

EARTHWATCH INSTITUTE

RESEARCH GRANTS

Research Proposal

Earthwatch Institute's mission:

Earthwatch engages people worldwide in scientific field research and education to promote the understanding and action necessary for a sustainable environment.

Date completed:

SECTION ONE - RESEARCH

1. Project Information

Project title:

Research site:

Research site latitude/ longitude (if known) in dd,mm,ss format:

Protected area status:

2. Contact Information

Provide the following information for each Principal Investigator (PI):

Name:

Position/institutional affiliation(s):

Address:

Work telephone:

Home telephone:

Satellite phone:

Cell phone:

Work fax:

Work email:

Research site fax:

Research site email:

Research site phone:

Project web address (if applicable):

3. Research Overview

This section provides an overview of the project, setting it in context and it will be used to develop the project briefing for volunteers (1 page max).

4. Methods

Provide methods for each of your Project objectives (listed in Question 5 of Concept Note), as appropriate (word limit: 100 for each).

Objective 1: Copy text from concept note

Methods for objective 1

**Objective 2: Copy text from concept note
Methods for objective 2**

**Objective 3: Copy text from concept note
Methods for objective 3**

**Objective 4: Copy text from concept note
Methods for objective 4**

5. Measures of Success

Indicate in the table (Y/N) which of these MoS you expect to be able to report on:

Measure of Success	Level	Reporting frequency and means of collecting data from PIs	Relevant to your project Y/N:
1. Publications in peer reviewed journals	Output	Annually – field report/ fourth year renewal report	
2. Contributions to / production of management plans and reports	Output	Annually – field report/ fourth year renewal report	
3. Threatened IUCN Red-Listed species studied	Output	PI does not report; information provided in proposal is sufficient. PI can update this information if necessary annually in the field report.	
4. Threatened biomes studied	Output	PI does not report; information provided in proposal is sufficient	
5. Threatened cultural heritage studied	Output	PI does not report; information provided by PI in proposal is sufficient	
6. Threatened intangible cultural heritage studied	Output	PI does not report; information provided by PI in proposal is sufficient	
7. Management plans adopted and implemented	Outcome	Every three years – fourth year renewal report	
8. Conventions/ agendas/ policy informed	Outcome	Annually – field report/ fourth year renewal report	
9. Livelihoods maintained or enhanced	Impact	Every three years – fourth year renewal report	
10. Threatened IUCN Species maintained or enhanced	Impact	Every three years – fourth year renewal report	
11. Threatened biomes maintained or enhanced	Impact	Every three years – fourth year renewal report	
12. Threatened cultural heritage safeguarded and sustained	Impact	Every three years – fourth year renewal report	
13. Threatened intangible cultural heritage safeguarded and sustained	Impact	Every three years – fourth year renewal report	

Please provide further details on the Measures of Success that are relevant to your project, referring to the guidelines for definitions.

You will be asked for details on MoS 1 *Publications in peer reviewed journals*, 2 *Contributions to / production of management plans and reports* and 7 *Management plans adopted and implemented* – in section 9, Dissemination.

MoS 3: IUCN Red-Listed species studied

a) If the proposed project studies an IUCN Red-Listed species, provide details below, adding extra rows as appropriate.

Species 1

Species scientific name:

Species common name(s):

Red List Category and criteria:

Species 2

Species scientific name:

Species common name(s):

Red List Category and criteria:

b) If the focus of the study is a species that is not listed on the IUCN Red List, provide details of why the species merits study:

MoS 4: Threatened biomes studied

If the project studies one of the priority biomes listed in the guidelines, provide details below;

a) Does the project study one of the priority biomes (see guidelines) Y/N:

If yes, give Biome name:

State specific habitat(s) within this biome that are studied:

b) If the project does not study one of the priority biomes, please list the biome below, and state the specific habitat within this biome that is studied. Provide a justification of why this biome/ habitat merits study.

