

Convention concerning the Protection of the World Cultural and Natural Heritage
 Periodic reporting of the African sites inscribed on the World Heritage List

II.1. Introduction

a	State Party	THE UNITED REPUBLIC OF TANZANIA	001
b	Indicate the name of the property as inscribed on the World Heritage List	SERENGETI NATIONAL PARK	002
c	Indicate the geographical co-ordinates to the nearest second	Localisation: Latitude: 001°30' - 003°20'S Longitude: 034°00' - 036°15'E	003
d	Date of inscription on the World Heritage List	1981	004
e	Organisation(s) or entity(ies) responsible for the preparation of this report. Give the necessary details to enable possible contact.	Organisation: TANZANIA NATIONAL PARKS Person responsible: DIRECTOR GENERAL Address: P.O. BOX 3124 City and post code: ARUSHA Telephone: 255 027 254 8040 Fax: 255 027 254 8016 E-mail: tanapa @ palw. lavani. co. ke	005 006 007 008
f	Date of the report	04-02-2001	009
g	Signature on behalf of the State Party	Surname and given name: HANDE, JUSTIN N. Function: PARK MANAGER	010

II.2. Statement of significance

II.2.1. Information provided at the time of inscription

a	At the time of inscription of a property on the World Heritage List, the World Heritage Committee indicates its World Heritage values by deciding on the criteria for inscription. Please indicate the justification for inscription provided by the State Party.	Justification for the inscription provided by the State Party <i>Protection of large mammal (terrestrial) migrants and their habitat.</i>	008
b	as well as the criteria according to which the Committee inscribed the property on the World Heritage List. Circle the numbers of the relative criteria.	Criteria retained for the inscription: Cultural criteria: i - ii - iii - iv - v - vi Natural criteria: i - ii - iii - iv	009 010
c	Observations made by the advisory body during evaluation		011
d	Observations made by the World Heritage Committee at the time of inscription		012
e	Reactions to these observations		013

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II.2.2. Update of the statement of significance

a	In the view of the State Party, does the statement of significance adequately reflect the World Heritage values of the property?	YES / NO	000
b	or is a re-submission necessary? This could be considered, for example, to recognise cultural values of a natural World Heritage property, or vice-versa. This may become necessary either due to the substantive revision of the criteria by the World Heritage Committee or due to better identification or knowledge of specific outstanding universal values of the property.	Is there cause to reconsider these values? YES / NO If YES, why?	000
c	Another issue that might be reviewed here is whether the delimitation of the World Heritage Property, and its buffer zone if appropriate, is adequate to ensure the protection and conservation of the World Heritage values embodied in it.	Does the delimitation of the World Heritage property seem adequate: YES / NO Does the delimitation of the buffer zone seem adequate YES / NO	000
d	A revision or extension of the boundaries might be considered in response to such a review.	Is the State Party considering asking for a revision of the boundaries: YES / NO	000
e	If a statement of significance is not available or incomplete, it will be necessary, in the first periodic report, for the State Party to propose such a statement. The statement of significance should <ul style="list-style-type: none"> • reflect the criterion (criteria) on the basis of which the Committee inscribed the property on the World 	New statement of significance: <i>part of the important migratory habitat is in Masai Mara National Reserve which is not part of the site. Probably if included the significance will change depending on what Kenya will propose.</i>	000

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<p>Heritage List.</p> <ul style="list-style-type: none">• It should also address questions such as: What does the property represent, what makes the property outstanding, what are the specific values that distinguish the property, what is the relationship of the site with its setting, etc. Such statement of significance will be examined by the advisory body(ies) concerned and transmitted to the World Heritage Committee for approval, if appropriate.	
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II.3. Statement of authenticity / integrity

