

Shouf-Jezzine Geopark, Lebanon



This project is funded by the European Union



Implemented by

Association for Community & Environment - ACE

A non-political, not-for-profit association that was **established in 2014**.



ACE

Association for
Community & Environment
جمعية المجتمع والبيئة
Reg #2109

ACE aims:

- at strengthening **community resilience** and identity through projects related to **natural** and **cultural heritage**
- to **mainstream science and the environment in decision-making**

ACE focuses on the **valorization of geodiversity** and the **conservation of Geo heritage**.

ACE's main pillar in **cultural heritage** embodies **artisanal work** and **ancestral vocations**, specifically in Mediterranean coastal communities.

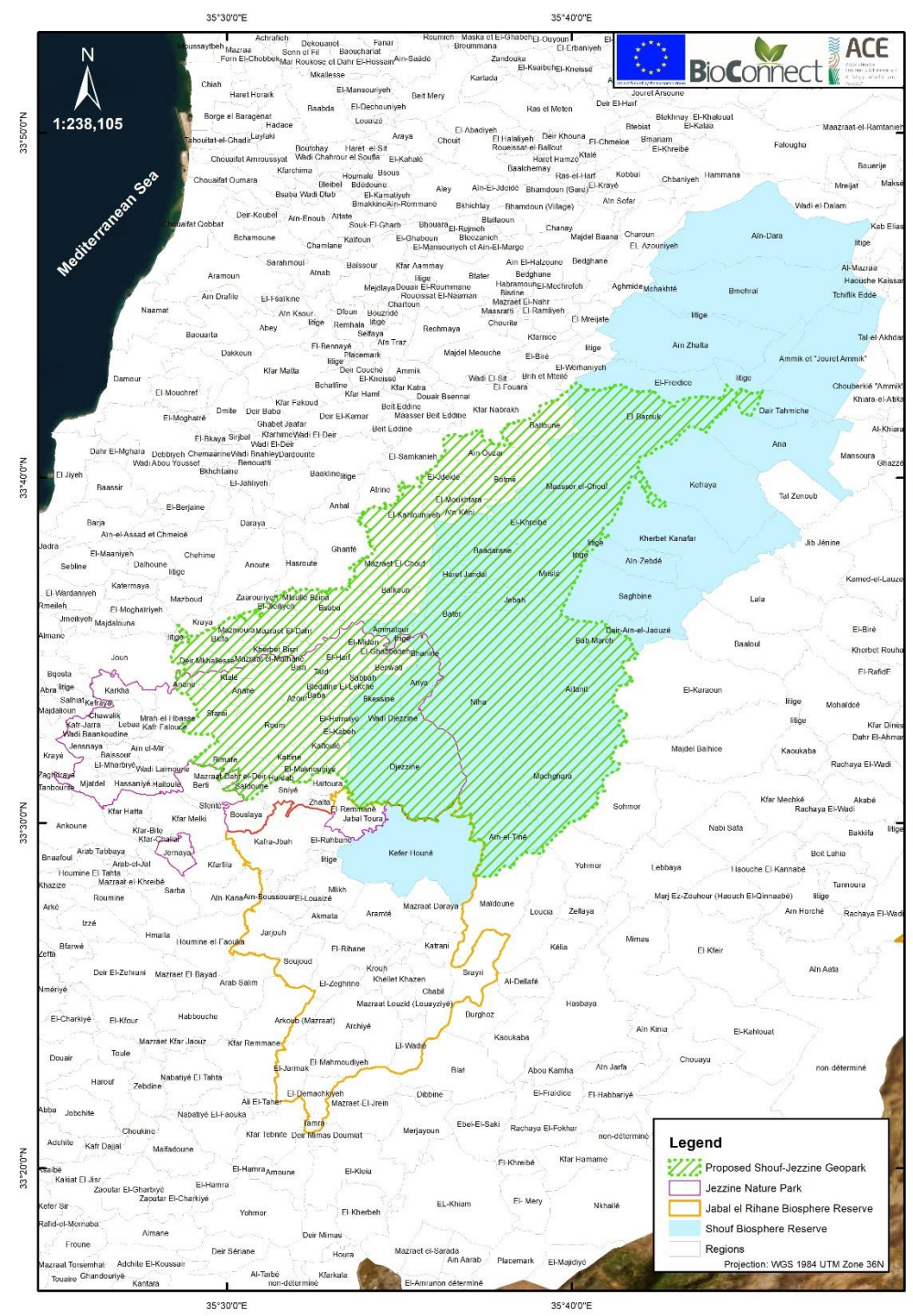
ACE's programs cover **awareness raising**, **capacity building**, **institutional strengthening**, **pollution impacts & remediation**, **governance in waste sectors**, and protection of the environment, public welfare & human health..

