Guidelines for Developing a GIAHS Proposal Document

March 2021
Guidelines for Developing a GIAHS Proposal
IMPORTANT GUIDANCE TO THE AUTHORS OF A PROPOSAL DOCUMENT

1. Purpose

- The Guidelines for Developing a GIAHS Proposal Document, hereinafter referred to as “the Guidelines”, aim to provide clear recommendations to the authors of GIAHS proposal documents on the descriptions required in each part of the GIAHS application template. Therefore, the Guidelines are a supplementary document to the GIAHS proposal template.
- The Guidelines may be subject to changes. Therefore, applicants are encouraged to check the GIAHS website regularly.
- When developing a GIAHS proposal document, it is recommended to consider the following points to facilitate the correct preparation and submission of the proposal.

2. Contents of the proposal

- Descriptions provided in the document must be objective, based on verifiable facts and reliable data, and supported by scientific evidence or references, avoiding the use of implicit and metaphorical expressions.
- The document should be coherent and structured in a way that allows a comprehensive understanding of the main characteristics of the proposed system, taking into account that some readers may be unfamiliar with the key information.

3. Length of the proposal

- There is no limitation to the length of the proposal document. The description should be comprehensive and detailed enough to ensure a clear understanding of the proposed agricultural system. However, it is highly recommended that unnecessary duplication or information that is not relevant to the requirements indicated in the Guidelines be avoided.

4. Visual materials and additional information

- Photographs should be included to facilitate understanding of the contents described in the document (preferably inserted in the body of the document where appropriate). Also, if possible, the comparison between historical photos and current ones (better if taken in the same places) could be useful to illustrate how the agricultural landscape system has evolved over the years.
- If available, it is recommended to add a video/video clip of the proposed system for a better and thorough understanding of the function of the traditional system.
- The use of other visual materials (such as figures, diagrams, graphs, hand-made sketches, planimetric maps, land sections, colour images and other illustrations) is essential for understanding the proposed farming systems. For example, the inclusion of a diagram illustrating the interrelationships among different components in a system or the evolution of the landscape(s) over the production cycle is strongly encouraged.
- Scientific reference materials related to the agricultural system are also highly recommended.

5. Use of maps

- All the maps in a proposal document should exhibit high visual quality (high resolution).
- The application requires two main cartographic outputs:
  1) Geographical Map showing the exact location of the proposed system, its clear boundaries and geographic conditions.
II) **Land Use map (see the Annex for more details)** explaining how the land is used for agricultural production and other purposes on the proposed site.

- The use of additional maps throughout the application is highly recommended (climatic, topographic, etc.).

6. The visual identity, logo and colours of each page, or other visual elements in these Guidelines should not be used in official proposal documents submitted to FAO. They have been used for the sole purpose of designing the Guidelines based on FAO’s reserved rights.

7. **Structure of the proposal document.**

- A proposal document should have the following structure: each section should have chapters (specifically, each of the GIAHS selection criteria in Section IV) and sub-chapters as appropriate;
  - Cover page:
  - Table of contents:
  - Section I. Summary Information Table:
  - Section II. Executive Summary:
  - Section III. Significance of the Proposed System:
  - Section IV. GIAHS selection criteria:
  - Section V. Action plan for Dynamic Conservation:
  - Annex (there can be several annexes when necessary).

- Font, font size and line spacing
  1. Font: “Times New Roman”, font size 11 or 12:
  2. Line spacing: 1
  3. The chapter, section and subsection titles should be present as follows:

<table>
<thead>
<tr>
<th>I. TITLE OF THE CHAPTER (Font Size 16)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. Title of the Section (Font size 14)</td>
</tr>
<tr>
<td>1.1. Title of the Subsection (Font size 12)</td>
</tr>
</tbody>
</table>
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### I. SUMMARY INFORMATION TABLE