<p>a Under this item it is necessary to review whether the values on the basis of which the property was inscribed on the World Heritage List, and reflected in the statement of significance under item II.2 above, are being maintained.</p> <p>This should also include the issue of authenticity/integrity in relation to the property.</p>	<p>What was the evaluation of the authenticity / integrity of the property at the time of inscription?</p> <p><i>The significance of the site as a last natural migratory habitat was the basis for its inscription.</i></p>	<p>000</p>
<p>b What is the authenticity/integrity of the property at present?</p>	<p>Have there been changes in the authenticity / integrity since inscription?</p> <p>YES / NO <i>Some surrounding areas are shrinking which were part of the habitat for migrants - settlements</i></p> <p>Are changes in the authenticity / integrity of the property foreseeable in the near future?</p> <p>YES / NO</p> <p>What are the main causes of changes in the authenticity / integrity since inscription?</p> <p><i>Human expansion into the buffer areas has had some impact. Part of the animal range has been lost to human settlement especially to the west and north west although some areas have been gazetted as Game Reserves - Ganneti-Ikuruam</i></p> <p>Modifications to the authenticity / integrity since inscription?</p> <p><i>No modification of the site has occurred</i></p>	<p>000</p>
<p>c Please note that a more detailed analysis of the conditions of the property is required under item II.6 on the basis of key indicators for measuring its state of conservation.</p>	<p>Have the values on the basis of which the property was inscribed been maintained?</p> <p>YES / NO</p>	<p>000</p>

II.4. Management

II.4.1. Legal and institutional framework

<p>a Under this item, it is necessary to report on the implementation and effectiveness of protective legislation at the national, provincial or municipal level and/or contractual or traditional protection as well as of management and/or planning control for the property concerned,</p>	<p>Ownership: <input checked="" type="checkbox"/> State - <input type="checkbox"/> Region - <input type="checkbox"/> Private</p> <p>Legal status: <i>National Park</i></p> <p>Legal framework (national and local) <i>National</i></p> <p>Institutional framework (local) <i>National</i></p>	000
	<p>Agency(ies) responsible for the management:</p> <p>Responsible: <i>TANZANIA NATIONAL PARKS</i> Address: <i>BOX 3134, ARUSHA,</i> Post code and city: <i>ARUSHA, TANZANIA</i> Telephone: <i>254 8040</i> Fax: <i>254 8216</i> E-mail: <i>tanapa@habari.co.tz</i> <i>yako.</i></p>	000
<p>b as well as on actions that are foreseen for the future, to preserve the values described in the statement of significance under item II.2.</p>	<p>Actions foreseen to preserve the values for the future</p> <p><i>Elaborate outreach programmes to address local community needs and monitoring of the quality of the resources against the acceptable uses and infrastructural developments. This has been developed through Management Zone Plans and Guidelines on Impact Assessment</i></p>	000

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II.4.2. Management and planning

<p>a The State Party should also report on significant changes in the ownership, legal status and/or contractual or traditional protective measures, management arrangements and management plans as compared to the situation at the time of inscription or the previous periodic report.</p>	<p>Under which authority is the property managed:</p> <p>the site - <i>Parastatal Organisation</i> the region central administration</p> <p>Changes occurred at the site since inscription with regard to :</p> <p>ownership - <i>none</i> legal status - <i>none</i> protective measures - <i>involvement of communities</i> boundaries - <i>none</i> available resources - <i>some wild animals are declining eg buffaloes</i></p>	<p>000</p>
<p>b In such case, the State Party is requested to attach to the periodic report all relevant documentation, in particular legal texts, management plans and/or (annual) work plans for the management and maintenance of the property</p> <p>Indicate the different plans relating to the property, prepared and/or implemented by different authorities (national, regional, local) and which have a direct influence on the way in which the property is developed, conserved, utilised or visited. You may provide either a substantial summary of these plans, or significant extracts, or the complete plan in annex to this form.</p>	<p>Registered plans relating to the property:</p> <p>regional plan: local plan: <i>GMP, CCS Action Plan</i> conservation plan: <i>Ecology Strategic Action Plan</i> tourism development plan: <i>M&P</i></p> <p>etc.</p>	

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II. 4.3. Management plan of the site and statement of objectives

<p>a The management plan is a basic tool for the management of the site designed to organise the conservation and to base the actions for development relative to the property. Brief extracts of the management plan could be cited and the plan could be joined in annex to the dossier.</p>	<p>Does a functional management plan exist: YES / NO ✓</p> <p>Is a management plan being prepared or updated : YES / NO ✓</p> <p>Has the local community been consulted and informed about the management plan: YES / NO ✓</p> <p>Does the management plan take into account the available human resources: YES / NO ✓</p> <p>Does the management plan take into account the actual financial resources: YES / NO ✓</p> <p>Does the management plan include aspects of personnel training: YES / NO ✓</p> <p>Does the management plan include zoning and multiple uses of the site : YES / NO ✓</p> <p>Does the management plan take account of a delimited buffer zone : YES / NO ✓</p> <p>Does the management plan include regular monitoring actions of the site : YES / NO ✓</p>	<p>000</p>
<p>b</p>	<p>Implementation of the management plan:</p> <p>In accordance with specific legislation ✓</p> <p>Agency responsible for the implementation: Governmental institution ✓ NGO</p> <p>Involvement of the local community in the implementation of the management plan : YES / NO ✓</p>	<p>000</p>