ACE:

- Hosts the national chapter of the **International Association for Promoting Geoethics (IAPG)**
- Represents the **African Geopark Network**
- Is an **IUCN** member
- Is a member of **GOGEO PARKS**



Area Proposed Shouf-Jezzine Geopark = 319.00738 km²



Study of Key Biodiversity

Flora assessment and its linkages to geology

Cousinia hermonis



Tulipa lownei



Puschkinia scilloides libanotica



Iris westii



Silene reuteriana



Rhododendron ponticum brachycarpum



Rosularia libanotica



Allium libani



Study of Key Biodiversity

Non-volant terrestrial mammals assessment



Study of Key Biodiversity

Avifauna assessment

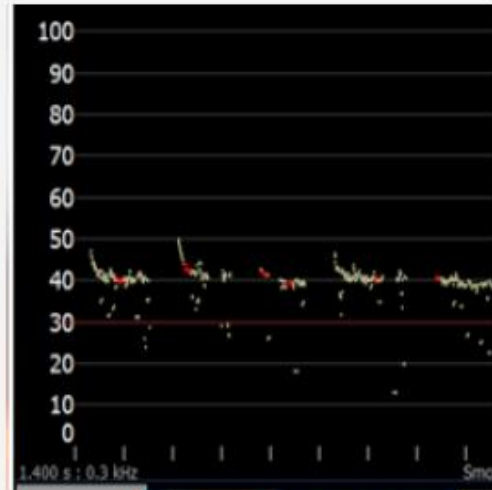


Study of Archeological and Cultural Assets

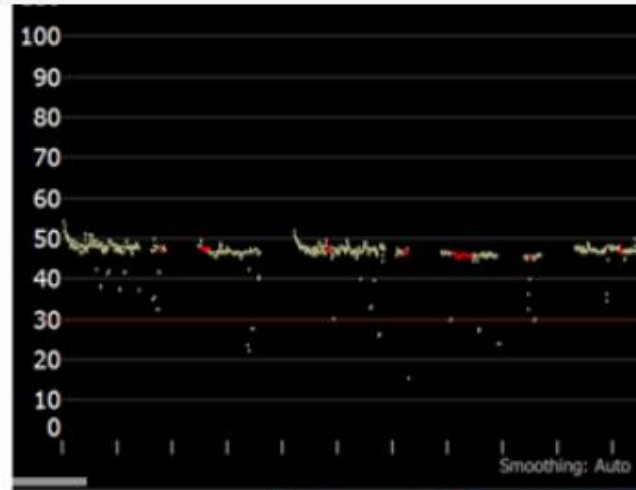


Study of Bat Species

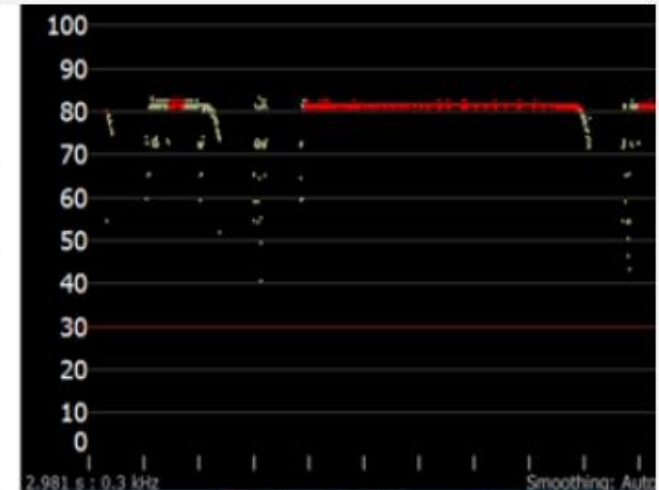
Bat assessment and monitoring



Kuhl pipistrelle



