

Cultural Heritage Management

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Outline

1. Attribute Mapping and HIA
2. The Importance of Attribute Mapping and HIA
3. Methodology of Attribute Listing and Mapping for Heritage Sites
4. Case Study: Attributing List and Attributing Mapping of Zee Ain Heritage Village in Al-Baha Region, Saudi Arabia



1- Attribute Mapping and HIA

Scoping: What Should Be Assessed?



- Identify data needs
- Define potential impacts
- Determine assessment area
- Define assessment timeframe
- Prepare Scoping Report



1- Attribute Mapping and HIA

Scoping: What Should Be Assessed?

The World Heritage property, its values and attributes → <i>Section 6.6</i>	● Statement of Outstanding Universal Value (available online in most cases) ● Preliminary identification of tangible and intangible attributes that convey the OUV ● Summary of the World Heritage property's other heritage/conservation values of national or local importance, particularly those which: • have strong interdependencies with the OUV • might also be impacted by the proposed action • are essential to management and protection of the World Heritage property ● Areas where information needed to inform the assessment is missing
Policy context → <i>Section 6.6</i>	● Legal provisions, policies, decision-making frameworks and standards relating to heritage ● Consistency of the proposed action with existing legal provision, governance arrangements and the management system for the World Heritage property

2- The Importance of Attribute Mapping and HIA

Scoping: What Should Be Assessed?

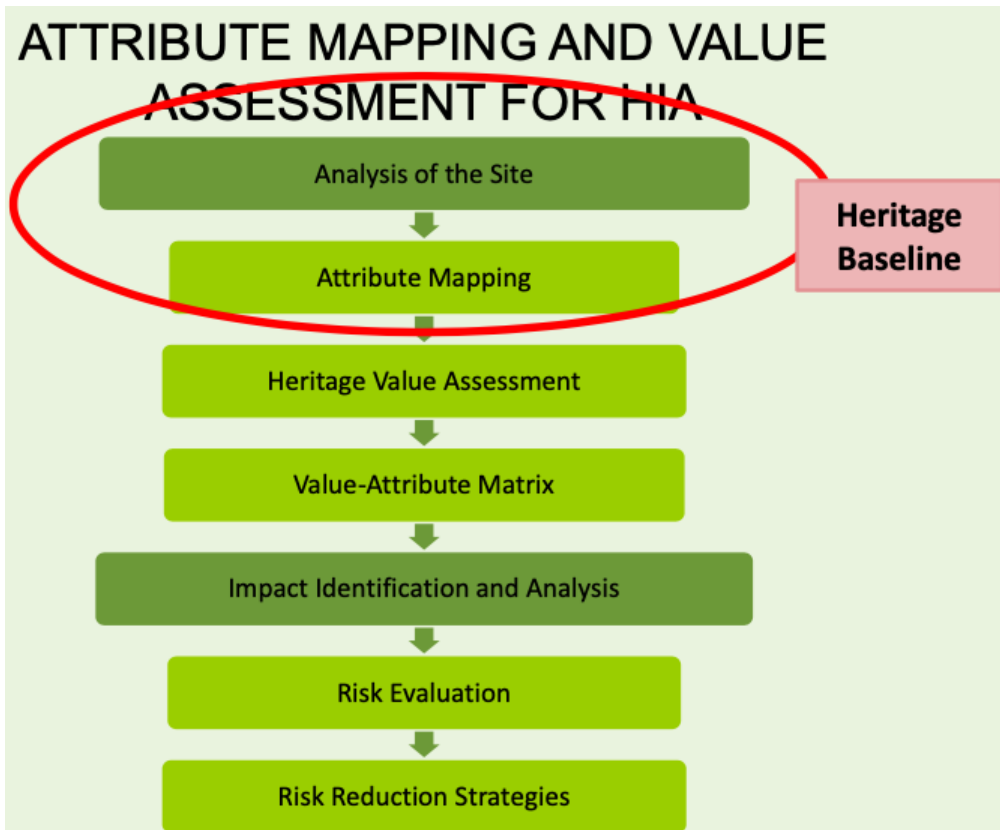


- Attribute Mapping Helps To:

- Establish the heritage baseline
- Understand site values
- Identify heritage significance
- Support management and conservation
- Assess impacts more accurately

2- The Importance of Attribute Mapping and HIA

Establishing the Heritage Baseline

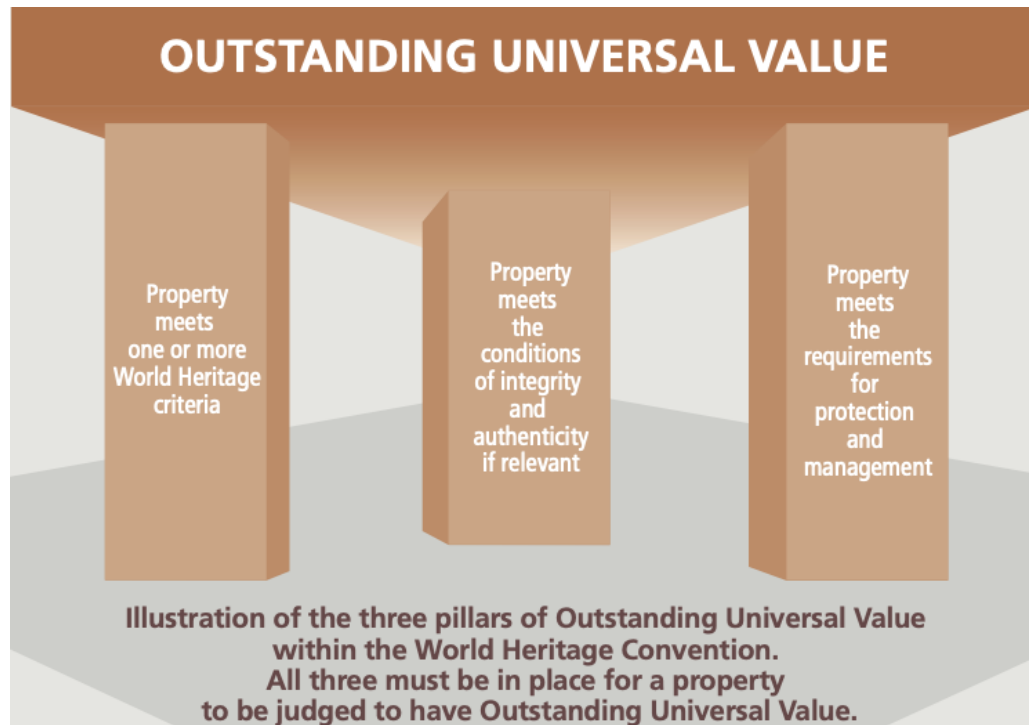


- Baseline Information Includes:

- Physical elements
- Cultural meanings
- Historic development
- Current condition

2- The Importance of Attribute Mapping and HIA

Attributes and Outstanding Universal Value (OUV)



- Relationship Between Attributes and OUV

- Every World Heritage Site Has:

- Heritage values
- Outstanding Universal Value (OUV)

- Attributes:

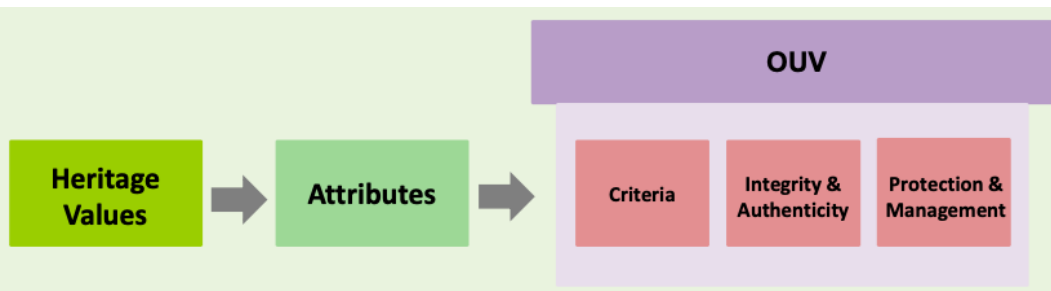
- Convey heritage values
- Express OUV physically or conceptually

- Attributes Can Be:

- Tangible
- Intangible

2- The Importance of Attribute Mapping and HIA

Attributes Support World Heritage Criteria



- Attributes Help To:

- Demonstrate OUV
- Explain inscription criteria
- Show authenticity
- Show integrity

- Examples

- Architecture
- Landscapes
- Traditions
- Use and function
- Design and materials

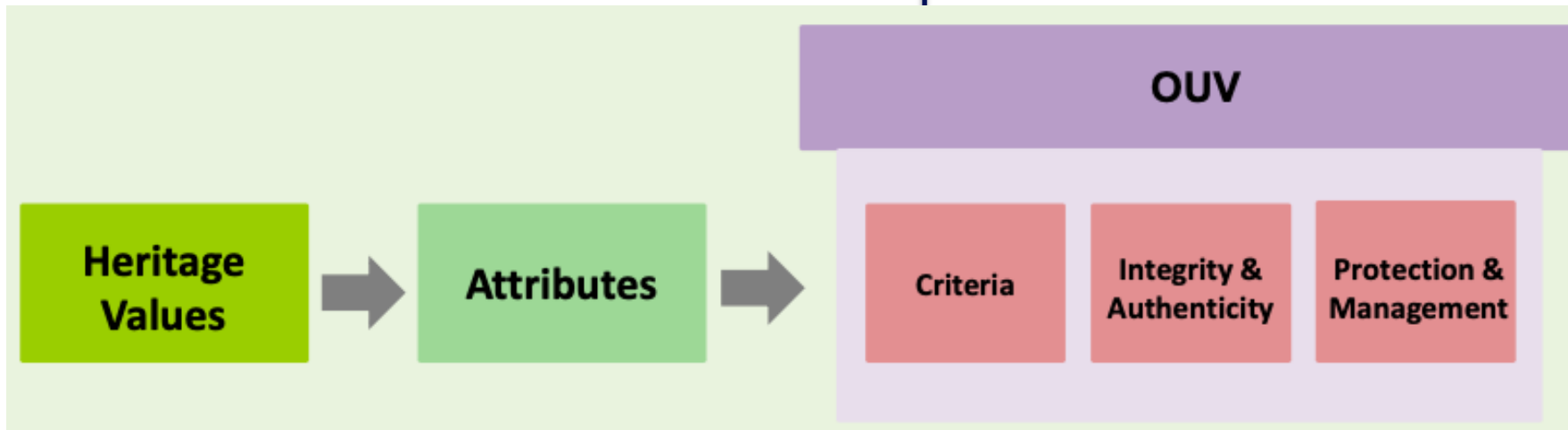
2- The Importance of Attribute Mapping and HIA

Attributes Support World Heritage Criteria

- Where Are Attributes Mentioned?

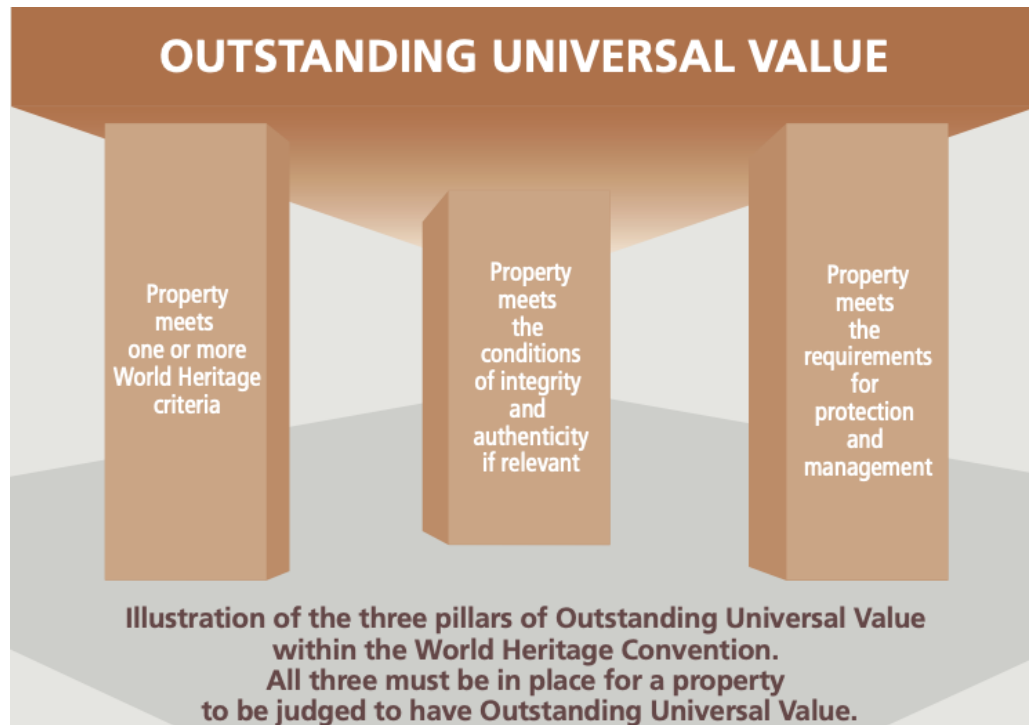
- Attributes Are Referenced In:

- UNESCO Operational Guidelines
- Authenticity discussions
- Integrity discussions



2- The Importance of Attribute Mapping and HIA

Attributes and Authenticity



- Attributes Help Demonstrate:

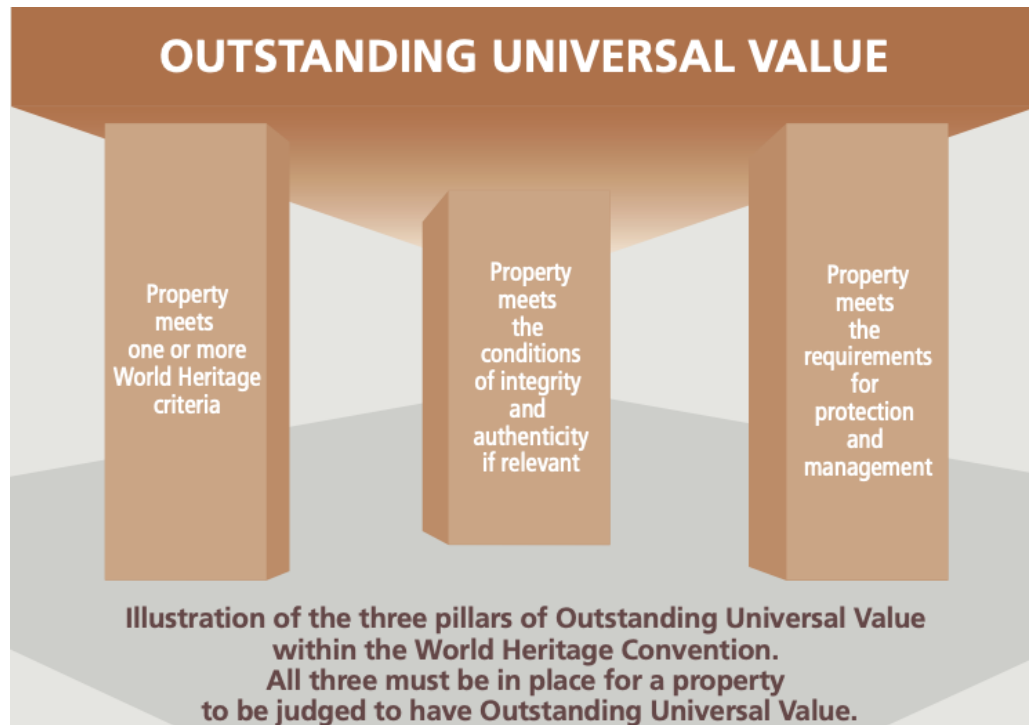
- Form and design
- Materials and substance
- Use and function
- Traditions and techniques
- Spirit and feeling

- **Purpose**

- To prove the authenticity of the heritage property.

2- The Importance of Attribute Mapping and HIA

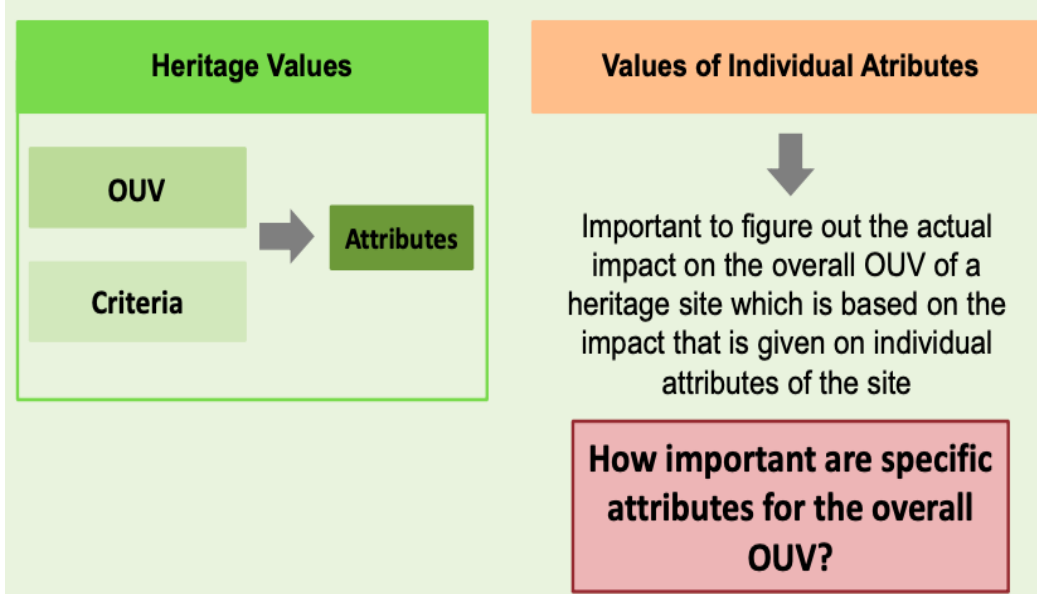
Attributes and Integrity



- Attributes Help Assess:
 - Completeness of the site
 - Intactness of the site
 - Presence of all significant elements
- **Important Questions**
 - Is the site still complete?
 - Are key attributes preserved?
 - Are impacts affecting integrity?