<table>
<thead>
<tr>
<th>Name/Title of the proposed GIAHS</th>
<th>The title should preferably include a reference to the location and the main features of the system.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Requesting Agency/ Organization and contact information</td>
<td></td>
</tr>
<tr>
<td>Responsible Ministry and contact information</td>
<td></td>
</tr>
<tr>
<td>Location and geographical coordinates</td>
<td>Region, City, Province, and brief description of the location.</td>
</tr>
<tr>
<td>Transport links between the site and the capital city or major cities</td>
<td>The fastest way to reach the site (plane, highway), distance to the nearest airport, etc.</td>
</tr>
<tr>
<td>Area of coverage (expressed as “ha”) of the system (core area) and, where necessary, buffer zone</td>
<td></td>
</tr>
<tr>
<td>Agroecological zones for agriculture, forestry, fisheries, and aquaculture</td>
<td>Agroecological zones are defined by FAO as homogenous and contiguous areas with similar soil, land and climate characteristics.</td>
</tr>
</tbody>
</table>

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1. Only the core area is designated as a GIAHS, meanwhile the buffer zone can be defined as a surrounding area that contributes to the conservation, management, and sustainability of the system. Determination of the buffer zone is not mandatory but is useful information for management of the site.

2. An Agroecological zone is a land resource mapping unit, defined in terms of climate, landform, soils, and/or land cover, with a specific range of potentials and constraints for land use.
<table>
<thead>
<tr>
<th>Topographic features</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Climate type</strong></td>
<td>Climate types are defined under an <a href="#">international classification</a>.</td>
</tr>
<tr>
<td><strong>Approximate population</strong></td>
<td>Number of individuals and households involved in the proposed GIAHS.</td>
</tr>
<tr>
<td><strong>Traditional communities and/or indigenous populations (if applicable)</strong></td>
<td>A group of people who identify with each other based on common ancestral, social, cultural, or national experiences.</td>
</tr>
<tr>
<td><strong>Main source of livelihoods</strong></td>
<td>Agriculture, aquaculture, forestry, fisheries, food manufacturing, tourism, food processing, etc.</td>
</tr>
</tbody>
</table>
II. EXECUTIVE SUMMARY

Note for the Applicants

Summarize concisely the following content (three pages maximum)

Overview of the proposed system

- A comprehensive and broad description of the proposed system should be presented in a clear and concise manner in this chapter.

- Please note that this is the only chapter where the readers can gain an understanding of the system as a whole, since the remaining chapters will focus on the explanation for each individual selection criterion.

- The quality of this chapter is critically important for the evaluators of a proposal document.
III. SIGNIFICANCE OF THE PROPOSED SYSTEM

Note for the Applicants

- This chapter describes the global importance of the proposed agricultural system with emphasis on its heritage values at the global level by explaining the unique features that qualify the system as GIAHS.
- The global values of the system can be described through the following four parts:

**PART A  Specific values and features**

- Provide a clear explanation of the specific values and unique features (then presented in detail across the five selection criteria) of the proposed system that distinguish the system as a GIAHS site by highlighting the elements of global importance.

**PART B  Historical relevance**

- Describe the historical development of the system, highlighting the main processes that have historically contributed to the evolution of the proposed system. Particular focus should be placed on the origin of the agricultural system and how it was established and has adapted over time, to illustrate the values that link the local system with the broader picture of agricultural development.

**PART C  Contemporary relevance**

- Highlight how the system contributes to addressing contemporary global issues and challenges such as food security and nutrition, social and economic welfare, climate change adaptation, rural development and conservation, and the sustainable use of biodiversity, among others.
- Briefly describe how the agricultural system is relevant and contributes to FAO and UN Global Goals such as the Sustainable Development Goals (SDGs), and achieving international engagements such as the UN Decade of Family Farming (UNDF) and UN Decade of Ecosystem Restoration.

