

**PERIODIC REPORTING ON THE APPLICATION OF THE
WORLD HERITAGE CONVENTION
(FORMAT)**

SECTION II: STATE OF CONSERVATION OF SPECIFIC WORLD HERITAGE PROPERTIES

EXECUTIVE SUMMARY

II.1 Introduction

- a. State Party
- b. Name of World Heritage property
- c. Geographical coordinates to the nearest second
- d. Date of inscription on the World Heritage List
- e. Organization(s) or entity(ies) responsible for the preparation of the report
- f. Date of report
- g. Signature on behalf of State Party

II.2. Statement of significance

II.3. Statement of authenticity/integrity

II.4. Management

II.5. Factors affecting the property

II.6. Monitoring

II.7. Conclusions and recommended action

- a. Main conclusions regarding the state of the World Heritage values of the property (see items II.2. and II.3. above)
- b. Main conclusions regarding the management and factors affecting the property (see Items II.4 and II.5. above)
- c. Proposed future action/actions
- d. Responsible implementing agency/agencies
- e. Timeframe for implementation
- f. Needs for international assistance.

II.8. Assessment of the Periodic Reporting exercise for Section II

II.9. Documentation attached

II.1. Introduction

a.	Country (and State Party if different): <i>People's Republic of China</i>	001
b.	Name of World Heritage property: <i>Jiuzhaigou Scenic and Historic Interest Area</i>	002
c.	<p>In order to locate the property precisely, please attach a topographic map showing scale, orientation, projection, datum, site name, date and graticule. The map should be an original print and not be trimmed. The site boundaries should be shown on the map. In addition they can be submitted in a detailed description, indicating topographic and other legally defined national, regional, or international boundaries followed by the site boundaries.</p> <p>The State Parties are encouraged to submit the geographic information in digital form so that it can be integrated into a Geographic Information System (GIS).</p> <p>On this questionnaire indicate the geographical co-ordinates to the nearest second (in the case of large sites, towns, areas etc., give at least 3 sets of geographical co-ordinates):</p> <p>Centre point: Mountain <i>Wosikaxiong</i></p> <p>North-west corner: <i>33o19'N 103 o 16'E</i></p> <p>South-east corner: <i>32 o 54N 104 o 4'E</i></p>	003
d.	<p>Give the date of inscription on the World Heritage List and subsequent extension (if applicable):</p> <p><i>On Dec.14.1992</i></p>	004
e.	<p>Organization(s) or entity(ies) responsible for the preparation of this report.</p> <p>Organization(s) / entity(ies): <i>Administration Bureau of Jiuzhaigou Scenic and Interest Area</i></p> <p>Person(s) responsible: <i>Ge Ning</i></p> <p>Address: <i>Administration Bureau of Jiuzhaigou Scenic and Historic Interest Area, Aba Tibet and Qiang Autonomous Prefecture, Sichuan Province, China</i></p> <p>City and post code: <i>Jiuzhaigou County 623402</i></p> <p>Telephone: <i>(+86 837) 7739777</i></p> <p>Fax: <i>(+86 837) 7739261</i></p> <p>E-mail: jzg_1@vip.163.com jz.yangyun@vip.163.com</p>	005
f.	Date of preparation of the report: <i>Feb.28 2002</i>	006
g.	<p>Signature on behalf of the State Party:</p> <p>Signature:</p> <p>Name:</p> <p>Function:</p>	007

If the space on the Questionnaire is not sufficient, please continue on a separate page, clearly labelling the answer with the corresponding number of the question (e.g. 006).

II.2. Statement of significance

	<p>At the time of inscribing a property on the World Heritage List, the World Heritage Committee indicates its outstanding universal value(s), or World Heritage value(s), by deciding on the criteria for which the property deserved to be included on the World Heritage List. Circle the criteria retained for the inscription:</p> <p>Cultural criteria: i – ii – iii – iv – v – vi</p> <p>Natural criteria: i – ii – <input checked="" type="checkbox"/> iii – iv</p> <p>Were new criteria added by re-nominating and/or extending the property after the original inscription? YES / <input checked="" type="checkbox"/> NO</p> <p>If YES, please explain:</p>	<p>008</p> <p>009</p> <p>010</p>
	<p>Please quote observations concerning the property made by the Advisory Body(ies) during the evaluation of the nomination:</p> <p><i>With its 108 lakes, numerous waterfalls and forest set in spectacular mountain scenery, the site clearly meets criteria(III). As noted in section three, however, Jiuzhaigou is clearly under pressure and the Committee should note these concerns if it agrees to inscribe the site.</i></p> <p><i>Jiuzhaigou is also proposed for listing under criteria(IV)but because of the lack of data on the conservation status of wildlife species, an assessment cannot be made of the suitability of this criterion at this time. When a census and further surveys are carried out, the use of this additional criterion may be considered.</i></p> <p><i>Finally, Jiuzhaigou is one element of a network of three reserves in the Minshan that are being or have been nominated for World Heritage Status. As the sites share many common characteristics and are part of the same geographical unit, a unified site would be preferable. It is recognized, however, that each of the three sites fall within different counties and are accessed by different valley systems. Due to their linkages and proximity, however, and in accordance with other sites on the World Heritage List (e.g. Canadian Rocky Mountain Parks, S.W. New Zealand and New South Wales Subtropical Rainforests) the Chinese authorities should be requested to consider Jiuzhaigou and Huanglong as a single site and as Phase 1 of a larger site that eventually could encompass a contiguous protected geographical unit in the Min Shan.</i></p>	<p>011</p> <p>012</p>
	<p>Quote the decisions and observations / recommendations, if appropriate, made by the World Heritage Committee at the time of inscription and extension (if applicable):</p> <p><i>The Committee inscribed this site of 72,000 ha on the World Heritage List. The Committee expressed concern over the question of growing human impact in the reserve and strongly encouraged the Chinese authorities to take appropriate measures to safeguard this site. The Committee recommended the State Party to prepare a species conservation status report in order to study the possibility that the site may also qualify for inscription under natural heritage criterion (iv).</i></p> <p>Identify the actions taken as follow-up to these observations and/or decisions:</p> <p><i>The Management Plan for the Natural Protection Area was reviewed in 2000 and the Management Plan for the Scenic Area was reviewed in 2001.</i></p> <p><i>In 1998, IUCN made a field visit as a follow-up.</i></p> <p><i>The baseline survey is being carried out and planned to finish in 2003.</i></p>	<p>013</p>

