Xuân Thuần, Linh Huy Trí, Bùi Ngọc thành, 2005. Record new reptiles in Phong Nha Ke Bang and surroundings. - Ziegler, Herrmann, Vũ Ngọc Thành, Lê Khắc Quyết, Nguyễn Tấn Hiệp, Cao Xuân Chính, Lưu Minh Thành, Linh Huy Trí, 2004. Reptiles and amphibians in Phong Nha Ke Bang National park. - Ziegler, Lê Khắc Quyết, 2006. New snake species in the centre of Truong Son, Vietnam. - Ziegler, Ohler, Vũ Ngọc Thành, Lê Khắc Quyết, 2005. Discover a new species in Annamite range, Vietnam. - Nguyễn Thái Tự, 2004. Conservation the diversity of valuable and unique fish species in Phong Nha Ke Bang Limestone Mountain. - Nguyễn Nghĩa Thìn, 2006. Report of vegetation in Phong Nha Ke Bang National park. - Leonid V. Averyanov, 2005. Preliminary survey of orchid species in Phong Nha Ke Bang National park. - Lỗ Tước, 2006. Report of animals in Phong Nha Ke Bang National park. - National Geographic, Discovery of the biggest cave of the World in Vietnam. Furthermore, there are also many articles on Phong Nha Ke Bang World Natural Heritage which are published on domestic and international newspapers and magazines.

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

Phong Nha-Ke Bang National Park is rich in tourism potential and hidden values. However, studies and surveys of these have not been fully and extensively implemented. Therefore, further researches to clarify these values for the conservation and enhancement of the property should be continued.

**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   | Excellent |
| Local landowners   | Average   |
| Visitors   | Average   |
| Tourism industry   | Excellent |
| Local businesses and industries                                  | Excellent |

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

There is a **planned and effective** education and awareness programme that contributes to the protection of the World Heritage property

**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 been an **important influence** on education, information and awareness building activities

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

There is **excellent presentation and interpretation** of the Outstanding Universal Value of the property

**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              | Excellent |
| Trails / routes           | Excellent |
| Information materials     | Excellent |
| Transportation facilities | Adequate  |
| Other                     |           |

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

Heritage Management board associated with the projects in region have undertaken many programs for propaganda, education and raising awareness of authorities and local people. Currently, these objects cooperate better with management Board in the conservation and promotion of heritage value.

**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 | Decreasing     |
| 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              |
| Other                        |

**4.7.3 - Visitor management documents**

**Comment**

- Management Regulation of Phong Nha-Ke Bang National Park is issued enclosing with Decision No. 18/2007/QD-UBND dated 16/08/2007 of Quang Binh PPC. - Decision No. 313/QD-VQG dated 19 May 2004 by the Director of Phong Nha-Ke Bang National Park on specifying the functions, duties and organizational structure of Cultural and Ecological Tourist Centre. - Internal rules and regulations of Phong Nha Ke Bang National Park management Board at tourist sites.

**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 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 last few years, number of tourists visiting Phong Nha-Ke Bang National Park is not stable and tourism in this area is seasonal. Currently, the management of visitors at tourist spots in and outside the Heritage area is good implemented so that the negative impacts of visitors to the Heritage almost did not happen.

**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                    | Excellent |
| Local communities                                | Average   |
| Researchers                                      | Excellent |
| NGOs   | Excellent |
| Industry   | Average   |
| Local indigenous peoples                         | Average   |

**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**

Phong Nha-Ke Bang National Park Management Board complies and well implements the recommendations of the World Heritage Committee.

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

Phong Nha-Ke Bang region is a dense population place with many economic, social activities. However, by the effective monitoring of Phong Nha-Ke Bang National Park Management Board, it reduces pressure on the global outstanding values of Heritage.