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	<p>Evaluation of the management plan: Periodicity: Defined indicators: Trained personnel:</p> <p>Revision scheduled every <u>5</u> years</p>	
<p>c (provide a copy of the plan in annex)</p>	<p>Financial support for the implementation of the management plan: No financing foreseen Financing guaranteed National financing Bilateral financing Intergovernmental financing <i>would probably be financed by NGOs</i></p> <p>Obstacles to the implementation of the management plan : Lack of funds ✓ Lack of trained personnel ✓ Administrative or legislative problems</p> <p>Date of implementation of the present management plan: <u>1991 — 1995</u></p>	<p>000</p>
<p>c Full name and address of the agency or person directly responsible for the property should also be provided.</p>	<p>Person responsible for the property : Name : <i>Serengeti National Park</i> Function: <i>Conservation</i> Address: <i>P.O. Box 9134</i> Post code and city: <i>ARUSHA</i> Telephone: <i>255-0282621510</i> Fax: <i>255-0282621515</i> E-mail: <i>lanaparet@aficaonline.co.tz</i></p>	<p>000</p>

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11.4.4. Capacities in human and financial resources at site level

<p>a The State Party should also provide an estimate of the site's human resources,</p>	<p>Human resources</p> <p>Level of staff:</p> <p>1. Management: //</p> <p>2. Managerial staff / engineers (number, role) :</p> <p>3. Manpower (number, role) :</p> <p>Guards 160 Trackers Chauffeurs Secretaries 5 Workers others 200 Unskilled workers - 50</p> <p><i>Skills vary in each departmental level</i></p>	<p>000</p>
<p>b and the financial resources available and necessary for the management of the property,</p>	<p>Regular financial resources:</p> <p>Sources and level of financing: <i>Own / external sources</i></p> <p>Income generated directly by management: Type - <i>Revenue from visitors</i> Amount <i>US \$4,500,000.</i> Utilisation</p>	<p>R</p>
<p>c as well as an estimate of its personnel needs.</p>	<p>Personnel training needs</p> <p>Observed shortcomings: <i>Socio-economic</i></p> <p>Personnel training needs :</p> <p>Types of training desired: <i>Park Planning & Tourism Promotion / Development</i></p>	<p>000</p>

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II.4.5. Additional information concerning protection and conservation

<p>a Protection and conservation</p>	<p>Sources of expertise for the training in conservation and management techniques :</p> <p><i>within and outside the country</i></p> <p>Protection measures and means of implementation:</p> <p><i>within the country</i></p> <p>Existing local programmes:</p> <p><i>training schools in the country at Ninda and Pasiansi</i></p> <p>Policies and programmes for the safeguard of the site (status of implementation):</p> <p><i>TANAPA Policy</i></p> <p>Financing (origin, amount): <i>within and external support.</i></p>	<p>000</p>
<p>b Technical assistance:</p> <p>Indicate technical assistance from which the property has benefited, either from a United Nations agency, or from bilateral cooperation.</p>	<p>Technical assistance provided by the United Nations system:</p> <ul style="list-style-type: none"> <input checked="" type="checkbox"/> a. World Heritage Centre <input type="checkbox"/> b. UNESCO International Campaign <input type="checkbox"/> c. National and/or regional projects of the UNDP or another agency <input checked="" type="checkbox"/> d. Other assistance <p>Technical assistance provided by bilateral co-operation <i>EV</i></p>	<p>000</p>

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II.4.6. Scientific, technical and educational activities