MoS 5: Threatened cultural heritage studied (for definitions, see guidelines)

a) If the proposed project studies a threatened monument, group of buildings or site, indicate which below:

i) Monument Y/N:

ii) Group of buildings Y/N:

iii) Site Y/N:

b) Provide the name(s) and information on the threatened status of the monument/ group of buildings/ site including designations (see guidelines)

MoS 6: Threatened intangible cultural heritage studied (for definitions, see guidelines)

a) If the proposed project studies threatened intangible cultural heritage, indicate which category below:

i) Oral traditions and expressions, including language as a vehicle of the intangible cultural heritage Y/N:

ii) Performing arts Y/N:

iii) Social practices, rituals and festive events Y/N:

iv) Knowledge and practices concerning nature and the universe Y/N:

v) Traditional craftsmanship Y/N:

b) Provide details of the threatened cultural heritage studied, including name, and give information on its threatened status (see guidelines)

MoS 7: Management plans implemented and adopted is reported on in section 9, Anticipated Dissemination

MoS 8: Conventions, agendas and policy

If project data or publications will be submitted to or inform global conventions/ agendas, complete the following questions:

Name of Convention/ agenda/ policy:

Proposed mechanism of influencing (data/ publications submitted, presentation at meeting, etc):

Desired result (e.g. change in policy etc):

MoS 9: Livelihoods maintained or enhanced as a result of the project

If the proposed project will maintain or improve local livelihoods, provide details. Try to include quantitative measures that will be easy to report on, such as number of jobs created, increased income, number of local people trained, improvement in distance to nearest health care facility, improvement in access to water, etc.

MoS 10: Threatened IUCN Species maintained or enhanced

If the proposed project will restore, maintain or enhance populations of threatened IUCN Red-Listed Species, provide details below:

Species name:

Current IUCN Red List category and criteria:

Anticipated means of measuring population:

Baseline at start of project, if known (include date):

If baseline unknown does the project seek to establish a baseline? (Y/N):

Other information:

MoS 11: Threatened biomes maintained or enhanced

If the proposed project will restore, maintain or enhance habitat(s) within one of the threatened biomes listed in the guidelines, provide details below:

Biome name:

State specific habitat(s) within this biome that will be maintained/ restored/ enhanced:

Means of measuring habitat extent:

Baseline extent at start of project, if known (include date):

If baseline unknown does the project seek to establish a baseline? (Y/N):

Current extent:

Other information:

MoS 12: Threatened cultural heritage safeguarded and sustained

If your proposed project will maintain, safeguard or protect threatened cultural heritage in any way provide details below.

MoS 13: Threatened intangible cultural heritage safeguarded and sustained

If your proposed project will maintain, safeguard or protect threatened intangible cultural heritage in any way, provide details below

6. Monitoring and Evaluation

Define the measurable indicators and methods of measuring the indicators and frequency.

	Indicators (what)	Means of measuring the indicators (how)	Frequency of monitoring (How often)
Goal			
Objective 1 - Copy text from concept note			
Objective 2 - Copy text from concept note			
Objective 3 - Copy text from concept note			
Objective 4 - Copy text from concept note			

7. Volunteer Tasks

a) Outline the specific volunteer tasks for each objective that volunteers will participate in, adding rows as required.

Objective	Specific task(s)	Rigour of work (on scale of 1 – 10 with 10 being most difficult)	Approx. time required (% of total field work)	Details of volunteer training and supervision required	Will the activity occur on all teams? If no, which teams will they occur?
Objective 1 - Copy text from concept note					
Objective 2 - Copy text from concept note					
Objective 3 - Copy text from concept note					
Objective 4 - Copy text from concept note					

b) Are there any volunteer skills that are essential or considered helpful to carry out your research (such as diving certifications)? (Word limit: 100).

c) List contingency plan activities which may be needed if primary tasks are not able to be conducted due to unforeseen circumstances (word limit: 100).

8. Project Staff

a) Complete the table for Principal Investigator(s) and Field Team Leaders.

Name	Project role & responsibilities	Date of birth	Nationality	Current research focus	Relevant affiliations	Highest qualification	Experience at the research site	Previous experience of working with volunteers

b) Complete the table to indicate first aid training of staff and their presence on each team.

Staff Member present	Current First Aid qualification	Team I	Team II	Team III	Team IV

c) Do you have any medical conditions that could limit your ability to lead volunteers?

9. Anticipated Dissemination

Provide information on how you plan to share and disseminate your results and raise awareness of the project. Be as specific as possible and include the projected timeline, intended audience and involvement of project partners for each method of dissemination, adding rows where required. Where more than one partner organisation is involved in dissemination of results, indicate the lead partner, if appropriate.