**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                   |  |
|---------------|---|--|---|-----------|-------------------------------------|---------------------------------------|--|
| <b>3.1</b>    | <b>Buildings and Development</b>                        |  |   |           |                                     |                                       |  |
| <b>3.1.1</b>  | <b>Housing</b>  |  |   |           |                                     |                                       |  |
| <b>3.10</b>   | <b>Climate change and severe weather events</b>         |  |   |           |                                     |                                       |  |
| <b>3.10.2</b> | <b>Flooding</b>   | World Heritage criteria and attributes are not affected. | The management board has the plan to prevent the flood every year |           | From October to November every year | The management board of national park | World Heritage criteria and attributes are not affected. |
| <b>3.10.6</b> | <b>Temperature change</b>                               | World Heritage criteria and attributes are not affected. | none  |           |                                     |                                       | none   |
| <b>3.12</b>   | <b>Invasive/alien species or hyper-abundant species</b> |  |   |           |                                     |                                       |  |
| <b>3.12.5</b> | <b>Hyper-abundant species</b>                           |  |   |           |                                     |                                       |  |

### 5.2. Summary - Management Needs

#### 5.2.2 - Summary - Management Needs

| 4.3 Management System / Management Plan |   |           |                                   |                     |  |  |
|---|---|-----------|-----------------------------------|---------------------|--|--|
|   | Actions   | Timeframe | Lead agency (and others involved) | More info / comment |  |  |
| <b>4.3.10</b>                           | <b>There is little or no contact with industry regarding management</b> | None      |                                   |                     | There is little contact with industry regarding management |  |

**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 Phong Nha - Ke Bang National Park Management Board has made their effort to manage and protect the property so that up to now the state of conservation of the property has been well preserved.

**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                                      | Positive      |
| Management effectiveness                                     | Very positive |
| Quality of life for local communities and indigenous peoples | Positive      |
| Recognition  | Positive      |
| Education  | Positive      |
| Infrastructure development                                   | Positive      |
| Funding for the property                                     | Positive      |
| International cooperation                                    | Very positive |
| Political support for conservation                           | Positive      |
| Legal / Policy framework                                     | Positive      |
| Lobbying   | Positive      |
| Institutional coordination                                   | Positive      |
| Security   | Positive      |
| Other (please specify)                                       | Positive      |

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

Phong Nha-Ke Bang National Park Management Board is carrying out good conservation of heritage values. Therefore, the outstanding universal value of Phong Nha-Ke Bang World Heritage is still protected intactly

**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 |
| Staff from other World Heritage properties             |
| External experts                                       |
| Advisory bodies  |

**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**

None

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

|                            |           |
|----------------------------|-----------|
| UNESCO                     | Very good |
| State Party Representative | Very good |
| Advisory Body              | Very good |

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

Most of the required information was accessible

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

|   |
|---|
| The World Heritage Convention                                     |
| The concept of Outstanding Universal Value                        |
| The property's Outstanding Universal Value                        |
| The concept of Integrity and / or Authenticity                    |
| The property's Integrity and / or Authenticity                    |
| Managing the property to maintain the Outstanding Universal Value |
| Monitoring and reporting  |
| Management effectiveness  |

**6.9 - Please rate the follow-up to conclusions and recommendations from previous Periodic Reporting exercise by the following entities**

|                 |           |
|-----------------|-----------|
| UNESCO          | Excellent |
| State Party     | Excellent |
| Site Managers   | Excellent |
| Advisory Bodies | Excellent |

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

• **Statement of Outstanding Universal Value / Statement of Significance**

Reason for update: The Restrospective Statement of Outstanding Universal Value of Phong Nha-Ke Bang National Park was adopted by the World Heritage Committee by the end of February, 2011.

• **Geographic Information Table**

Reason for update: \* Coordinates (longitude / latitude): 170 20' to 17048' N; 1050 46' to 1060 24' E \* Property (ha): 85,754 ha \* Buffer zone (ha): 203,245 ha \* Total (ha): 288,999 ha

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

The Periodic Reporting Exercise is necessary because it helps the Management Board of the property to know negative and positive issues in managing the world property so that they can give out a better solution for conservation. In the other hand, it also helps the UNESCO know the status of the world heritage conservation of the property.