If the space on the Questionnaire is not sufficient, please continue on a separate page, clearly labelling the answer with the corresponding number of the question (e.g. 006).

II.2. continued

<p>Is the State Party actively considering a revision of the property boundaries or the buffer zone? YES / <input type="checkbox"/> NO</p>	019
<p>If YES, indicate what is being done to that end:</p>	020

II.3. Statement of authenticity / integrity

<p>Have the World Heritage values identified above been maintained since the property's inscription? <input type="checkbox"/> YES / NO</p> <p>If NO, please describe the changes and name the causes:</p>	021 022
<p>What was the evaluation of the authenticity / integrity of the property at the time of inscription? (Please quote from the ICOMOS / IUCN evaluation):</p> <p><i>Prior to 1979 when a nature reserve under the Forest Department was declared, the area was subject to extensive logging. A large volume of timber was removed and roads built. The area is recovering from this and many trees have been planted since the new conservation regime was instituted.</i></p> <p><i>A second factor affecting integrity is the existence of some 800 residents in the six villages that remain inside the site. The draft Ministry of Forestry Conservation Plan for the Giant Panda (1989), calls for the resettlement of reserve residents and it is the current policy of the authorities to reduce human populations by gradual means. New structures, however, continue to be built and there is evidence of "creeping urbanization".</i></p> <p><i>On the positive side it should be noted that the activities of residents who are of Tibetan nationality do add a cultural aspect to the area. Their impact, however, are growing and many inappropriate structures and activities still occur.</i></p> <p><i>A third factor affecting the site is the growth in tourism from 5000 visitors in 1984 to 170000 in 1991. These numbers are projected to reach 500000 over the next decade which would be far beyond the saturation point for the valley and would certainly lead to substantial damage.</i></p> <p><i>A recent park expert visiting Jiuzhaigou summed up his views as follows:</i></p> <p><i>"What should have become a global showcase of what a national park should be is instead becoming quickly destroyed by quick profit, uncontrolled and massive tourism development. Buses belt through the park at dangerous speeds, hundreds of thousands of visitors pour all over the reserve uncontrolled, picking flowers, throwing stones in the lakes, singing and camping and even lighting fireworks and rockets to brighten up the night air. A spread of hotels and hostels has sprung up all over the reserve with no concern for polluting the clear water system".</i></p> <p><i>The integrity and natural beauty of Jiuzhaigou are clearly under threat. Although the site has been partially degraded by previous forestry activities, it is recovering and it is not too late to take remedial actions to control the effects of human activities. The local authorities have commenced some positive actions but a more concentrated effort will be required.</i></p>	023

If the space on the Questionnaire is not sufficient, please continue on a separate page, clearly labelling the answer with the corresponding number of the question (e.g. 006).

II.3. continued

	<p>Have there been changes in the authenticity / integrity since inscription? YES / <input checked="" type="checkbox"/> NO</p> <p>If YES, please describe the changes to the authenticity / integrity and name the main causes?</p>	<p>024</p> <p>025</p>
	<p>Are there (further) changes foreseeable to the authenticity / integrity of the property in the near future? YES / <input checked="" type="checkbox"/> NO</p> <p>If YES, please explain and indicate how these changes might affect the World Heritage values of the property:</p>	<p>026</p> <p>027</p>

II.4. Management

	<p>How could the arrangements for the protection and the management of the property best be defined (more than one indication possible)?</p> <p style="padding-left: 40px;">Legal (<input checked="" type="checkbox"/>)</p> <p style="padding-left: 40px;">Contractual(<input type="checkbox"/>)</p> <p style="padding-left: 40px;">Traditional(<input type="checkbox"/>)</p>	<p>028</p>
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If the space on the Questionnaire is not sufficient, please continue on a separate page, clearly labelling the answer with the corresponding number of the question (e.g. 006).