**PART D  Comparative analysis**

- Explain the differences and peculiarities of the proposed system compared with other similar agricultural systems in the same country and/or in other countries (comparative study). The proposed system may have distinctive features compared with other similar systems, as a consequence of the interaction between human beings and nature as well as the coevolution of communities with the local environment and the lengthy knowledge transfer process. The aim of the comparative study is to conduct an objective exercise to clarify similarities and distinctive features of the proposed system, rather than to judge the superiority of one system over any another.
- At the international level, such comparisons enable the authors to interpret the specific characteristics of the proposed system within a particular national or even regional natural environment and cultural context, creating an opportunity to exchange information and learn from similar systems. In case of joint/collective applications, this exercise enables the various stakeholders to properly evaluate the proposed system.
IV. GIAHS SELECTION CRITERIA

Note for the Applicants

- This Chapter should have 5 Sections: one for each of the five GIAHS selection criteria (as presented in the following pages). These sections allow for a detailed evaluation of the characteristics of the proposed system to be recognized as GIAHS. Each Section encompasses one of the elementary dimensions of agricultural heritage.

- The five criteria are interrelated. As a result, there may be some information overlap. However, the applicant should ensure that appropriate information in terms of both quality and quantity is provided under the most relevant criterion.

- The information provided under each criterion may not be exhaustive. Applicants can further expand on the system by placing any additional relevant information which does not fall under one of the five criteria in the annexes.
1 Food and livelihood security

Describe how the proposed agricultural system contributes to the local community’s food and livelihood security. This may include access to food, its contribution to varied diets, as well as the economic sustainability of the system. The economic contribution of the system to the livelihoods of farming communities can include any practice that fosters supply and exchange among local and/or external communities.

Note for the Applicants

Adequate information should be provided to describe the type of agriculture, its relevant economic activities, and its contribution to food and nutrition security and the livelihoods of the local community. The information should be further supported with numerical data and figures to the extent possible. In those cases where agriculture is not the main source of livelihoods, information on the general economic structure of the rural community should be provided.

When illustrating local communities’ contribution to food and nutrition security, the applicants can follow the relevant FAO framework designed for this purpose (Basic Concepts of Food Security).

Contribution of the proposed agricultural systems to the food security and livelihood security of the rural communities

• Describe how the proposed agricultural system (agricultural production) contributes to rural communities’ food security and livelihoods (e.g., through food production and associated activities).

Products and services provided by the system

• List the main edible and non-edible products which are derived and produced from the system and contribute to the food and nutrition security and livelihoods of the community, including plants, animals, forestry and aquatic products as well as other products related to the wellbeing of the community, e.g., medicines.
• Describe the production volumes of the main crops, their land productivity (e.g., yield per ha) and sales (expressed as economic values), where available.
• Illustrate the degree of self-sufficiency (food, economic) that the local community has achieved with the proposed system.
• Present, in detail, the degree of market inclusion (market access/participation) attained for the system’s products at the local, national, and international levels (e.g., percentage of production sold and the destination of the production).
• Provide information of the role of other economic activities associated with the heritage system in contributing to its conservation and development (e.g., tourism, agritourism, food processing, handicrafts, clothes, etc.).

Farming structure and management

• Specify the number of farms, including family farmers, that support the agricultural system.
• Describe the type of agricultural system: e.g., agricultural production models such as mixed cropping, intercropping, (rice paddies and aquaculture, etc.), agroforestry, pastoral or aquaculture system, etc.
• Describe the size of the land, forestland, grassland, and other relevant agricultural resources operating under the entire system and average farm size.

3 The FAO definition of agriculture includes forestry, livestock and fisheries sectors as well.
• Describe the labour structure on an average farm, which is expressed as the number of workers and the sources of agricultural labour force (from the household, the community, or external workers, etc.).

• Outline the average income per farmer (or household if this is more relevant), highlighting the contribution of the proposed agricultural system, as well as other income sources, in accordance with the local standard of living and aspirations.

Contribution to sustainability and resilience

• Describe the system’s adaptive capacity and ability to continuously ensure food and livelihood security (e.g., through diversifying production or economic opportunities)

Threats and challenges
Agrobiodiversity
Describe in detail the agrobiodiversity of the system, according to the FAO definition. The system should be endowed with agrobiodiversity, genetic diversity and relevant practices/knowledge contributing to the conservation and sustainable use of biodiversity for agriculture, fisheries, forestry, and livestock practices.