Please provide details for:

- a) Measures of Success 1 *Publications in peer reviewed journals*
- b) Measures of Success 2 *contributions to / production of management plans and reports*
- c) Measures of Success 7 *management plans adopted and implemented* under the 'printed' category. For MoS 7 *management plans adopted and implemented*, include details of the desired result of implementation and details of who will be implementing the plan, if known, under the description column.

See the application guidelines for a list of types of dissemination for each category.

Category of dissemination	Type	Description	Timeline	Intended audience	Partner(s) involved
Printed					
Visual					
Digital					
Mass media					
Interpersonal and Community/ organisational meetings and conferences					
Educational resources					
Other (specify)					

10. Partnerships and Collaborations

Complete the table (where appropriate) describing the various partnerships and collaborations associated with your project.

Type of Partner	Contact name and organisation	Role in the project
a) Local scientists		
b) Universities/ research institutes		

c) NGOs		
d) Government Departments		
d) Local community representatives		
e) Other (specify)		

11. Educational Opportunities and Capacity Building

If appropriate, explain how the project will create or enhance educational and capacity building opportunities for project stakeholders, including the local community (excluding Earthwatch volunteers) (200 words max)

12. Sustainability of the Project

If possible, provide a brief statement relating to the sustainability of the project (200 words max).

13. Literature Cited in the Proposal

Provide a list of references to literature cited in the proposal.

14. Glossary of Scientific Terms used in the Proposal

Provide a list of scientific terms that have been used in the proposal and an explanation.

END OF INFORMATION SENT TO REVIEWER

SECTION TWO - FIELD LOGISTICS

15. Research Area

a) Emphasise the area's attractions as well as its hazards (200 words max).

b) Describe the research area's climate, flora and fauna, geographic environment, and culture (200 words max).

c) Do volunteers require special visas or permissions to work at the research site? If yes please provide details.

16. Accommodations

- a) Describe how volunteers will be accommodated. (If images are available please submit with your application) (100 words max).
- b) If volunteers will be sharing with others please specify how many per room.
- c) Can couples be accommodated?
- d) Describe the toilet and bathing facilities.

17. Food

- a) What are the cooking arrangements? (200 words max)
- b) Describe the typical food, and list specific food that is available and unavailable.
- c) Can you accommodate special diets?

18. Physical Conditioning/Medical Advice

- a) Describe the physical and psychological demands of the expedition (200 words max).
- b) Describe any research/recreational activities in which the PIs/staff or volunteers may participate during an Earthwatch team that are considered dangerous or carry an unusual risk of accident? (100 words max)
- c) Specify any limitations that would make participation by volunteers impossible or difficult (100 words max).

19. Field Communications

- a) Does the research/accommodation area have access to 24 hour communication to allow contact to and from Earthwatch, if required?
- b) List all project communication equipment. Identify if there are legal restrictions on the use of certain types of communications devices and if correct permissions have been granted.

20. Rendezvous

- a) Where will volunteers be met on day one by project staff?
- b) How far is the suggested rendezvous from the research site?
- c) How will volunteers be transported from the rendezvous point to the research site?

21. Itinerary

- a) Briefly outline the project's anticipated day-by-day schedule from day one (rendezvous day) to the departure day of each team.
- b)) Briefly outline a typical research day from rising to retiring.

22. Field Supplies

Please list all equipment and clothing volunteers should bring, indicating whether items are essential or recommended.

23. Exhibits

Please provide the following:

a) Personal References.

b) Copy of research permits.

c) Two maps: a country map clearly showing the location of the research area, and a detailed map of the research area showing the relationship of the rendezvous site to the expedition's residential and research sites.

d) Photos of: PI and co-PI, research location, research subject, and accommodation.

24. The Budget

Food

Cost per volunteer per day =

Cost per project staff member per day (including number of days)=

Accommodations

Cost per volunteer per day =

Cost per project staff member per day (including number of days)=

Equipment, tools, supplies

Cost of each item

Support staff

Cost per staff member per team=

Support of students from host country

Cost per student per team=

PI(s) transportation to the field

Cost per trip =

Field transportation for team

Cost per team=

OR

Cost per person per day=

Freight/Shipping/Postage (if applicable):

Other (please explain):