II.4. continued

	<p>Please describe and assess the implementation and effectiveness of these arrangements for the preservation of the values described under item II.2 at the national, provincial and/or municipal level:</p> <p><i>Management Plan for Jiuzhaigou Scenic Spot Area was reviewed in 2001 and will be implemented in 2002.</i></p> <p><i>Any development will be subject to the Management Plan.</i></p> <p>In general terms, can this legislative, contractual and/or traditional protection be considered sufficient? YES / NO</p> <p>Please explain:</p> <p><i>The legislation and management planning give the priority for the protection of the site.</i></p> <p><i>The protection is the first and the construction will require further environmental impact assessment before they can be implemented.</i></p>	<p>029</p> <p>030</p> <p>031</p>
	<p>Provide a list and summaries of laws and regulations concerning cultural and natural properties protection and management (including extracts of relevant articles from the Constitution, Criminal Law, Law/Regulations on Land-use, Environment Law and Forestry Law, amongst others). Please also attach any documentation available concerning these points:</p> <p><i>Forestry Law of PRC</i></p> <p><i>Implementation Rules on Forestry Law of PRC</i></p> <p><i>Wild Animals Protection Law of PRC</i></p> <p><i>Wild Plants Protection Law of PRC</i></p> <p><i>Preventive Law on Environmental Noise Pollution of PRC</i></p> <p><i>Preventive Law on Atmospheric Pollution of PRC</i></p> <p><i>Implementation Detail on Preventive Law of Water Pollution of PRC</i></p> <p><i>Environmental Protection Law of PRC</i></p> <p><i>Preventive Law on Solid Waste Pollution of PRC</i></p> <p><i>Implementation Rules on Protection of Terrestrial Wild Animals of PRC</i></p> <p><i>Implementation Rules on Protection of Aquatic Wild Animals of PRC</i></p> <p><i>Protection Rules on Wild Plants of PRC</i></p> <p><i>Administrative Rules on Seeds of PRC</i></p> <p><i>Protection Program for National Ecological Environment</i></p> <p><i>Preventive Rules on Forest Diseases and Insect Pests</i></p> <p><i>Forest Fireproofing Rules</i></p> <p><i>Administrative Methods on Protection of Woodlands</i></p> <p><i>Administrative Punishment Methods for Environment Protection</i></p> <p><i>Administrative Methods for Forest and Wild Animals in Natural Protection Zone</i></p> <p><i>Administrative Methods for Business License of Terrestrial Wild Animals and their Produces in Sichuan Province</i></p> <p><i>Notice on Further Strengthening Protection of Wild Animals by Office of Sichuan People's Government</i></p> <p><i>Notice on Strengthening Protection of Wild Animals Resources and Management on</i></p>	<p>032</p>

If the space on the Questionnaire is not sufficient, please continue on a separate page, clearly labelling the answer with the corresponding number of the question (e.g. 006).

<p>Hunting</p> <p>Implementation Methods of Forest Fire Prevention of Sichuan Province</p> <p>Temporary Methods of Forest Protection and Fire Prevention in Sichuan Province</p> <p>Administrative Measures on Environmental Protection</p> <p>Pact on Protection of International New Plant Species (Version 1978)</p> <p>Notice on Further Strengthening Administration on Natural Protection Zone</p> <p>Administrative Rules on Tour Guides of Scenic Areas and Scenic Spots in Sichuan Province</p> <p>Detail Application on Hearing Criminal Cases of Destroying Forest Resources by the Supreme People's Court</p> <p>Detail Application on Hearing Criminal Cases of Destroying Wild Animal Resources by the Supreme People's Court</p> <p>Regulations concerning the World Heritage Site in Sichuan Province</p>	
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II.4. continued

<p>Describe the administrative and management arrangements that are in place for the property concerned, making special mention of the institutions and organizations that have management authority over the property as well as of the arrangements that are in place for the coordination of their actions:</p> <p>Administration Bureau of Jiuzhaigou Scenic and Historic Area is directly under administration of Aba Prefecture People's Government. The responsibilities for Jiuzhaigou Administration are to:</p> <p>a. Publicize the laws and regulations related to the site, nationalities, religions, cultural relics, forestry, territory, and environmental protection by our country;</p> <p>b. Protect scenic area resources and ecological environment, maintain natural scenes and human sites, and develop scenic area resources;</p> <p>c. Coordinate in preparing overall planning and detail planning and organize for execution, inspect newly-built, expanding and rebuilding projects in the scenic areas on the basis of overall planning, and carry out supervision over construction activities;</p> <p>d. Control the construction of community infrastructure and service facilities in the scenic area;</p> <p>e. Work out administrative rules for the scenic area, responsible for tourist security, environmental sanitation, public security, and management on business and services in the scenic area;</p> <p>f. Perform other duties assigned by the Prefecture government.</p>	033
<p>Please indicate under which level of authority the property is managed:</p> <p>Local (×)</p> <p>Regional ()</p> <p>National ()</p> <p>Other (please describe):</p>	034

If the space on the Questionnaire is not sufficient, please continue on a separate page, clearly labelling the answer with the corresponding number of the question (e.g. 006).