Note for the Applicants
FAO defines agrobiodiversity as follows: “The variety and variability of animals, plants and microorganisms that are used directly or indirectly for food and agriculture, including crops, livestock, forestry and fisheries. It comprises the diversity of genetic resources (varieties, breeds) and species used for food, fodder, fibre, fuel, and pharmaceuticals. It also includes the diversity of non-harvested species that support production (soil micro-organisms, predators, pollinators), and those in the wider environment that support agro-ecosystems (agricultural, pastoral, forest and aquatic) as well as the diversity of the agro-ecosystems.”

Cultivated, reared, and harvested plants and animals
- Provide an exhaustive list of cultivated and harvested species, varieties, and breeds in the form of a table and also specify, if possible, their intended purposes (e.g., food, medicinal use, human and/or animal consumption). Add photos of these varieties.
- Provide both the common names (both traditional and national languages, with translations in English if possible) and scientific names, as well as their specific features, and the number of the endemic and local varieties.
- Describe the distribution of the crops and varieties (mixed crops, mixed varieties, monoculture), and their characteristics.

Ecological functions
- Highlight the beneficial relationship among species and the ecosystem services provided by the agricultural system including cultivated and associated biodiversity.
- List of preserved species (wild relatives, plants, animals, microorganisms) connected to the system (e.g., forest management) highlighting threatened species/varieties and how the system contributes to their conservation.
- Highlight the beneficial relationship between human activities related to GIAHS practices and biodiversity.

Contribution of agrobiodiversity to the sustainability and resilience of the system
- Explain how agrobiodiversity and its interrelations with the ecosystem support the system in mitigating detrimental impacts associated with environmental pressures, such as drought, flood, land erosion, water eutrophication, wildfires, significant loss in flora and fauna communities, etc.
- Describe, if any, a process where agrobiodiversity contributes to increasing resilience against negative impacts caused by social, economic, health and other factors.

Threats and challenges
3 Local and traditional knowledge systems

Describe the status of invaluable local and traditional knowledge, ingenious adaptive technologies, and management systems for natural resources, including biota, land and water, which have supported agricultural, forestry and/or fishery activities.

Note for the Applicants

The suggestions below are based on plant production agricultural systems. For any other specific production system, the authors may decide to provide different information and/or expand on it or structure it differently. The central focus should reflect the title of the proposal.

Agricultural practices/technologies and associated knowledge

- Describe all the agricultural practices, technologies and associated knowledge that ensure sound management of the agricultural production system. These may include cultivation and management practices/technologies related to different types of crops, animal breeding, pollination practices, training methods, etc.
- Describe the management practices relating to genetic material selection, conservation, and propagation, highlighting farmers’ agrobiodiversity management practices.
- Provide schemes that illustrate the interrelations and synergies existing within and outside the farms. Highlight, when necessary, the agroecological practices used (e.g., beneficial relations among crops and other agricultural activities, including aquatic animals, with a focus on synergies and ecological service management).
- Describe pest and disease management.
- Describe harvest and post-harvest management practices and technologies, where relevant.
- Describe the tools, technologies, and types of labour support provided (animal, machinery, etc.).

Natural agricultural resources management (Land and Water, etc.)

- Describe management practices and technologies for natural agricultural resources held by individual farmers and/or by the community: this can include water and soil management as well as forest and biodiversity management (e.g., terraces, stonewalls, irrigation networks, forest and fire management, agricultural architecture and buildings, etc.).
- Highlight practices which contribute to mitigating negative environmental impacts and increasing synergies between the agricultural system and its surrounding environment (features of the integrated system, symbiosis with the natural environment).

Contribution of local and traditional knowledge to sustainability and resilience

- Illustrate how traditional knowledge and practices contribute to the sustainability and resilience of the system, including practices which contribute to mitigating negative environmental impacts (e.g., through the reduction of risks and/or the conservation of natural resources).