<p>a The State Party is also encouraged to provide information on scientific studies,</p>	<p>Scientific studies</p> <p>Research facilities at the site: <i>Library</i></p> <p>Laboratories: <input checked="" type="checkbox"/></p> <p>Housing for researchers: <i>Present</i></p> <p>Vehicles: <i>Researchers have their own vehicles</i></p> <p>Scientific equipment: <input checked="" type="checkbox"/></p> <p>Databases: <input checked="" type="checkbox"/></p> <p>Herbaria: no <input checked="" type="checkbox"/></p> <p>Zoological collections: <i>limited</i></p> <p>Skilled personnel (technicians, laboratory staff) <i>- few</i></p>	<p>000</p>
<p>b On research projects: for each research programme carried out at the site, provide relevant information.</p>	<p>Research and development programmes</p> <p>Name of the programme: <i>Serengeti Biodiversity Programme</i></p> <p>Agency(ies) sponsoring the research: <i>British Columbia University</i></p> <p>Participation of national and/or foreign teams: <i>Yes</i></p> <p>Objectives of the programme: <i>Biodiversity Inventory, establish changes in ecosystem.</i></p> <p>Progress status: <i>ongoing, Doctorate students graduated</i></p> <p>Results obtained:</p> <p>Publications: <i>Available: 1. Effects of defoliation, Density, & Nitrogen fertilization on plant growth.</i></p> <p>Human resources involved: <i>- field officers, TAWIRI</i> <i>- Students, attached British Columbia University.</i></p> <p><i>2. Ecosystem health report.</i></p>	<p>000</p>
<p>c New management techniques: Including computerised management, as well as database management, access to the Internet or the creation of a Geographical Information System.</p>	<p>New management techniques</p> <p>Availability of computer equipment: <input checked="" type="checkbox"/></p> <p>Type</p> <p>Capacity</p> <p>Year</p> <p>Possible access to the Internet: <i>YES / NO</i></p> <p>Operational access to the Internet: YES / NO</p> <p>Use of the E-mail: <i>YES / NO</i></p> <p>Is there a Geographical Information System for the site: <i>NO</i></p>	

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	planned? in progress? operational ?	
d Educational activities, if there are educational programmes aimed at schools	<p>Educational activities</p> <p>Does the site receive schools' visits? How many? <i>Last year →</i></p> <p>Are there educational programmes aimed at schools : <input checked="" type="checkbox"/> YES / NO</p> <p>Is there an environmental education policy: <input checked="" type="checkbox"/> YES / NO <i>we dont have a policy but a small programme with schools and communities</i></p> <p>Which themes, target public, means for implementation. <i>- Environmental protection targeted to surrounding communities through public fora, seminar, video shows, visitation to parks, etc</i></p>	000
e Public information activities and awareness building in direct relation to the property: indicate how the property's World Heritage values are transmitted to residents, visitors and the public.	<p>Public information and awareness building</p> <p>How are general public information activities organised,? <i>- Thro' seminars - Public meetings - by news media</i></p> <p>How are the World Heritage values transmitted to residents and visitors? <i>Awareness creation programmes</i></p>	000

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	<p>Residents → Benefit sharing programmes → Facilitate park visits & education programmes.</p> <p>visitors → ^{thru} Nature viewing & photographing → Thru' provision of information</p>	
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II.4.7. Diverse elements

<p>a Other elements could be mentioned, for example:</p> <ul style="list-style-type: none"> • whether the site has a plaque identifying it as a World Heritage site; • whether special events and exhibitions are organised; • what infrastructures, welcome centre, site museum, special paths, guides, information material, etc. are available to the visitor; • the impact of World Heritage inscription on the programmes and activities. 	<p>World Heritage logo plaque ✓</p> <p>World Heritage property signs</p> <p>Visitor information/interpretation centre ✓</p> <p>Site museum</p> <p>Discovery paths ✓</p> <p>Hotel infrastructure (lodging, restaurant) ✓</p> <p>Parking lot ✓</p> <p>Toilets ✓</p> <p>First aid and rescue station - <i>Medical facility (dispensary)</i> <i>- Flying doctor services</i></p> <p>Ad hoc personnel and training received</p> <p>Information material: leaflets, books, slides, videos, CD-ROMs, etc. ✓ ✓ ✓ ✓</p> <p>Open house days</p> <p>Special events or exhibitions</p> <p>Targeted communication actions: radio, tv, press ✓ ✓ ✓</p> <p>Impact of inscription on visitor numbers</p> <p>Other actions:</p>	<p>000</p>
<p>b Based on a management study of the property, the State Party might wish to consider whether a significant revision of the legislative and administrative texts governing the property could be advisable.</p>	<p>Is it necessary to revise the legislative texts governing the property: YES / NO</p> <p>Is it necessary to revise significantly the administrative texts governing the property</p>	

	YES / NO	
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Annexes : Attach legal texts, management plans, work plans, information documents, etc.