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<p>Please provide the full name, address and phone/fax/e-mail of the entity(ies) directly responsible for the management (conservation, preservation, visitor management) of the property:</p> <p>Name: <i>Administration Bureau of Jiuzhaigou Scenic and Historic Interest Area</i> Address: <i>Jiuzhaigou Scenic and Historic Interest Area, Aba Tibet and Qiang Autonomous Prefecture, Sichuan Province, China</i> Telephone: (+86 837) 7739777 Fax: (+86 837) 7739261 E-mail: jzg_1@vip.163.com jz.yangyun@vip.163.com</p> <p><i>Sichuan Committee of Construction</i> <i>Telephone: +86 28 85535610</i></p> <p><i>Ministry of Construction</i> <i>Telephone: +86 10 68393014</i></p>	035
<p>Is it necessary to revise the administrative and management arrangements for the property?</p> <p>YES / <input type="checkbox"/> NO</p>	036
<p>If YES, explain why this is the case:</p>	037

II.4. continued

<p>Is there a management plan for the property? <input type="checkbox"/> YES / NO</p>	038
<p>If YES, please summarize, indicating if the plan is being implemented and since when: <i>In 1986, the Management Plan for Jiuzhaigou Administration of Scenic and Historic Area was made. In 2001, it was reviewed and would be carried out in 2003.</i></p>	039
<p>Please report on legal and administrative actions that are foreseen for the future, to preserve the values described under item II.2 (e.g. passing of legislation, adjusting administrative and management arrangements, implementing or drawing up of a (new) management plan, etc.): <i>Regulations Concerning the Places of Scenic and Historical Interest by the State Council of the People's Republic of China.</i> <i>Regulations concerning the World Heritage Site in Sichuan Province</i> <i>Management Plan for Jiuzhaigou National Nature Preserve</i> <i>Management Plan for Jiuzhaigou Scenic and Historic Interest Area</i></p>	040

If the space on the Questionnaire is not sufficient, please continue on a separate page, clearly labelling the answer with the corresponding number of the question (e.g. 006).

<p>Please provide detailed information, particularly in cases where changes have occurred since the inscription of the property, on the following matters:</p>	
<ul style="list-style-type: none"> • <u>Conservation</u> Make reference to all major interventions at the property and describe its present state of conservation: <ol style="list-style-type: none"> 1. <i>In July 1994, Jiuzhaigou was approved as the National-level Nature Protection Area by the Ministry of Forestry.</i> 2. <i>In 1995, the management plan for Jiuzhaigou National Nature Reserve was prepared by Sichuan Forestry Surveying Design Institute and Sichuan Inspection and Protection Station of Wild Animal Resources and was approved in April 1996.</i> 3. <i>In 1997, Jiuzhaigou was designated as a World Biosphere Reserve.</i> 4. <i>In 1998, Shuzheng, Heye and Zharu villages in the valley were put under administration of Jiuzhaigou administration.</i> 5. <i>On March 26,1999, low pollution Green Buses featuring local guide were used. All the buses will be renewed by the end of 2002.</i> 6. <i>In 2002, 47-kilometer long plank trails 40cm above the ground were built in the site. Along the trails, there are 17 resting shelters for visitors.</i> 7. <i>Nuorilang Fast Food Restaurant with the capacity of 3,000 to 4,000 persons is just under construction and is about to finished by the end of 2002.</i> 8. <i>In 2001, the environmentally friendly toilet facilities were introduced with which excrement and urine are packed and moved to the sewage farm outside the site every day.</i> 9. <i>Jiuzhaigou's homepage was created on July 1, 2001 and a on-line tickets booking system was put into use in 2002.</i> 10. <i>At the entrance, a new visitor center, an administrative center, ticket office, and parking lot opened to provide visitors a better service.</i> 11. <i>In 1999, a project was implemented to reduce the amount of agricultural land in the buffer zone. Today, all of the land which was formerly cultivated has been reforested (The forests cover percent is about 63.5%.) or planted with grass. Residents receive a subsidy to compensate for their loss of income from farming.</i> 12. <i>Input on scientific research is increased. The comprehensive organization including a Forest Diseases and Insect Pests Monitoring Station, a Ecological Environment Station and an Automatic Atmosphere Monitoring Station were established. Since 1996, more than RMB10, 000,000 has been input into scientific research (refer to the table of Scientific Research Activities in Jiuzhaigou).</i> 13. <i>Residents in the site have been using electricity and gas instead of firewood and coal.</i> 	<p>041</p>

If the space on the Questionnaire is not sufficient, please continue on a separate page, clearly labelling the answer with the corresponding number of the question (e.g. 006).

II.4. continued

	<ul style="list-style-type: none"> • <u>Ownership</u> Make reference to all major changes in ownership of the property and describe the present state of ownership: <i>Jiuzhaigou is state-owned and in charge of the Administration Bureau of Jiuzhaigou Scenic and Historic Interest Area.</i> 	042
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	<p>Please, give a detailed description of the staffing of the site</p> <p><i>There are 379 staff members in Jiuzhaigou Administration, including 221 males and 158 females, among which there are 1 with master degree, 30 university graduates, 106 college graduates, 109 technical secondary school graduates, 51 senior high school graduates, 77 junior high school graduates, and 5 primary school graduates.</i></p> <p><i>Technical personnel include: 4 accountants, 5 assistant accountants, 7 bookkeepers, 6 assistants engineers, 2 assistant interpreters, 3 assistant economy masters, and 5 technicians.</i></p> <p><i>Divided by ethnic groups: 252 Han, 100 Tibetan, 9 Hui, 13 Qiang, 2 Mongolians, 2 Man, and 1 Tujia.</i></p> <p><i>Divided by age: 154 under the age of 25, 144 under the age of 35, 60 under the age of 45, and 21 above the age of 45.</i></p> <p><i>Permanent employees are 379, including 205 local residents and 174 non-local ones.</i></p> <p><i>Temporary employees are about 385 who are mainly working in the Protection Department and the Cleaning Squad. The local residents are 88.8% of the total employees.</i></p>	043
	<p>Is the staffing level sufficient for adequate management of the property? <input checked="" type="checkbox"/> YES / NO</p>	044
	<p>If NO, what should be done to improve the situation?</p>	045