Threats and challenges
Cultures, value systems and social organizations

Describe how the cultural identity and sense of place are embedded in and belong to the proposed system. In addition, illustrate how social organizations, value systems and cultural practices associated with resource management and food production may ensure conservation of and promote equity in the use of and access to natural resources. Indicate how local social organizations can play a critical role in balancing environmental and socio-economic objectives, in enhancing resilience and in the reproduction of all elements and processes critical to the functioning of the agricultural system.

Note for the Applicants

Cultural identity and agriculture

- Specific cultural practices and identity elements related to the agricultural system: beliefs, rituals and symbols, myths and stories, music, dances, languages, historical elements, arts and handicrafts, traditional clothes, traditional cuisine using local agricultural products as ingredients (and their nutritional value where possible), etc.

Management of the system

- List the organizations/associations relevant to the maintenance of the system highlighting their role, evolution and involvement (Community-Based Organizations (CBO’s), farmers cooperatives, women’s associations, youth cooperatives and associations, etc.).
- Describe collective value systems, such as customs and communal rules, highlighting their role in the maintenance, evolution and transmission of the proposed system (agreements for decision-making processes, community labour sharing, access and use of natural resources, customary laws, seed exchanges, gender-based division of labour, etc.)
- Describe the management of the transmission of agriculture-related knowledge, practices and culture through the generations (e.g. through community leaders, families, women, etc.).
- Name the external organizations supporting the system, such as NGOs, foundations, government agencies, etc.
- Describe: the degree of awareness among local communities of the GIAHS application process; the extent of their involvement in the process; and their contribution to the process and to the implementation of the Dynamic Conservation Action Plan.

Contribution of culture, value systems and social organizations to the sustainability and resilience of the system

- Describe any known cases where common value systems and/or traditional social organizations contribute to supporting and increasing the sustainability and resilience of the system.

Threats and challenges
5 Landscape and seascape features

Describe how the landscapes or seascapes have developed over time through the interaction between human activity and the environment and appear to have stabilized or to evolve very slowly. Their form, shape and interlinkages are characterized by long historical persistence and a strong connection with the local socio-economic systems that produced them. Their stability, or slow evolution, is the evidence of integration of food production, the environment and culture in a specific area or region.

Note for the Applicants

- Agricultural heritage systems are land use systems and landscapes/seascapes evolving from the co-adaptation of a rural community with its environment. Therefore, this section should include all the information available concerning land use structure and landscape and seascape features.
- Support the description of the landscape/seascape system with appropriate visual materials such as figures, photos, sketches, planimetrics, cross-sections, and other kinds of diagrams.

General description of the landscape:

- Describe the land use and landscape with appropriate visual materials such as figures, photos and diagrams.

Natural context and land uses

- Describe the biophysical, abiotic, climatic, geographic, and environmental conditions of the system. This includes the physical environment, such as the location of the area affected by the GIAHS site, its characteristic morphology, average slope, its altitude, as well as the other natural components of the system and their functions (forests, watersheds, lakes, etc.).

Agricultural landscapes/seascapes

- Provide a land use map, highlighting all relevant land use related to agricultural activities, including components such as cultivated land, wood pastures, grasslands, wetlands, swamps, water bodies, forests, urban areas and scattered settlements, and agricultural practices and technologies applied therein, such as terraces, dry stonewalls, water courses, hedges, tree rows, etc. Land use maps may include those for each agroecological zone within the site, where necessary, as laid out in the summary.
- Provide a description of the agricultural landscape system, highlighting the relationships among tangible landscape components (as listed in the previous bullet) and their interaction with their spatial characteristics, locations, and functions, among others.
- Describe the impact of the system by highlighting how agriculture and its associated resource management practices have historically shaped and modified the landscape.

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4 The landscape/seascape is more than just beautiful scenery. It is the tangible result of the interaction between human beings and nature in the course of history. It can be described as the shape of spaces (open, built, or natural), their specific functions (also related to their shapes or locations), and relationships among components that form the agricultural landscape system as a whole.