2- The Importance of Attribute Mapping and HIA

Heritage Values vs Attribute Values



A- Heritage Values

- Overall OUV of the site

B- Attribute Values

- Relative importance of each attribute

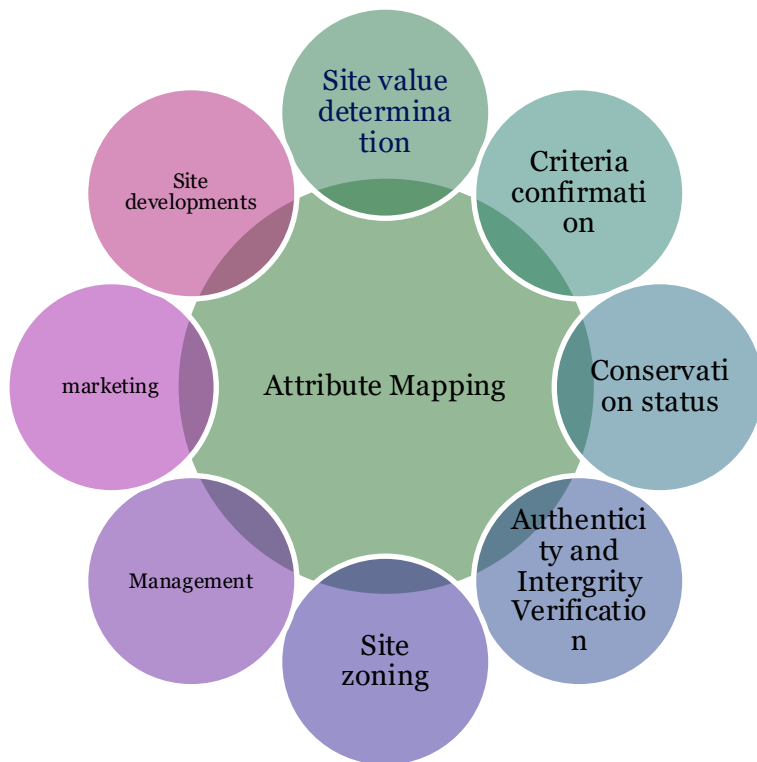
- In HIA

- Different attributes may have:

- Different significance
- Different vulnerability
- Different management priorities

2- The Importance of Attribute Mapping and HIA

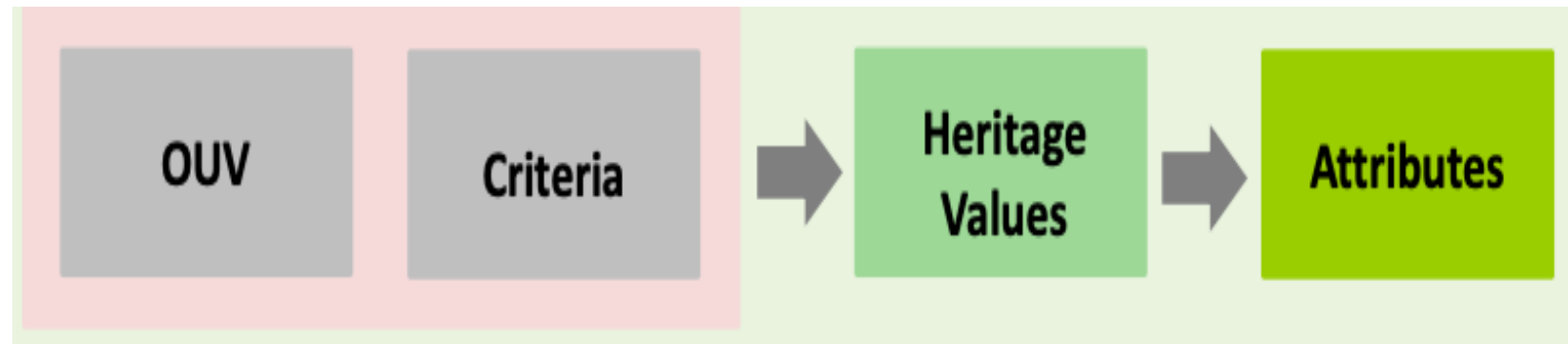
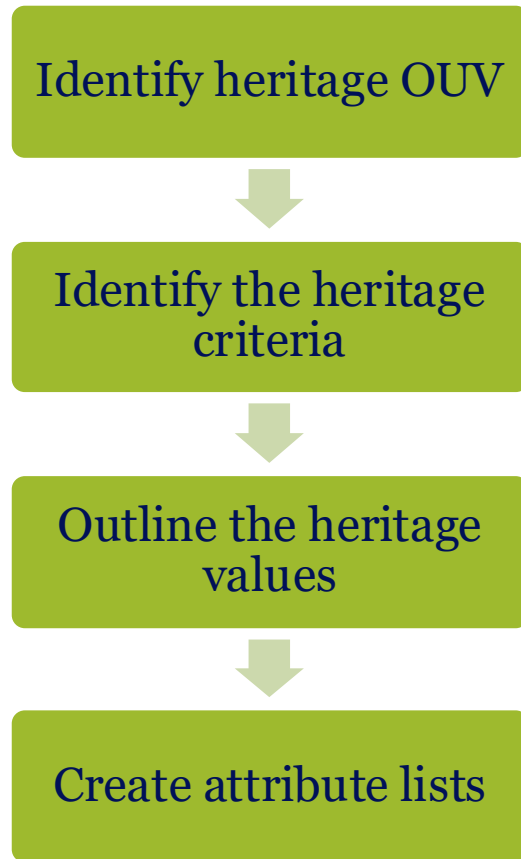
Outcomes of Attribute Listing



- Conservation planning
 - Site management
 - Zoning
 - Marketing and tourism
 - Monitoring
 - Impact assessment
- Also Helps To:**
- Identify endangered areas
 - Prioritize management actions