Common pipistrelle



Greater horseshoe bat



Study of Geology

Geology and Geohazard



Study of Geology

Hydrology



Study of Geology

Pedology

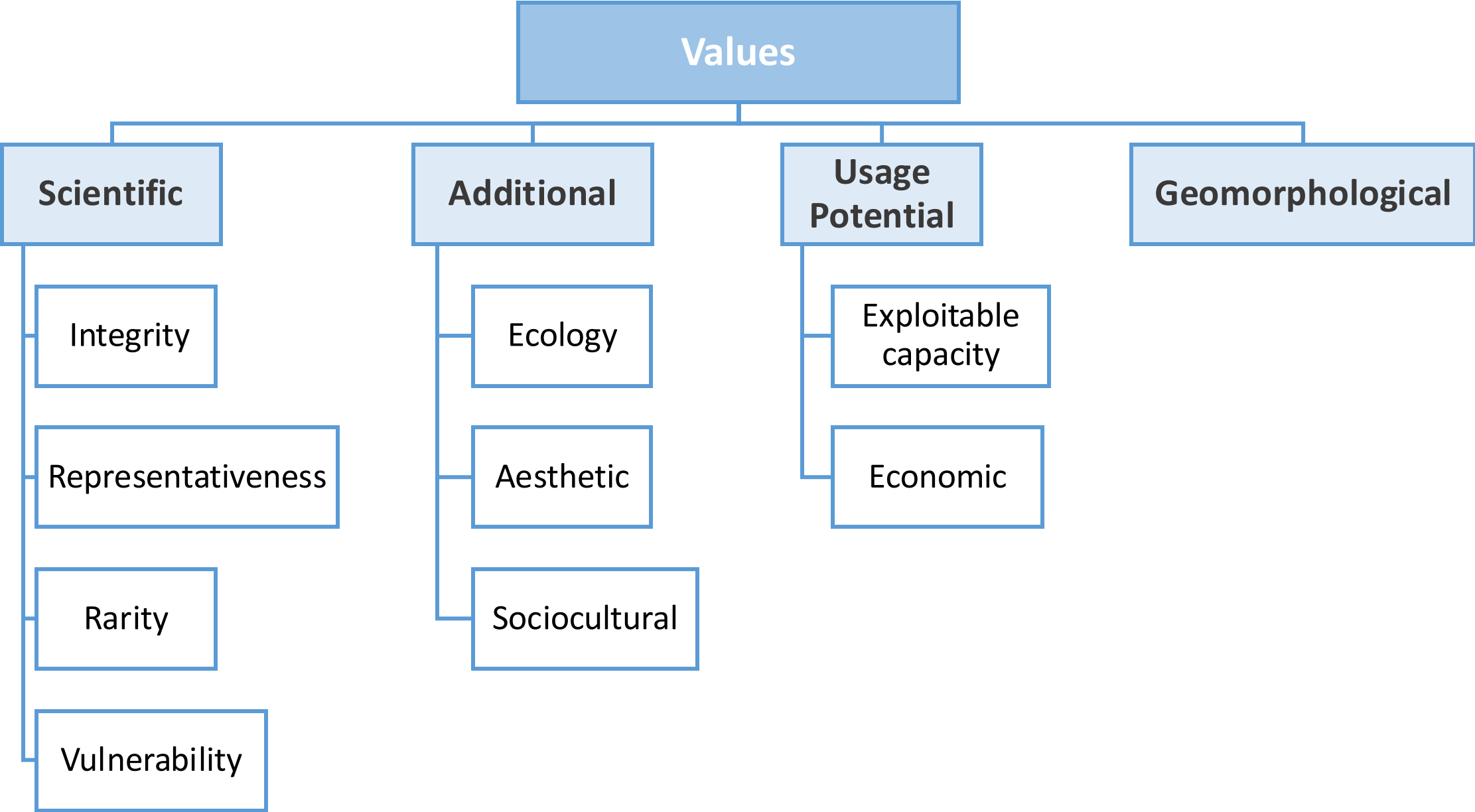


Awareness Campaign

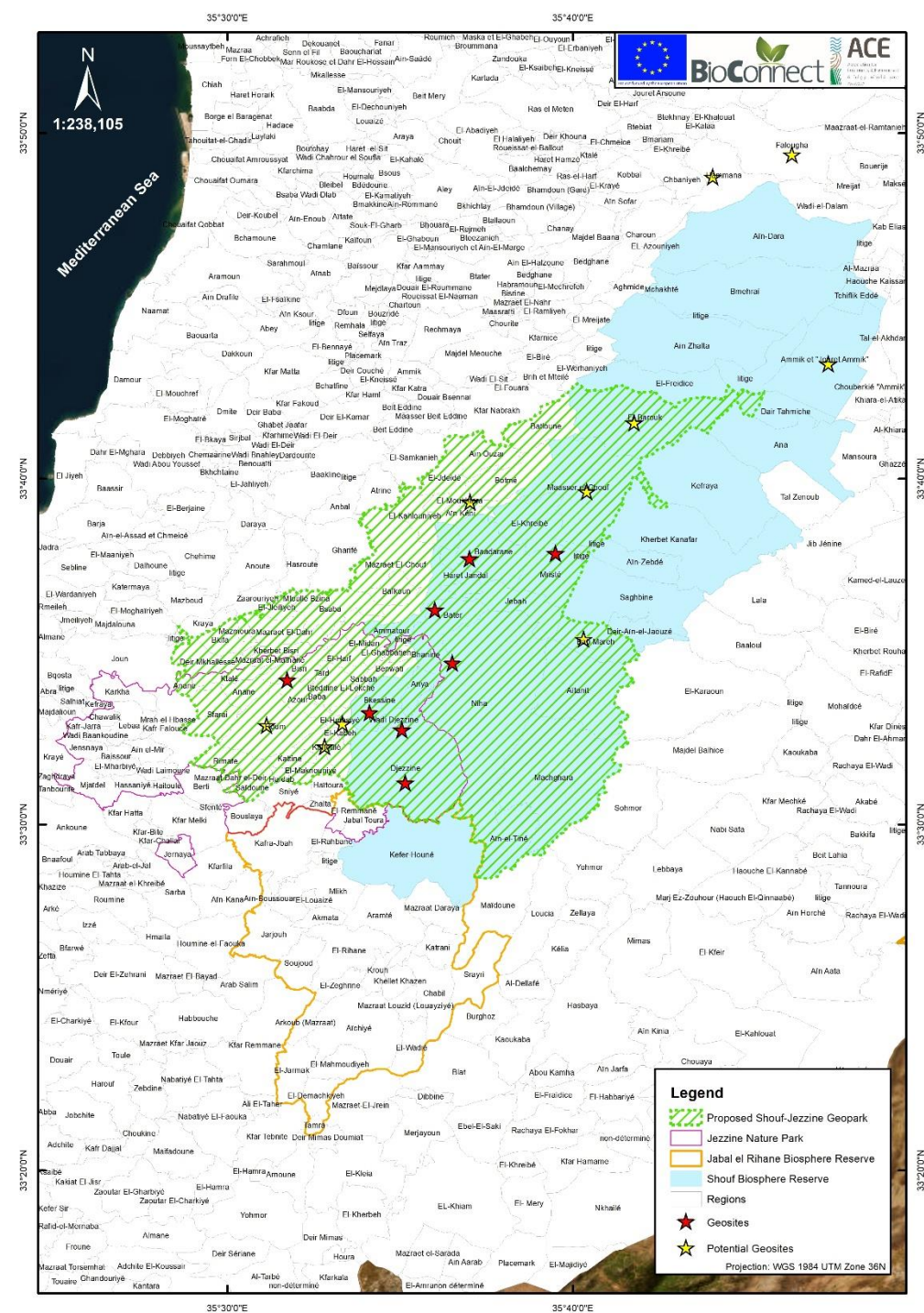
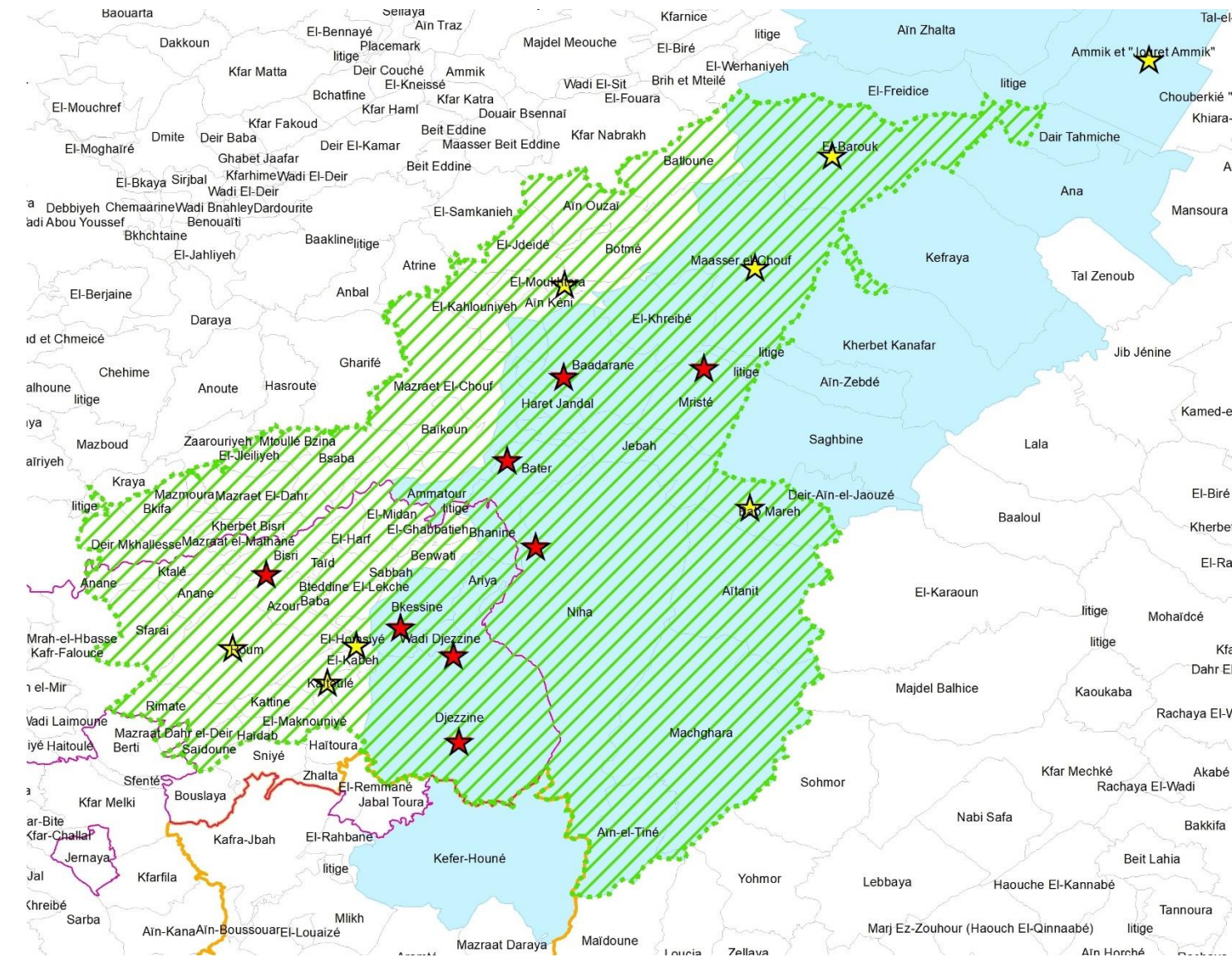