5 The guidance document on how to make land use maps is attached as the “Annex” to this document.

6 It is also suggested, where possible, to add charts and diagrams for the land use description (see the “Annex” to the Guidelines).
• List the unique features of the seascape, including the coastal landscape and adjoining areas of open water, views from land to sea, from sea to land and along the coastline.

Settlements and associated built structures

• Describe the applied knowledge relating to land management practices and construction. The latter includes rural settlements, as well as any type of construction that is relevant to agricultural activities, e.g., dry-stone walls, terrace construction, barns, constructed wetlands, water reservoirs, etc.

Sustainability and resilience

• Highlight the roles and functions of management practices for landscapes and seascapes that contribute to addressing natural constraints, e.g. erosion, flooding, droughts, etc.

• List any landscape and territorial planning policies, if relevant.

Threats and challenges

\[7\] Briefly describe, when possible, how the construction of the landscape/seascape over time has resulted in the current unique aesthetic character of the scenery, views, and pictures.
V. ACTION PLAN FOR DYNAMIC CONSERVATION

Note for the Applicants

An Action Plan for the dynamic conservation of the proposed GIAHS system must be developed with the proposal. When designing the Action Plan, the items recommended for inclusion are:

a. Identify, assess, and analyze threats and challenges described across the five selection criteria (including socio-economic pressures and environmental changes) to the continued existence, sustainability, and viability of the system.

b. Identify and provide a detailed description of concrete actions (including relevant policies, strategies and planning instruments) which are already under implementation and/or will be implemented in the area by various relevant stakeholders to cope with the threats and challenges identified and analyzed under “a.” above to promote the dynamic conservation of the system.

c. State also in detail how each action will respond to the threats and challenges described in subparagraph “a.”

d. While describing “b.” (above), the following supplementary information should also be provided:
   • Explain the role and responsibility of each stakeholder in the relevant action, including local communities and institutions involved at the local, national, and international levels, specifying which stakeholders are acting as the responsible body, and which ones are the partners.
   • Establish a concrete and feasible time frame for the implementation of each action.
   • Indicate a tentative budget estimate for the Action Plan’s implementation, as well as the funding sources.
   • Explain how multiple stakeholders are involved and how policies, strategies and actions can be used to leverage funding and/or mobilize resources at the local, national and/or international level(s).
   • Describe how monitoring and evaluation of the implementation and impact of the Action Plan will be undertaken.

e. Ensure that the Action Plan is properly organized, results-oriented and well-coordinated so that each action addresses the threats identified and sets targets through which to achieve its goal within a given time frame.


ANNEX

Guidance document for land use map

Information to be provided:

1. The proposed system has to be accurately defined through boundaries. A map carefully describing the system boundaries must be provided with the proposal.

2. The property might comprise a core area and a buffer zone. In cases where both of these exist, the boundaries must be clearly marked in order to distinguish between the core area and the buffer zone. Where a buffer zone has been identified, it is necessary to explain why and how it plays an important role in protecting the proposed system.

3. The general description (see the next section) must include a detailed description of the total surface area, namely the total number of hectares or square kilometres.

Below are some examples of the required outputs:

Fig.: Example of a map representing the boundaries of the proposed area (source: proposal document “Traditional Mulberry System in Xiajin’s Ancient Yellow River”, designated as a GIAHS in 2018)

Fig.: Example of the boundaries map of the inscribed in the Italian National Register of Historical and Rural Landscapes in January 2018 (source: proposal document “Il paesaggio rurale storico di Lamole – Greve in Chianti)

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8 The buffer zone should be identified wherever there may be a need for an additional area to guarantee more efficient protection for the proposed site. Therefore, the buffer zone should be identified as a surrounding area characterized by the same restrictions as the proposed core area. It is thus important for the buffer area to have similar features to the core area.
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Fig: Examples of core area (yellow) and buffer zone (blue). The image must be clear and the two zones have to be carefully distinguished through the use of adequate colours.