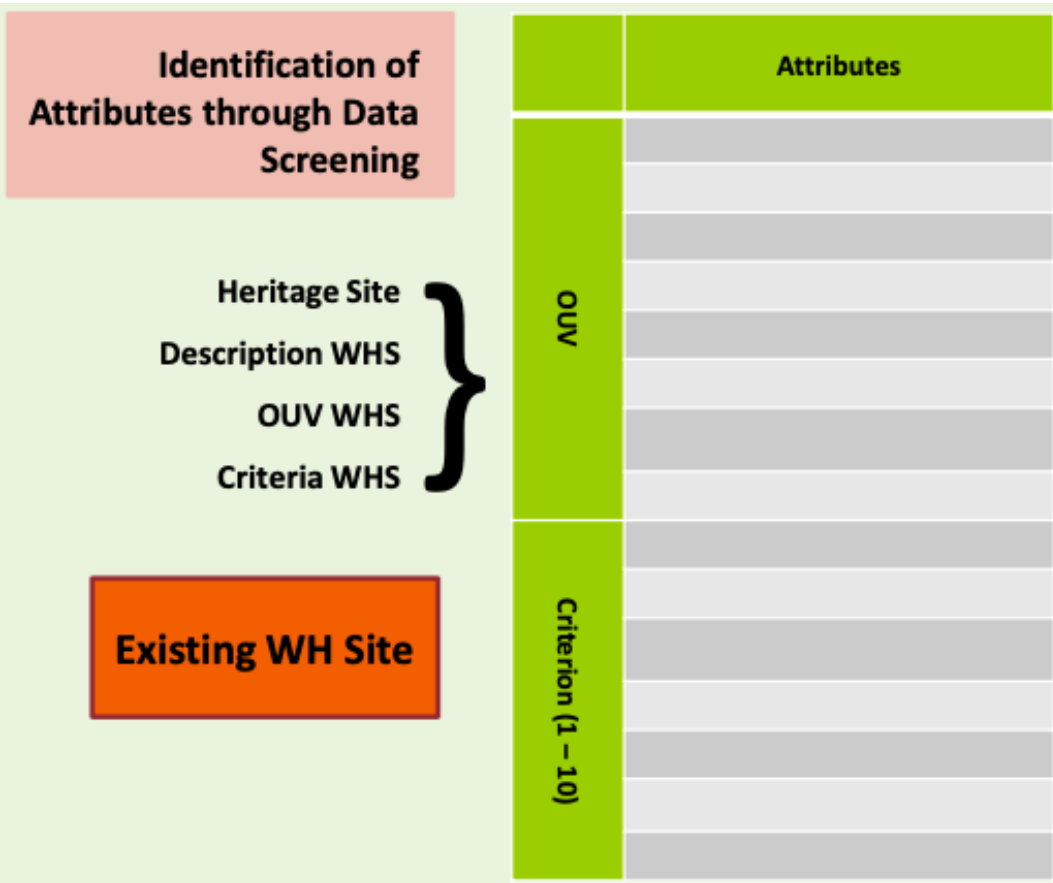
3- Methodology of Attribute Listing and Mapping

General Methodological Framework



3- Methodology of Attribute Listing and Mapping

General Methodological Framework



- Existing Sites as a Starting Point

- Advantages

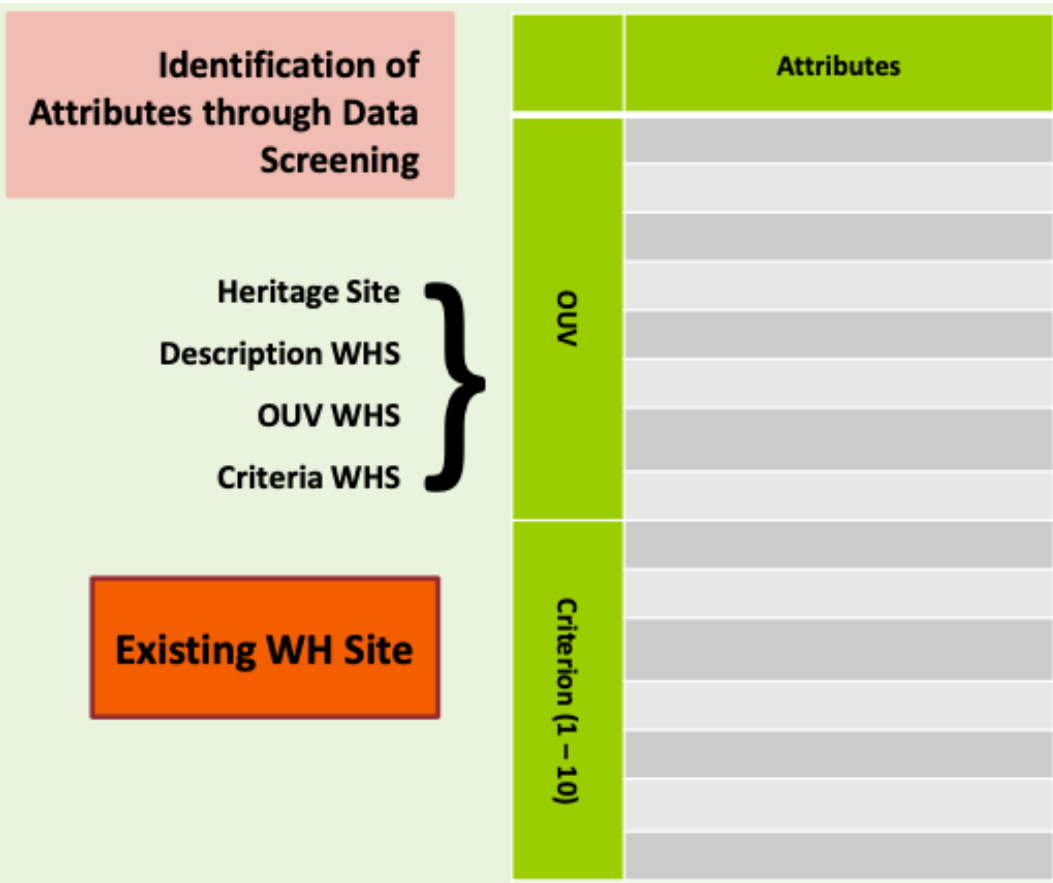
- Existing OUV statement
- Defined criteria
- Documentation available
- Established heritage values