II.5. Factors affecting the property

II.5.1. Degree to which the property is threatened

<p>a Please comment on the degree to which the property is threatened by particular problems and risks.</p> <p>Factors that could be considered under this item are those that are listed in the nomination format, e.g. development pressures,</p>	<p>Development pressures:</p> <p>Visual integrity:</p> <ul style="list-style-type: none"> Sites Waste and refuse Constructions Buildings Badly integrated infrastructures Illegal grazing and overgrazing Wood cutting and clearing <i>illegal hunting and human expansion</i> <p>Structural integrity:</p> <ul style="list-style-type: none"> Roads Dams Mines Water pollution (type, source, scope, consequences, cost) Air pollution (type, source, scope, consequences, cost) Earth pollution (type, source, scope, consequences, cost) ✓ Disappearance or significant reduction of animal or Vegetal species <p>Functional integrity:</p> <ul style="list-style-type: none"> Conservation of biological productivity ✓ Conservation of diversity Functioning of the cycles (water, etc.) 	<p>000</p>
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<p>b environmental pressures</p>	<p>Environmental pressures: <i>Drought</i></p> <p>Visual integrity:</p> <p style="padding-left: 40px;">Modifications of the relief Modification of the vegetal cover</p> <p>Structural integrity:</p> <p style="padding-left: 40px;">Disappearance of significant reduction of animal or vegetable species Reintroduction of animal or vegetable species Rehabilitation of ecosystems or natural environments Suppression of introduced animal or vegetable species</p> <p>Functional integrity:</p> <p style="padding-left: 40px;">Quality of the life sustaining systems Conservation of biological productivity Conservation of diversity Functioning of the cycles (water, etc.) Predictable climatic changes</p>	<p>000</p>
<p>c natural catastrophes and preparatory planning,</p>	<p>Natural threats and catastrophes (possible or real) concerning the site :</p> <p style="padding-left: 40px;">Earthquakes:</p> <p style="padding-left: 40px;">Land slides:</p> <p style="padding-left: 40px;">Avalanches :</p> <p style="padding-left: 40px;">Floods: ✓</p> <p style="padding-left: 40px;">Droughts: ✓</p> <p style="padding-left: 40px;">Fires: ✓</p>	<p>000</p>

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	Volcanoes: Others:	
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d visitor/tourism pressures,	<p>Tourism and its consequences:</p> <p>Yearly visitor statistics:</p> <p>Number of visitors per year <i>~ 100,000</i> Origin of the visitors <i>America / Europe</i> Evolution of visitor statistics over the years Annual income from tourism <i>US \$ 4.5m</i></p> <p>Accessibility of the site (from the capital ?)</p> <ul style="list-style-type: none">- Distance <i>320km</i>- Paved roads <i>80km from Arusha</i>- Seasonal routes- Airports - <i>three</i> <p>Circulation within the site: for handicapped, - <i>none equipment</i> for vehicles, ✓ <i>four road/tracks</i> according to the seasons - <i>some roads are</i> <i>suited in all weather others not</i></p> <p>Pressures from tourism: Collecting of samples (fauna, flora, objects) Damage (trampling) ✓ Waste management (dustbins, WC) ✓ Fires ✓</p> <p>Tourist infrastructures: Picnic areas, - <i>developed</i> Halts, Waste bins, - <i>exist in camp points</i> Path markers etc..</p> <p>What is the tourist capacity of the site? <i>Appr. 800 people a day can be accommodated</i></p> <p>Can one speak of sustainable tourism?</p> <p><i>Yes</i></p>	000
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<p>e and the number of inhabitants.</p>	<p>Relations with the neighbouring residents of the site</p> <p>Evaluation of the local population <i>~ 20000</i> Number of inhabitants living at the site, <i>~ 100,000</i> Number of inhabitants living in the buffer zone (20 km) Evolution since the creation of the site. <i>(Increase of local population.)</i></p> <p>Geographical distribution of human habitats or the zones of illegal activity <i>N. Western side</i> Villages (location, population) or encampments (duration) <i>pastoralism & agriculture</i> Activities (cf. socio-économique considerations)</p> <p>Cultural specificities of this population - <i>hunting families and livestock keepers</i></p> <p>Socio-economic considerations Main systems of production <i>Agriculture + Livestock Keep.</i> Use of natural resources at the World Heritage site (activities of the inhabitants with regard to the natural environment) Implications on sustainable development ✓ Co-development contracts or agreements with the local population Involvement of the local personnel in the site management ✓</p> <p>Specific problems of refugees Causes Geographic origin Number of refugees Beginning of the phenomenon Consequences Solutions envisaged</p> <p>Insecurity situations and consequences</p>	<p>000</p>
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	<p>Other factors affecting the property Vandalism, theft, looting Deforestation ✓ Poaching ✓ Illegal grazing ✓</p> <p>Indicate steps taken to counteract these threats.</p> <ul style="list-style-type: none"> - Strengthen Antipoaching unit (personell, equipment, motivate staff) - Involve local people in management of these resources, in order to change/improve their attitude towards conservation (create good attitude) <p>Describe the evolution of each of these factors since the inscription of the site on the WH List (increase, stability, decrease)</p> <p>Deforestation → Poaching → Illegal grazing →</p> <p>Was the community involved in the nomination of the site to the World Heritage List: YES / NO</p> <p>In what way?</p>	
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II.5.2. Prevention of threats and natural and human pressures