➢ General description of the landscape:

Description and analysis of the physical environment such as location of the area, watersheds affected by the system, and geomorphological structure (e.g. altitude, average slope, river or lake basins, mountain areas, plains, etc.). The inclusion of attachments such as photos and graphs to illustrate the main landscape peculiarities is strongly recommended.

An in-depth description of the landscape must be provided in the shape of land use map of the site, to be complemented by the necessary landscape indexes. This should ideally be done using a Geographic Information System (e.g. QGIS software).

Outputs:
1. Land use map with boundaries and a detailed legend (focusing on the ones that are fundamental for GIAHS).
2. Graphs with land uses represented in percentage form.
3. Maps highlighting terraces, dry stonewalls, water courses, hedges, tree rows, natural fences where relevant.
4. Landscape indexes:
   - Surface area in hectares.
   - Number of patches derived from the land use analysis.
   - Number of land uses.
   - Averages for both agricultural patches and other patches.
   - Hill’s diversity number\(^\text{10}\).

\(^\text{9}\) The legend items must be very detailed. In particular, the agricultural patches have to be described meticulously, distinguishing between mixed cultivation and multiple uses (e.g. olive groves with pastures), and include cultivated lands, wood pastures, grasslands, wetlands, swamps, water bodies, forests, urban areas and scattered settlements.

\(^\text{10}\) The Hill’s diversity number quantifies which kind of land use is predominant in a determined area. The result is a number never higher than the amount of land uses of the area. The formula reads:

\[
N1 = e - \sum \left( \frac{n1}{N} \right) \times \ln \left( \frac{n1}{M} \right)
\]

Where: \(n1\) is a single patch surface.
- \(N\) is the total surface.
- \(M\) is the total number of site land uses.
Below are some examples of the required outputs:

**Fig. Example of a land use map with a detailed legend** (source: proposal document “Olive groves of the slopes between Assisi and Spoleto”, designated as a GIAHS in 2018)
Fig. Example of a graph with land use distribution in percentage form (source: proposal document “Olive groves of the slopes between Assisi and Spoleto”, designated as a GIAHS in 2018)

Fig. Example of a map with terrace location (source: proposal document “The historical rural landscape of Lamole in Chianti”, inscribed in the Italian National Register of Historical Rural Landscapes in January 2018)
Fig. Example of landscape evaluation indexes. In this case it was possible to compare the landscape structure of 1954 and 2011 through the creation of two different land use maps. While it is not strictly necessary, the creation of two land use maps is recommended - one for the past and one for the present - in order to testify to the integrity of the landscape structure throughout the years. (source: proposal document “Olive groves of the slopes between Assisi and Spoleto”, designated as a GIAHS in 2018)

<table>
<thead>
<tr>
<th>Landscape evaluation indexes</th>
<th>1954</th>
<th>2011</th>
</tr>
</thead>
<tbody>
<tr>
<td>Total surface</td>
<td>9113</td>
<td>9113</td>
</tr>
<tr>
<td>Number of patches</td>
<td>7563</td>
<td>13802</td>
</tr>
<tr>
<td>Number of land uses</td>
<td>32</td>
<td>41</td>
</tr>
<tr>
<td>Hill’s Diversity Number</td>
<td>8.2</td>
<td>10.7</td>
</tr>
<tr>
<td>Average surface of patches</td>
<td>1.21</td>
<td>0.70</td>
</tr>
<tr>
<td>Average surface of agricultural patches</td>
<td>1.28</td>
<td>0.67</td>
</tr>
</tbody>
</table>

The shapefiles used for the creation of the maps must be sent to the Secretariat along with the application.

In addition to the detailed description of all the land uses which characterize the area and the associated maps, the integrity features of the land uses and the landscape mosaic and their state of conservation should be defined.

Although particular importance should be given to the proposed agricultural system, any other land use included within the boundaries of the area should be described and an explanation of their inclusion should be provided.

For example, as far as pasturage is concerned, their structure should be described; this is case, for instance, for wood pastures, bare pastures or meadows for fodder production. As far as forests are concerned, forest types, species, and management style (e.g. coppice, high stands, etc.) should be described in the legend of the land use.