II.4. continued

	<p>Does the staff need additional training? <input checked="" type="checkbox"/> YES / NO</p>	046
	<p>If YES, what are the training needs for your staff? <i>The training regarding the management and protection of the site.</i> <i>Training plans are prepared for the staff.</i></p>	047

	<p>Describe the funding and financial situation of the property, indication sources, level and</p>	048
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If the space on the Questionnaire is not sufficient, please continue on a separate page, clearly labelling the answer with the corresponding number of the question (e.g. 006).

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	<p>regularity of financing:</p> <p><i>Funding comes from the admission ticket sales every day. Jiuzhaigou was inscribed on the World Heritage List in 1992. Since then, the input on scientific research and protection has increased to about 40%. In 2001, it reached to RMB 26,300,000.</i></p> <p><i>The Government paid great emphasis on the prevention and control project of the mudflows with RMB400, 000 special fund for this purpose annually.</i></p> <p>Is the available funding sufficient for adequate management of the property? <input checked="" type="checkbox"/> YES / NO</p> <p>If NOT, describe the financial resources that would be required for the management of the property:</p>	<p>049</p> <p>050</p>
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	<p>Indicate International Assistance from which the property has benefited:</p> <ul style="list-style-type: none"> • World Heritage Fund: 	<p>051</p>
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II.4. continued

	<ul style="list-style-type: none"> • UNESCO International Campaign: • National and/or regional projects of UNDP, the World Bank or other agencies: • Bilateral co-operation: • Other assistance: 	<p>052</p> <p>053</p> <p>054</p> <p>055</p>
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If the space on the Questionnaire is not sufficient, please continue on a separate page, clearly labelling the answer with the corresponding number of the question (e.g. 006).

Describe the IT (computer) equipment of the site and/or management office and assess its effectiveness:	056
<i>We have necessary IT equipment in every office and plan to establish the system more effective.</i>	
Are you using (multiple indications are possible):	057
PC (<input checked="" type="checkbox"/>)	
Apple (<input type="checkbox"/>)	
Mainframe (<input type="checkbox"/>)	
Please, give the number of available computers:	058
<i>About 80.</i>	
Does <input checked="" type="checkbox"/> an operational access to the Internet exist? <input checked="" type="checkbox"/> YES/ NO	059

II.4. continued

Is <input checked="" type="checkbox"/> e-mail used for daily correspondence? <input checked="" type="checkbox"/> YES/ NO	060
Is there a Geographical Information System (GIS) for the site? <input checked="" type="checkbox"/> YES/ NO	061
If YES, what software do you have and how is the GIS used?	062
<i>Mapgis and Arcinfo Jiuzhaigou Administration has a primary Geographical Information System but just for providing tourism information. At present, the baseline survey is being carried out and is to be concluded in 2003. A comprehensive system is expected.</i>	

List scientific studies and research programmes that have been conducted concerning the site: <i>From 1985 to 1996, The Chengdu Institute of Mountain Disasters and Environment of Chinese Academy of Science (CAS) implemented the prevention and control of the Mudflows. Sichuan Committee of Construction's input. In 1996, Scientific Department was established. It organized the study on Occurrence Regularity and Control of Spruce in 1996,, Main Pest and Disease on Pinus in 2001. RMB60, 000 per year with the additional input for the project. In 2002, the Scientific Research Planning for Jiuzhaigou National Nature Reserve was</i>	063
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<p><i>prepared. RMB150, 000 with the additional input for each project.</i></p> <p><i>From 1998 to 1999, Sichuan Regional Survey Team carried out the hydrographic and geologic survey of Jiuzhaigou. Sichuan Committee of Construction's input.</i></p> <p><i>Since 2002, the Ecological Environment Monitoring Station has been established.</i></p> <p><i>RMB400 million with the additional RMB100, 000 input pre year.</i></p> <p><i>Jiuzhaigou Baseline Survey is being carried out and expected to finish in 2003. Total input is 1 million.</i></p> <p><i>From 2002, a research on prevention of forest disease and pest is being carried out with the cooperation with the Sichuan Academy of Forestry (SAF). RMB 300, 000 input.</i></p> <p><i>In 2002, an Autonomous Weather Monitoring Station is expected to establish. RMB 1, 000,000 with additional input RMB60, 000 per year.</i></p>	
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<p>Describe financial and human resource inputs for the research programmes and or facilities: <i>See 063</i></p>	064
<p>Describe how the information / results are disseminated? <i>Cooperate with relevant institutions</i> <i>Experts' field visit</i> <i>Conferences on scientific research</i> <i>Jiuzhaigou Scientific Research Committee</i> <i>Visitor Center display</i> <i>Interpretation on the Green Bus</i> <i>Newspapers and TV</i> <i>Jiuzhaigou's website: www.jiuzhaigouvalley.com</i> <i>Varied publications including books, pictorials, brochure and videodisk.</i> <i>The other media.</i></p>	065