a	<p>Considering the importance of forward planning and risk preparedness, provide relevant information on operating methods that will make the State Party capable of counteracting dangers that threaten or may endanger its cultural or natural heritage. Problems and risks to be considered could include earthquakes, floods, land-slides, vibrations, industrial pollution, vandalism, theft looting, changes in the physical context of properties, mining, deforestation, poaching, as well as changes in land-use, agriculture, road building, construction activities, tourism. Areas where improvement would be desirable, and towards which the State Party is working should be indicated.</p> <p>This item should provide up-to-date information on all factors which are likely to affect or threaten the property. It should also relate those threats to measures taken to counteract them.</p>	<p>Methods of counteracting threats and pressures</p> <p>Natural disasters: Earthquakes: Land slides: Avalanches : Floods: Droughts: Fires: → Perform early burning, Educate Publics Volcanoes: Others:</p> <p>Industrial pollution:</p> <p>Vandalism, theft, looting: Law enforcement, education</p> <p>Industrial infrastructures: Dams Mines Electrical network Communications network (roads, railways, canals)</p> <p>Changes in land use</p> <p>Pastoralism</p> <p>Poaching - combating it</p> <p>Urbanism - developments on periphery</p> <p>Tourism - Visitor levels and use determined in Mgmt. Zone Plan.</p>	000
b	<p>An assessment should also be given if the impact of these factors on the property is increasing or decreasing,</p>	<p>Evolution of the impact of these factors since the inscription of the site</p> <p>Some range is lost / some animals declined</p>	000
c	<p>and what actions to address them have been effectively taken or are</p>	<p>Actions taken to address them - Gazettement of buffer areas</p>	000

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planned for the future.	Actions envisaged <i>Awareness campaign / community involvement</i>
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II.6. Monitoring

<p>a Whereas item II.3 of the periodic report provides an overall assessment of the maintenance of the World Heritage values of the property, this item analyses in more detail the conditions of the property on the basis of key indicators for measuring its state of conservation.</p> <p>If no indicators were identified at the time of inscription of the property on the World Heritage List, this should be done in the first periodic report. The preparation of a periodic report can also be an opportunity to evaluate the validity of earlier identified indicators and to revise them, if necessary.</p>	<p>Previous monitoring exercises (periodic or reactive monitoring) (give dates and results)</p> <p>Is there regular monitoring of the site (yearly, for example): YES/NO ✓</p> <p>Periodic monitoring of flora resources: frequency methodology inventory estimates / results</p> <p>and/or</p> <p>Periodic monitoring of the vegetable resources: frequency methodology categories results /</p> <p>and/or</p> <p>Periodic monitoring of the fauna resources: frequency <i>Once every 2-3 yrs</i> methodology <i>aerial census</i> inventory estimates results <i>Fauna (Big mammals) population trends & dynamics.</i></p> <p>and/or</p> <p>Landscape monitoring: frequency methodology / categories</p> <p>and/or</p>	<p>000</p>
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	<p>Monitoring of the constructions and buildings</p> <p><i>EIA Auditing</i></p> <p>Human resources allocated for this monitoring</p> <p><i>Ecology Dept. with park rangers at times.</i></p> <p>Associated material means</p> <p>/</p>	
<p>b Up-to-date information should be provided in respect of each of the key indicators. Care should be taken to ensure that this information is as accurate and reliable as possible, for example by carrying out observations in the same way, using similar equipment and methods at the same time of the year and day.</p>	<p>Key indicators for measuring the state of conservation</p> <p><i>1. Vegetation change</i> <i>2. Animal populations</i> <i>3. Any impacts on developed areas.</i> ...</p>	000
<p>c Indicate which partners if any are involved in monitoring and describe what improvement the State Party foresees or would consider desirable in improving the monitoring system.</p>	<p>Monitoring partners</p> <p>Administrative provisions for organising the monitoring of the property</p> <p>Evolution of the monitoring methodology</p> <p>/</p>	000
<p>d In specific cases, the World Heritage Committee and/or its Bureau may have already examined the state of conservation of the property and made recommendations to the State Party, either at the time of inscription</p>	<p>Dates of the previous monitoring exercises:</p> <p>Results of the previous monitoring exercises:</p> <p>/</p>	000