Awareness
on bats for
schools





Mapping of Geosites



Identified Geosites



Niha



Bkassine



Jezzine



Baadaran



El Qaleh

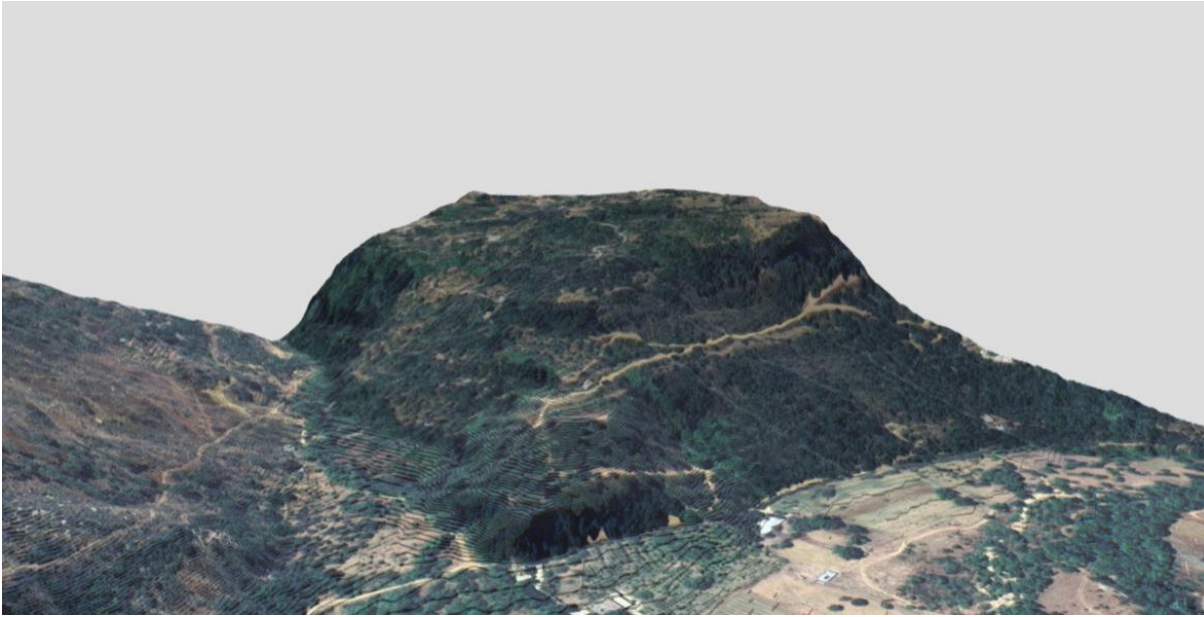


Aazour



Bater

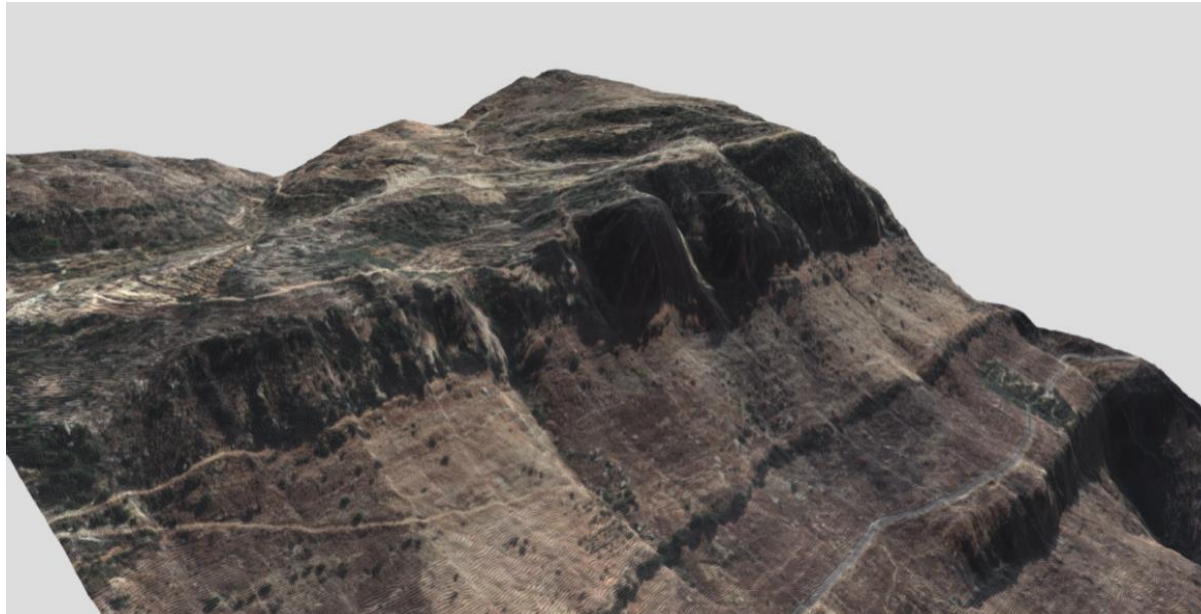
3D mapping of Geosites



Aamatour - Bater



Baadaran



Niha Fortress

مرسوم رقم

استحداث فئة المواقع الطبيعية الجيولوجية
وتحديد أهداف ومعايير تصنيفها ومناهج إدارتها