II.4. continued

<p>Are there any visitor statistics for the site? <input type="checkbox"/> YES / NO</p>	066
<p>If YES, please summarise the statistics and attach to this report: <i>Visitors in 2001: 1,190,000</i> <i>Visitor Center: 150,000</i></p>	067
<p>What visitor facilities do you have at the property? <i>227 Green Buses (6712 seats)</i> <i>32 Environmentally friendly toilets</i> <i>8 Toilets on mobile vehicle</i> <i>47 km Plank trails</i> <i>50 km roads</i></p>	068

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<p>17 resting shelter with capacity of 50-100 visitors 4 Tibetan dress renting places 68 souvenir shops 3 fast food restaurants with capacity of 1, 300 visitors 1 rescue center 1 website 2 complaint boxes 1 visitor center</p>	
<p>What visitor facilities are you in need of? On-site tourist information Resting chairs along the trails</p>	069
<p>Is a public use plan (tourism / visitor management plan) in existence for the property? <input type="checkbox"/> YES / NO</p>	070

II.4. continued

<p>If YES, please summarize, if NO explain if one is needed: Management Plan Measure for Dating Visitors including On-line Tickets Booking Plan and Limiting Visitors Number Plan</p>	071
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<p>Indicate how the property's World Heritage values are communicated to residents, visitors and the public (please attach examples of leaflets, videos, posters etc. and print-outs and/or the address of a web-page): Refer to the document attached. Magazine: Jiuzhaigou DVD: Jiuzhaigou, the World Natural and Cultural Heritage in China Web site: www.jiuzhaigouvalley.com News Media Releases Brochures Publications, leaflets, advertisements Visitor Center Display Interpretation on the Green Buses</p>	072
<p>Are there educational programmes concerning the property aimed at schools? <input type="checkbox"/> YES / NO</p>	073

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<p>If yes, please describe:</p> <p><i>Essays concerning Jiuzhaigou have been compiled in the schoolbook.</i></p> <p><i>Students can enjoy discount tickets in Jiuzhaigou.</i></p> <p><i>Jiuzhaigou was designated as a Patriotism Education Base.</i></p> <p><i>Visitor Center acts as a Scientific Education Center.</i></p> <p><i>Establish Jiuzhaigou-Huanglong Tourism Development Research Center with Sichuan University</i></p>	074
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<p>What role does World Heritage inscription play for the site concerning the visitor number, the research programmes and/or the awareness building activities?</p> <p><i>Use of the world Heritage Symbol</i></p> <p><i>Publicity: various medias, tourism Production transaction ceremony, visitor center display</i></p> <p><i>Scientific Research: be stressed as a World Heritage site in research items</i></p> <p><i>Management: Place the protection of the site priority</i></p>	075
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II.5. Factors affecting the property

<p>Please comment on the degree to which the property is threatened by particular problems and risks, such as development pressure, environmental pressure, natural disasters and preparedness, visitor / tourism pressure, number of inhabitants. Also mention all other issues that you see as problematic.</p> <p><i>Visitor/tourism Pressure:</i></p> <p><i>Since 1997, the visitor numbers have increased by 63%. The policy of capping Visitor number at 12,000 every day was carried out in 2001.</i></p> <p><i>No effective method can measure the visitors' impact on ecologic environment of Jiuzhaigou.</i></p> <p><i>Treatment of sewage, the promotion of the toilets.</i></p> <p><i>Environmental Pressure:</i></p> <p><i>Global Warming.</i></p> <p><i>Forest Pest and Diseases. The main scientific research in recent years.</i></p> <p><i>Natural Disaster:</i></p> <p><i>Forest fire, the main threat of Jiuzhaigou's natural forest.</i></p> <p><i>Mudflows, under the control.</i></p> <p><i>Development Pressure:</i></p> <p><i>Jiuzhaigou region developed rapidly. Hotels have mushroomed in the buffer zone. Tourism develops faster than protection.</i></p> <p><i>Others:</i></p> <p><i>Regional populations grow quickly.</i></p> <p><i>The relationship between moving residents outside and maintaining traditional culture.</i></p>	076
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If the space on the Questionnaire is not sufficient, please continue on a separate page, clearly labelling the answer with the corresponding number of the question (e.g. 006).

II.5. continued

	<p>Is there an emergency plan and / or risk preparedness plan for the property in existence? <input type="checkbox"/> YES / NO</p> <p>If YES, please summarize the plan and provide a copy: <i>According to the situation of Jiuzhaigou's protection and development, the administration has made a series of emergency plans:</i> <i>Forest Fire Prevention Plan</i> <i>Tourists' Rescue Plan</i> <i>Reception Plan for the High Season</i> <i>Emergency Action Plan of Mudflows Prevention and Control</i> <i>Emergency Action Plan for Using Liquid Petroleum Gas Unsafely</i> <i>Emergence Action Plan for Fire-fighting</i> <i>Refer to the attachment.</i></p> <p>If NO, describe what is being done – and by whom – to counteract the dangers that threaten or may threaten the property:</p>	<p>077</p> <p>078</p> <p>079</p>
	<p>Indicate areas where improvement would be desirable and/or towards which the State Party is working:</p>	<p>080</p>