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<p>or afterwards. In such cases the State Party is requested to report on the actions that have been taken in response to the observations or recommendations made by the Bureau or Committee.</p>	<p>Actions taken in response to the observations / recommendations of the Committee/Bureau.</p> <p><i>Improved anti-poaching activities</i></p>	
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II.7. Conclusions and recommended actions

<p>a The main conclusions under each of the items of the state of conservation report, but in particular as to whether the World Heritage values of the property are maintained, should be summarised and tabulated together with: Main conclusions regarding the state of the World Heritage values of the property (see items II.2. and II.3. above)</p>	<p>Main conclusions concerning the Statement of significance of the site as a World Heritage property (see item II.2 above)</p> <p><i>The values for which the site was created are being maintained despite mounting human pressure on the site</i></p> <p>Main conclusions concerning the Statement of authenticity / integrity of the property as a World Heritage property (see item II.3 above)</p> <p><i>The integrity of the site is still intact although some species have been impacted - eg buffaloes and some migratory routes settled in.</i></p>	000
<p>b incl Main conclusions regarding the management and factors affecting the property (see Items II.4 and II.5. above)</p>	<p>Main conclusions concerning the management of the property (see item II.4 above)</p> <p><i>Community programs which will enlist their support have to be further improved and opportunities for visitor development examined and impact constantly evaluated</i></p> <p>Main conclusions concerning the factors affecting the property (see item II.5 above)</p>	000

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		<p><i>Factors which are natural should be intervened as they occur eg drought.</i></p> <p><i>Human induced factors should be monitored and actions taken as necessary</i></p>	
c	Proposed future action/actions	<p>Proposed future action(s):</p> <p><i>Capacity building</i></p> <p><i>Impact Assessment</i></p> <p><i>Collaborative actions with other institutions and govt.</i></p>	000
d	<p>Responsible implementing agency/agencies</p> <p>Provide the necessary details for eventual contact.</p>	<p>Responsible implementing agency(ies):</p> <p>Agency: <i>TANAPA</i></p> <p>Person responsible: <i>DIRECTOR GENERAL</i></p> <p>Address: <i>P.O. BOX 3134 ARUSHA</i></p> <p>Telephone: <i>255-0272548040</i></p> <p>Fax: <i>255-0272548216</i></p> <p>E-mail: <i>tanapa@yahoo.com</i></p>	000
e	Timeframe for implementation	Timetable for implementation .	000
f	Needs for international assistance	<p>Needs for international assistance:</p> <p><i>YES / NO</i></p> <p>Type of assistance desired: <i>technical</i></p> <p><i>Financial</i></p> <p><i>Equipment</i></p>	000
g	The State Party is also requested to indicate what experience the State Party has obtained which could be relevant to others dealing with	<p>Resource persons or organisations who could be involved in monitoring:</p> <p>1. Name: <i>Serengeti National Park</i></p>	000

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<p>similar problems or issues. Please provide names of organisations or specialists who could be contacted for this purpose.</p>	<p>2. Address: P.O. BOX 3134 ARUSHA Name: BAYONA, D. Address: BOX 3134 ARUSHA</p>	
<p>h Address where the inventory, records and archives are kept.</p>	<p>Agency: AS FOR TANAPA Person responsible: Address:</p>	<p>000</p>

II.8. Documentation enclosed

Maps and plans of the site layout

Site map (zoning)

Illustrations of the state of conservation of the site (photographs, slides and, if available, film/ videos):

General view (overall view of the site)

Details of the important aspects (landscapes, animal and vegetable species, installations)

Photos illustrating the physical state of conservation of the site

Photos illustrating the main threats to the site and its surroundings

Copies of the management plans of the site and extracts of other plans relating to the site

Indicative bibliography