Delineation and Valorization of Hiking Trails for use as Ecological Corridors

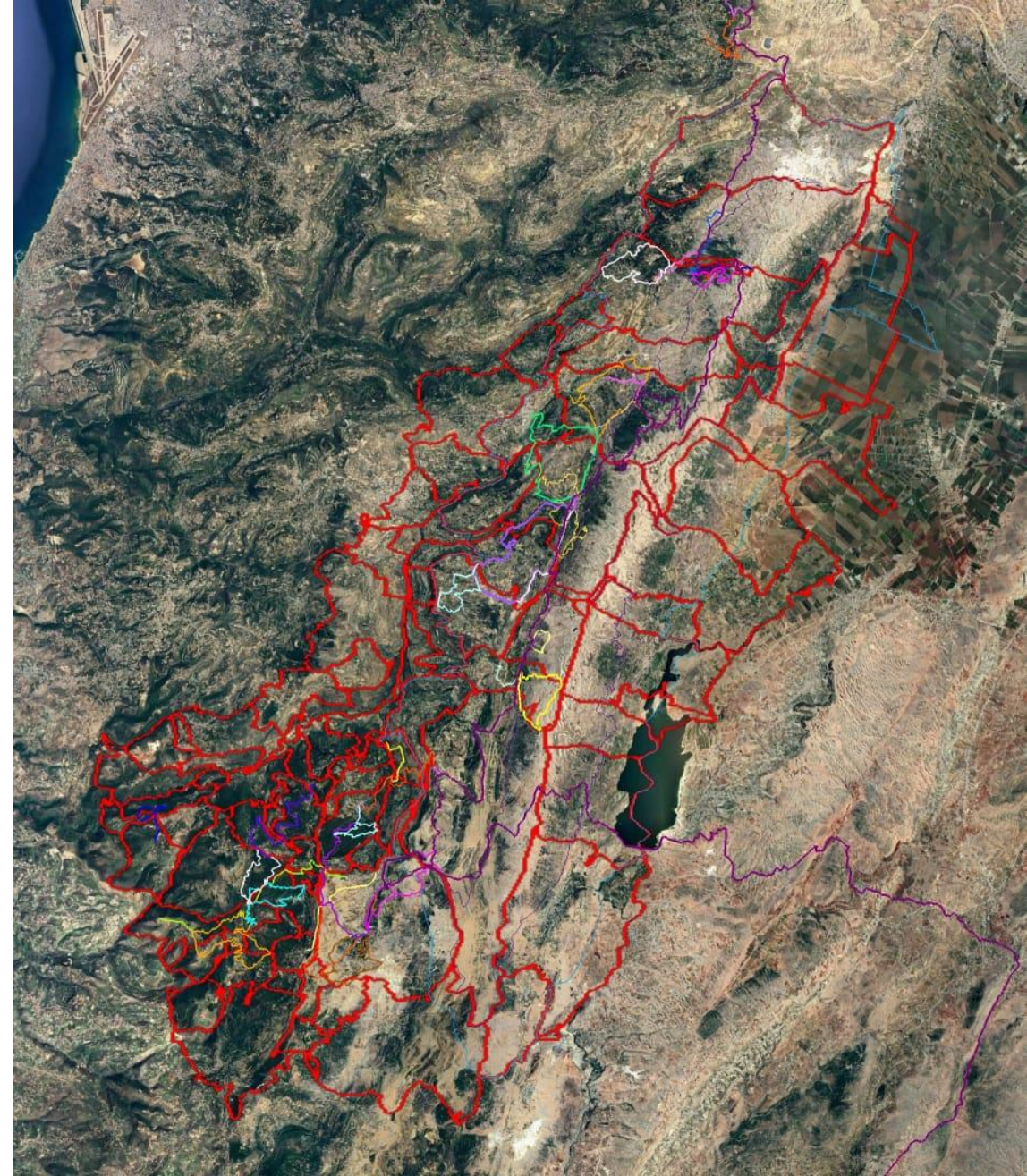
Data
collection

Existing trails – Protected areas –
Geological sites – Key biodiversity areas –
Biodiversity protection corridors – Hima –
Archeological sites – Cultural heritage –
Traditional buildings...