- Main Sources

- Nomination files
- UNESCO documentation
- Management plans

3- Methodology of Attribute Listing and Mapping

General Methodological Framework



- Data Screening

- Review Official Documents

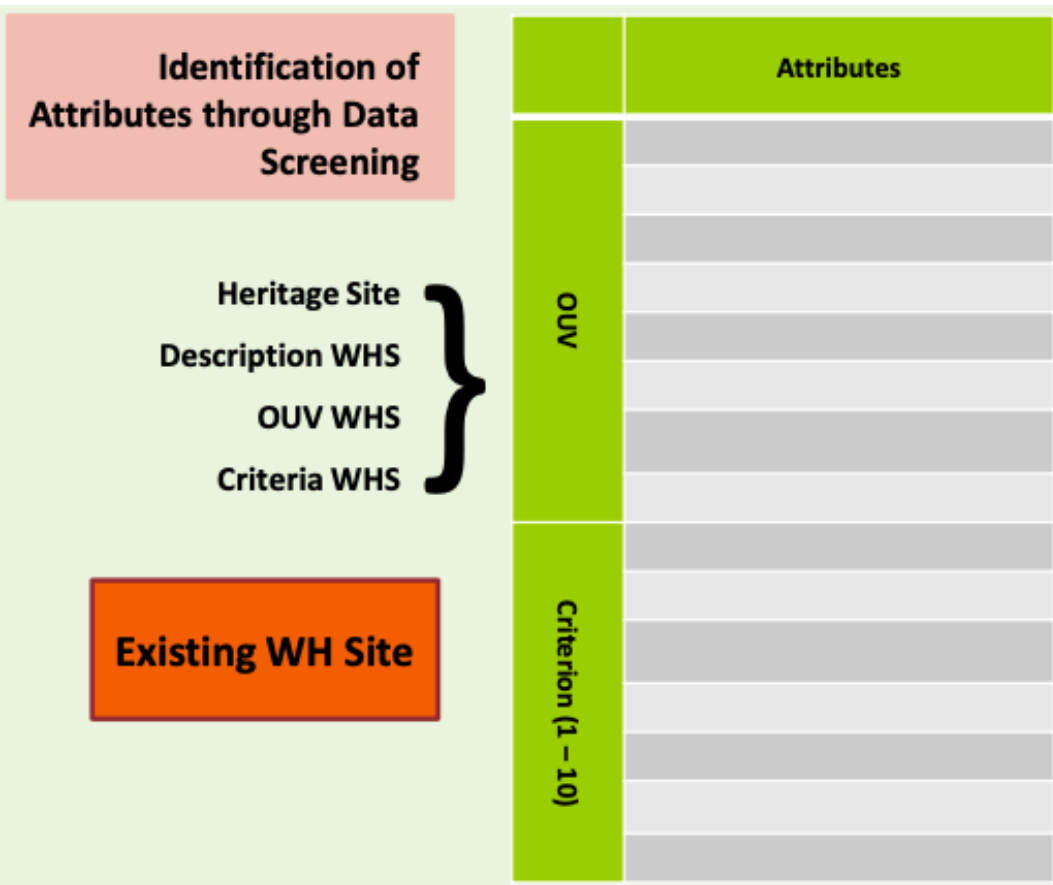
- Statement of OUV
- Criteria
- UNESCO website
- Nomination file
- ICOMOS evaluations

- Objective

- Identify recurring themes and heritage values.

3- Methodology of Attribute Listing and Mapping

General Methodological Framework



- Additional Sources for Attribute Identification

- Scientific Sources

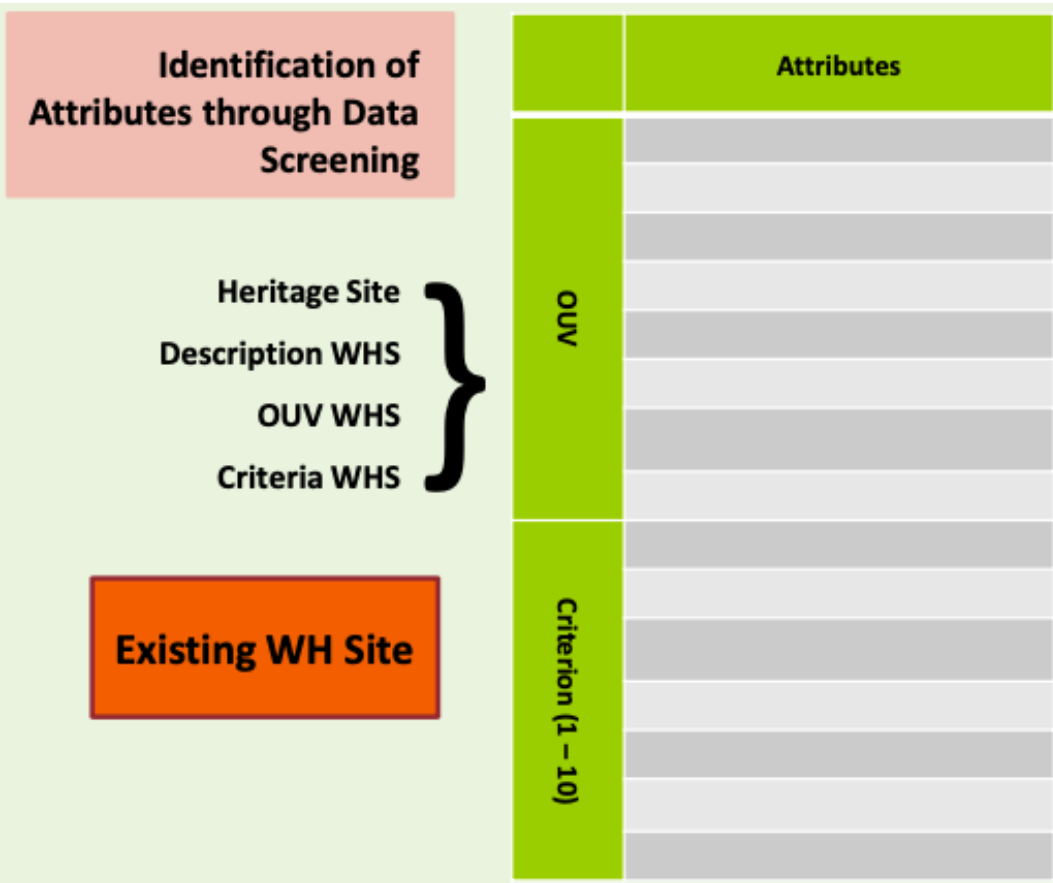
- Books
- Articles
- Research reports
- Inventories

- Non-Scientific Sources

- Travel journals
- Historic maps
- Poetry
- Paintings
- Postcards
- Oral histories

3- Methodology of Attribute Listing and Mapping

General Methodological Framework



- Additional Sources for Attribute Identification

People-Centered Approach

Attribute Mapping Should Include:

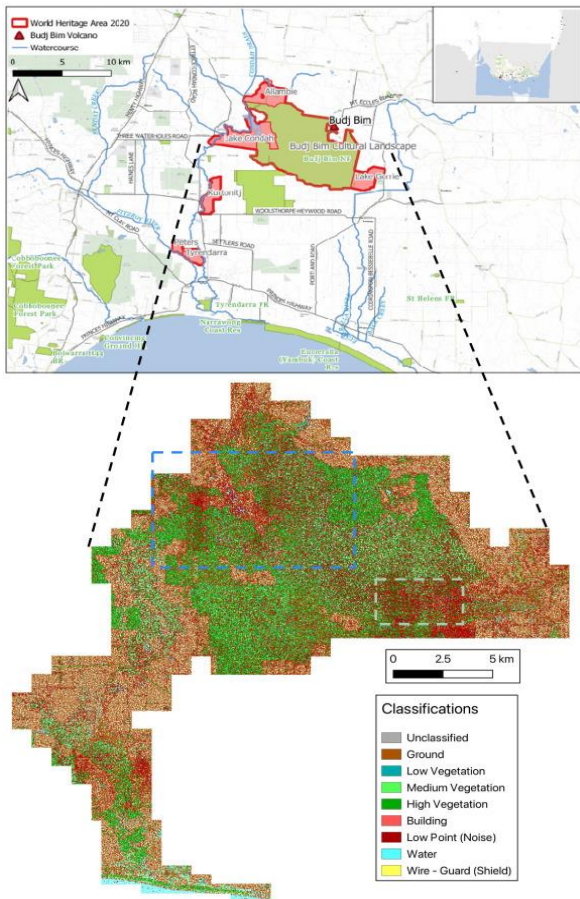
- Local communities
- Site users
- Stakeholders

- Communities help identify:

- Living heritage
- Associative values
- Intangible meanings

3- Methodology of Attribute Listing and Mapping

General Methodological Framework



- Site-Based Attribute Identification

- After Literature Review:

Conduct fieldwork on-site.

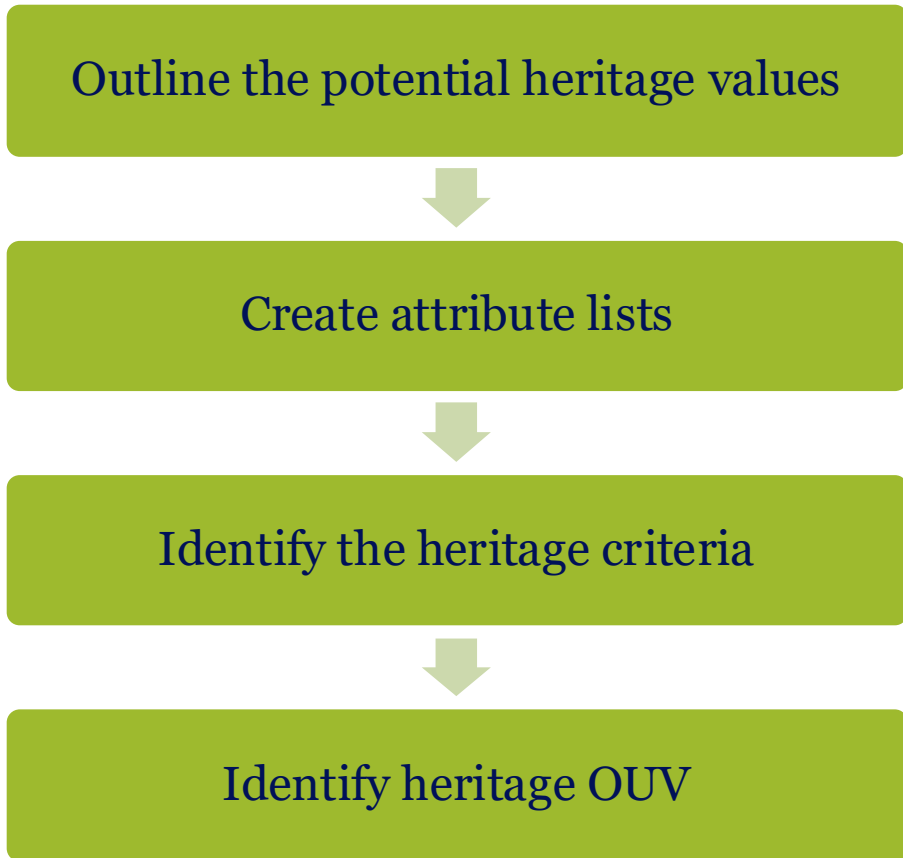
- Photography
- Mapping
- Note-taking
- Observation
- Interviews

- Goal

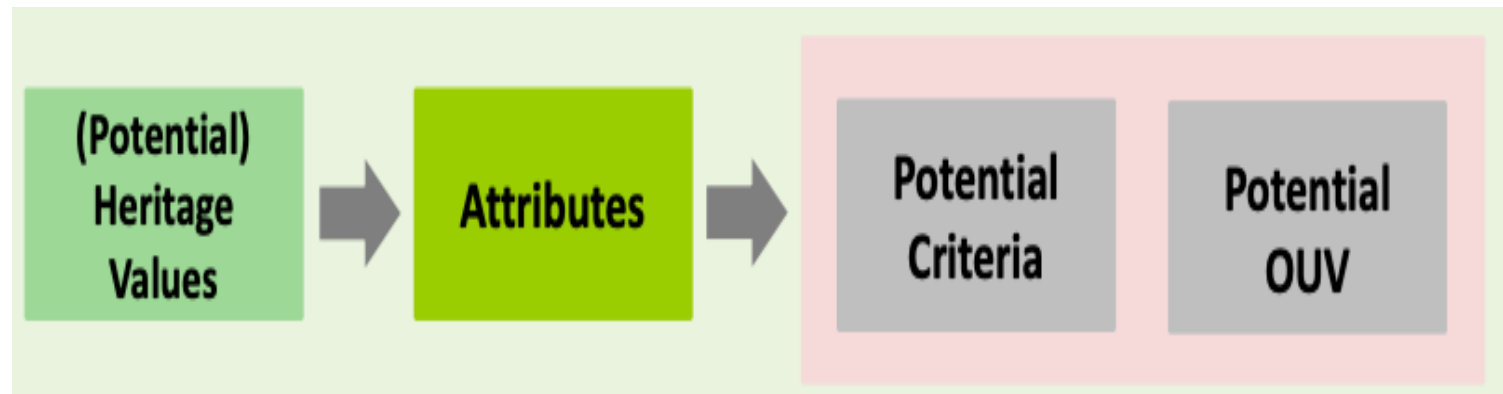
- Verify and expand the attribute list.