II.5. continued

	<p>Give an indication if the impact of the factors affecting the property is increasing or decreasing: <i>Environmental factors such as forest pests and diseases appeared constantly while the research control their impact.</i> <i>Tourism developed quickly. Tourism pressures are increasing; In the high season the increasing visitors have impacted the environment.</i> <i>The relationship between regional population growth and traditional cultural maintenance.</i> <i>Construction of Community infrastructure and service facilities.</i></p>	<p>081</p>
	<p>What actions have been effectively taken, or are planned for the future, to address the factors affecting the property? <i>Move all the business outside the site.</i> <i>Renew the three Tibetan villages within the site and maintain the local culture.</i> <i>Local residents' training.</i> <i>Construction of Nuorilang Fast Food Restaurant.</i> <i>Restrict the tourism facilities outside the site.</i> <i>Advocate eco-tourism.</i> <i>Enhance Forest Fire prevention.</i> <i>Insist environmental monitoring and control forest pests and diseases.</i> <i>According to the results of the third Panda Survey and Jiuzhaigou baseline survey, change the monitoring line and establish the data bank.</i></p>	<p>082</p>

If the space on the Questionnaire is not sufficient, please continue on a separate page, clearly labelling the answer with the corresponding number of the question (e.g. 006).

II.6. Monitoring

<p>If applicable, give details (e.g. dates, results, indicators chosen) of any previous periodic or reactive monitoring exercises of the property:</p> <p><i>Periodic report was provided to UNESCO in 1998 since the inscription in 1992.</i></p> <p><i>In Jiuzhaigou, a formal monitoring system is expected to establish while many monitoring actions exist:</i></p> <p><i>Ecological monitoring on water, noises and atmosphere.</i></p> <p><i>Monitoring on forest pests and diseases (including meteorologic monitoring).</i></p> <p><i>Visitor Statistics</i></p> <p><i>Monitoring on forest fire</i></p> <p><i>Community</i></p>	083
<p>Is there a formal monitoring system established for the site? YES / <input checked="" type="checkbox"/> NO</p> <p>If YES, please give details of its organization:</p> <p><i>Ecological monitoring: scientific department</i></p> <p><i>Forest fire: protection department and fire department</i></p> <p><i>Visitor statistics: ticket office, planning and finance department</i></p> <p><i>Community: resident administer department</i></p>	084 085

II.6. continued

<p>If not already in place, is the establishment of a formal monitoring system planned?</p> <p><input checked="" type="checkbox"/> YES / NO</p>	086
<p>If YES, please outline the functioning of that system, taking into consideration the key indicators you will be asked to define below (see 089 / 090):</p> <p><i>Jiuzhagigou Administration has established monitoring station on meteorology, environment, mudflows and forest pests and diseases. However, the formal monitoring system for the World Heritage site has not been set up.</i></p> <p><i>After the World Heritage Workshop (2002), Jiuzhaigou Administration decided to establish a formal monitoring system concerning the World Heritage site. Under it the indicators will be taken into consideration. (See 090)</i></p> <p><i>At the beginning of each year, the key indicators will be analyzed and evaluated to make sure the integrity and authenticity of the World Heritage site has been preserved and whether the protection, tourism development, management can maintain the sustainable development of Jiuzhaigou.</i></p>	087
<p>Are there any indicators established for monitoring the state of conservation of the property? YES / <input checked="" type="checkbox"/> NO</p>	088
<p>If YES, please provide up-to-date information with respect to each of the key indicators established and/or used. 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. Name and describe the key indicators for measuring the state of conservation of this property:</p>	089

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	<p>If NO indicators have been identified and / or used so far, please define key indicators for future use in monitoring:</p> <p><i>The key indicators for future use:</i></p> <p><i>Environmental changes of the site and surrounding area</i></p> <p><i>Biodiversity condition</i></p> <p><i>Community development</i></p> <p><i>Tourism development, local culture's maintenance and development</i></p> <p><i>Prevention and control of the pollution</i></p> <p><i>Management situation, management measure and the staffing level</i></p>	090
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II.6. continued

	<p>Indicate which partners, if any, are involved or will be involved in the regular monitoring exercise:</p> <p><i>Sichuan Academy of Forestry</i></p> <p><i>Environmental Scientific Institution of Sichuan Province</i></p>	091
	<p>Identify the administrative provisions for organizing the regular monitoring of the property:</p> <p><i>GHZB 1-1999</i></p> <p><i>GB 8978-88</i></p> <p><i>GB 3095-1996 I</i></p> <p><i>Management Plan for Jiuzhaigou National Nature Reserve and Jiuzhaigou Scenic and Historic Interest Area</i></p> <p><i>Environmental Management System of Jiuzhaigou</i></p>	092
	<p>Describe what improvement the State Party foresees or would consider desirable in improving the monitoring system:</p> <p><i>Refer to 087 and 090</i></p>	093
	<p>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 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 decisions made by the Bureau or Committee. Give details, if applicable:</p> <p><i>In 1998, when UNESCO and IUCN made the field visit in Jiuzhaigou, they referred to the quality of the paths, bridges and boardwalks. By 2002, Jiuzhaigou Administration has repaired 50km roads and 47km plank trails with treated timbers.</i></p> <p><i>On the problem of dating and regulating visitors' flow, new policy of capping tourist numbers at 1,200 per day was implemented from July in 2001. The website was created and on-line tickets booking started as a kind of considerable measure to date the visitor flow.</i></p> <p><i>From March.26, 1999, no vehicles except low pollution Green Buses can enter into the site. A trained guide on the bus will introduce the World Heritage value for the visitors.</i></p> <p><i>A new visitor center opened in 2001, in which visitors can accept the environmental protection education and promote the environmental awareness.</i></p>	094

If the space on the Questionnaire is not sufficient, please continue on a separate page, clearly labelling the answer with the corresponding number of the question (e.g. 006).

II.7. Conclusions and recommended actions

<p>Please summarize the main conclusions regarding the state of the World Heritage values of the property (see items II.2. and II.3. above):</p> <p><i>Jiuzhaigou Administration is implementing the management plan to respond the IUCN's suggestion and advices. Construction has been restricted. The site area has increased. The visitor numbers have been limited. The cooperation with the scientific research institution has been enhanced. Environmental awareness has been promoted.</i></p>	095
<p>Please summarize the main conclusions regarding the management and factors affecting the property (see items II.4. and II.5. above):</p> <p><i>Under the management, the habitat has been improved. Biodiversity has been maintained. The review of management helps to deal with the relationship between development and protection.</i></p>	096
<p>Give an overview over proposed future action / actions:</p> <p><i>2002-2004 Moving business activities outside the site.</i></p> <p><i>2002 Construction of Nuorilang Fast Food Restaurant.</i></p> <p><i>2002-2007 Regulation of three Tibetan villages and maintenance of traditional culture.</i></p> <p><i>2002-2003 Establishment and enhancement of forest fire prevention.</i></p> <p><i>Long-term Prevention and control of the forest pests and diseases.</i></p> <p><i>2002-2005 Renewal of monitoring line and establishment of data bank according to the results of the third Panda Survey and Baseline Survey.</i></p> <p><i>Long-term Local residents training.</i></p> <p><i>Long-term Advocate eco-tourism.</i></p> <p><i>Long-term Eco-environment monitoring</i></p> <p><i>2002-2003 Construction of Electricity supply.</i></p>	097
<p>Name the agency responsible for implementation of these actions (if different from 005):</p> <p><i>As for 005</i></p>	098
<p>Give a timeframe for the implementation of the actions described above:</p> <p><i>See 097</i></p>	099

II.7. continued

<p>Indicate for which of the planned activities International Assistance from the World Heritage Fund may be needed (if any):</p> <p><i>Scientific research</i></p> <p><i>Staff training</i></p>	100
<p>Are there any contacts with management units of other properties within or outside your country?</p> <p><i>YES</i> / NO</p>	101
<p>If YES, please explain:</p> <p><i>The management of Ministry of Construction and Sichuan Provincial Commission for Construction</i></p> <p><i>Keep in touch with the other World Heritage site and exchange experience.</i></p>	102

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<p><i>Attend the conference regarding the World Heritage management home and abroad.</i> <i>Establish the twin-relationship with the Cradle Mountain National Park in Australia.</i></p>	
<p>Please indicate which experience made during the periodic reporting exercise and/or during the on-going conservation / protection efforts of the property could be shared with other States Parties dealing with similar problems or issues:</p> <p><i>Community management.</i> <i>Using low pollution liquid petroleum gas powered buses inside the site.</i> <i>Construction of plank trails inside the site.</i> <i>Visitors number limiting.</i> <i>Forest fire prevention</i></p>	103
<p>Provide the name(s) and address(es) of organization(s) or specialist(s) who could be contacted for this purpose:</p> <p>Agency / Organization: <i>Administration Bureau of Jiuzhaigou Scenic and Historic Interest Area</i></p> <p>Person responsible: <i>Ge Ning</i></p> <p>Address: <i>Jiuzhaigou Scenic and Historic Interest Area, Aba Tibet and Qiang Autonomous Prefecture, Sichuan, China</i></p> <p>City and post code: <i>623402</i></p> <p>Telephone: <i>(+86 837) 7739777</i></p> <p>Fax: <i>(+86 837) 7739261</i></p> <p>E-mail: jzg_1@vip.163.com jz.yangyun@vip.163.com</p>	104

If the space on the Questionnaire is not sufficient, please continue on a separate page, clearly labelling the answer with the corresponding number of the question (e.g. 006).

II.9. Documentation attached

The State Party is invited to supply the materials listed below. Please check those items that were attached.

1. () Maps and plans showing the general location of the property, its boundary and buffer zone as well as the necessary detail of the property itself (see question 003 for specifications)
2. () Photo of general view (aerial view) of the property
3. () Illustrations of the state of conservation of the site (photographs, slides and, if available, film/videos)
4. () Details of the important aspects of the property (landscapes, animal and vegetable species, monuments etc.)
5. () Photos illustrating the main threats to the site and its surroundings
6. () Extracts of relevant laws and regulations concerning the protection of cultural and natural heritage at national, provincial and municipal levels
7. () Copies of the management plan of the site as well as extracts and/or copies of other plans relating to the site (e.g. emergency plan, use plan, etc.)
8. () Indicative bibliography

If the space on the Questionnaire is not sufficient, please continue on a separate page, clearly labelling the answer with the corresponding number of the question (e.g. 006).