3- Methodology of Attribute Listing and Mapping

General Methodological Framework



- Another way of listing the attribute methodology is start a nomination process of heritage site



3- Methodology of Attribute Listing and Mapping

State of Conservation:

	Attributes	Description	State of Conservation
OUV			
Criterion (1 – 10)			

- Conservation Status of Attributes

- Each attribute may have:

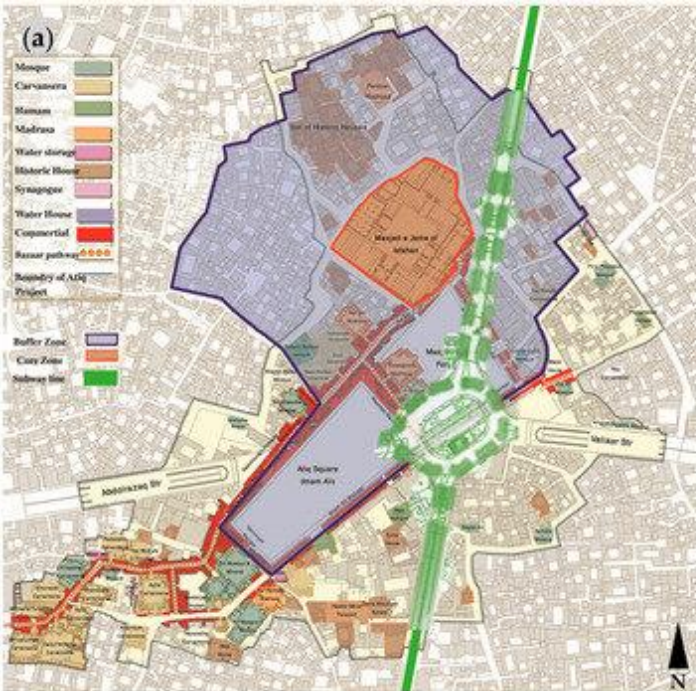
- Different condition
- Different vulnerability
- Different level of risk

- Helps To:

- Prioritize mitigation measures
- Assess development impacts

3- Methodology of Attribute Listing and Mapping

From Attribute List to Attribute Map:



- Spatial Mapping of Attributes

- Mapping Can Be Done Using:

- GIS systems
- Spatial databases
- Digital maps
- Open-source maps

- Purpose

- Visualize location and distribution of attributes.

4- Case Study: Attributing List and Attributing Mapping of Zee Ain Heritage Village



4- Case Study: Attributing List and Attributing Mapping of Zee Ain Heritage Village

Description

It is among the most important **traditional villages in Al-Baha** region, and it was built on a **mountain top** featuring a unique **urban heritage organization** and **environmental configuration** and its picturesque view towards the **surrounding farms** that includes **312 houses**, and one **mosque**. The **houses** were built from polished stones, with multiple floors from two to four floors that are similar in terms of planning, dating back to the end of the 10th century AH/(1) 8th century CE. The village is further characterized by the presence of a permanent **water source** and **defensive fortification** surrounded by **mountains** on three sides.

4- Case Study: Attributing List and Attributing Mapping of Zee Ain Heritage Village

Criterion (v): The Traditional Village of Zee Ain in Al-Baha is an outstanding example of a deliberately preserved **traditional settlement**, representative of a culture that has become vulnerable under the impact of irreversible change. This village, which developed mainly during the 10th century AH/8th century CE, not only represents the **architectural subgroup** within the Assir Region but also bears witness, for the Kingdom as a whole, to the traditional forms of **rural life** which were generally abolished by the agricultural revolution in the 20th century.

Criterion (iv): The Traditional Village of Zee Ain in Al-Baha is an outstanding example of **traditional human settlements** that are perfectly adapted to their environment and their social and economic raison d'être

4- Case Study: Attributing List and Attributing Mapping of Zee Ain Heritage Village

A. Natural Setting and Landscape Attributes



	No.	Attributes
OUV Description / Values expression	1	Multi-Storey Stone Houses
	2	Mosque
	3	Fortifications
	4	Watch Towers
	5	Springs (Zee Ains)
	6	Water Distribution Channels
	7	Water Reservoirs and Ponds
	8	Traditional Irrigation System
	9	Fruit Orchards
	10	Agricultural Terraces

4- Case Study: Attributing List and Attributing Mapping of Zee Ain Heritage Village



	No.	Attributes
UNO	1	Multi-Storey Stone Houses



4- Case Study: Attributing List and Attributing Mapping of Zee Ain Heritage Village



	No.	Attributes
UNO	2	Mosque

4- Case Study: Attributing List and Attributing Mapping of Zee Ain Heritage Village



	No.	Attributes
UNO	3	Fortifications

4- Case Study: Attributing List and Attributing Mapping of Zee Ain Heritage Village



	No.	Attributes
OUV	5	Springs (Zee Ains)

4- Case Study: Attributing List and Attributing Mapping of Zee Ain Heritage Village



	No.	Attributes
QUN	9	Fruit Orchards



4- Case Study: Attributing List and Attributing Mapping of Zee Ain Heritage Village

B- Settlement Pattern and Urban Form



- Compact clustered settlement pattern
- Terraced village layout adapted to steep topography
- Traditional urban organization
- Homogeneous village structure

4- Case Study: Attributing List and Attributing Mapping of Zee Ain Heritage Village

C- Architectural Attributes



- Stone-built houses constructed from polished local stone
- Multi-storey tower houses
- Load-bearing wall system
- Thick stone walls
- Traditional roofing system
- Traditional door and window openings
- Vernacular building forms adapted to climate

4- Case Study: Attributing List and Attributing Mapping of Zee Ain Heritage Village

D- Religious Attributes



- Religious Attributes

- Historic village mosque

- Defensive Attributes

- Historic forts and watchtowers
- Defensive fortifications

4- Case Study: Attributing List and Attributing Mapping of Zee Ain Heritage Village

E- Water Management Attributes



- Permanent spring
- Traditional water distribution system
- Water reservoirs
- Irrigation network for agricultural terraces
- Historic water-use practices

4- Case Study: Attributing List and Attributing Mapping of Zee Ain Heritage Village

F- Intangible and Cultural Attributes



- Traditional agricultural practices
- Cultivation of banana, lemon, basil, pepper, and local crops
- Traditional handicrafts
- Oral traditions and legends associated with the spring

Thank you



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