Selection
process

Protection
Guideline
draft

Validation &
appropriation



Delineation and Valorization of Hiking Trails for use as Ecological Corridors

Organization name	Trail	Description	Important sites, landmarks and small businesses along the trail	Selection criteria															Exclusion Criteria			
				Linkage		Result	The value of the trail				Result 1	Synergy with LMT	Result 2	Ownership			Economic return	Result 3	Result	Exposure to landslides	Exposure to fire risks	Exposure to River flood
				Natural areas	Built areas		Natural areas	Built areas	Intangible heritage	Panoramic views				Public property	Private property	Religious property						
Lebanon Mountain Trail LMT	LMT trail - Section 17 - Falougha - Ain Zhalta	Level: Challenging Length: 15 Km Total ascent: 414 m Total descent: 542 m	Sohs Village report - First Lebanese flag raised (Cedar mountain) - Scenic view to Hsmana 1452m (Ain en Nsour) - Camping spot (Falougha) - French World War II Trenches (Dahr el Baydar) - Nabaa el Kharze - Chateau trois Collines Winery - Ain el Houe - Ain el Saoude - Old bridge (Ain Dara) - Cedar ground Camp (Bmoahray) - Ain Zhalta Nature reserve entrance Hima Hammana World music day (Ain Zhalta) - Hannibal Race- Adventure Race - Moonlight Walk - Horseback Riding	<input checked="" type="checkbox"/> Nature Reserve <input checked="" type="checkbox"/> Biosphere Reserve <input type="checkbox"/> Protected areas <input type="checkbox"/> Forests <input type="checkbox"/> Geological sites <input type="checkbox"/> Biodiversity protection corridors <input type="checkbox"/> Key Biodiversity areas <input type="checkbox"/> Protected rivers <input type="checkbox"/> Wetlands <input checked="" type="checkbox"/> Hima	<input type="checkbox"/> Old village <input type="checkbox"/> Archeological sites <input type="checkbox"/> Historical sites	5	<input type="checkbox"/> Agricultural lands <input type="checkbox"/> Water Bodies <input checked="" type="checkbox"/> Forests <input checked="" type="checkbox"/> Water springs	<input type="checkbox"/> Village squares <input type="checkbox"/> Archeological sites <input type="checkbox"/> Traditional houses <input type="checkbox"/> Historical buildings <input checked="" type="checkbox"/> Bridges <input type="checkbox"/> Mills and Pannons	<input checked="" type="checkbox"/> Social interactions <input type="checkbox"/> Culinary arts <input type="checkbox"/> Folklore <input type="checkbox"/> Local traditions and lifestyle	X	5	LMT	1				—	0	11			
Lebanon Mountain Trail LMT	LMT trail - Section 18 - Ain Zhalta - El Barouk	Level: Challenging Length: 15.5 Km Total ascent: 544 m Total descent: 681 m	The Trail of Cultural Heritage and Traditions of Maaser ech-Shouf El Shouf ترب التراث والثقافة في ماسر الشوف Farm/Ville, Barouk - Nature whisper (exhibition) - World music day (Ain Zhalta) - Hannibal Race- Adventure Race - Moonlight Walk - Sunset Mood W/alk - Horseback Riding	<input checked="" type="checkbox"/> Nature Reserve <input checked="" type="checkbox"/> Biosphere Reserve <input type="checkbox"/> Protected areas <input type="checkbox"/> Forests <input type="checkbox"/> Geological sites <input type="checkbox"/> Biodiversity protection corridors <input type="checkbox"/> Key Biodiversity areas <input type="checkbox"/> Protected rivers <input type="checkbox"/> Wetlands <input type="checkbox"/> Hima	<input type="checkbox"/> Old village <input type="checkbox"/> Archeological sites <input type="checkbox"/> Historical sites	3	<input type="checkbox"/> Agricultural lands <input type="checkbox"/> Water Bodies <input checked="" type="checkbox"/> Forests <input type="checkbox"/> Water springs	<input type="checkbox"/> Village squares <input type="checkbox"/> Archeological sites <input type="checkbox"/> Traditional houses <input type="checkbox"/> Historical buildings <input checked="" type="checkbox"/> Bridges <input type="checkbox"/> Mills and Pannons	<input checked="" type="checkbox"/> Social interactions <input type="checkbox"/> Culinary arts <input type="checkbox"/> Folklore <input checked="" type="checkbox"/> Local traditions and lifestyle	X	4	LMT	1				—	0	8			
Lebanon Mountain Trail LMT	LMT - Connection to Ain Zhalta		Shouf Highland (Bar) - Pastry (Patisstry shop) - Pine Woods - Masmodani swimming pool - La maison des sources (guest house) - El Eid guest house Castle guest house - Restful guest house The Farm of Abou Saab Brothers - World music day (Ain Zhalta) - McdSNAIL (local market) - Hannibal Race- Adventure Race - Moonlight Walk - Horseback Riding	<input checked="" type="checkbox"/> Nature Reserve <input checked="" type="checkbox"/> Biosphere Reserve <input type="checkbox"/> Protected areas <input type="checkbox"/> Forests <input type="checkbox"/> Geological sites <input type="checkbox"/> Biodiversity protection corridors <input type="checkbox"/> Key Biodiversity areas <input type="checkbox"/> Protected rivers <input type="checkbox"/> Wetlands <input type="checkbox"/> Hima	<input type="checkbox"/> Old village <input type="checkbox"/> Archeological sites <input type="checkbox"/> Historical sites	3	<input type="checkbox"/> Agricultural lands <input type="checkbox"/> Water Bodies <input checked="" type="checkbox"/> Forests <input type="checkbox"/> Water springs	<input type="checkbox"/> Village squares <input type="checkbox"/> Archeological sites <input type="checkbox"/> Traditional houses <input type="checkbox"/> Historical buildings <input checked="" type="checkbox"/> Bridges <input type="checkbox"/> Mills and Pannons	<input checked="" type="checkbox"/> Social interactions <input type="checkbox"/> Culinary arts <input type="checkbox"/> Folklore <input checked="" type="checkbox"/> Local traditions and lifestyle	X	5	LMT	1				4 guest houses	4	13			
Lebanon Mountain Trail LMT	LMT - Connection to Barouk		Rest Bench Cedar Way (Cafe) - El Barouk Nature Reserve entrance - Al Ghabot Restaurant Boustany Guest House (Barouk) - El Aked Guest house - Cesar guest house - Akram guest house - Astra guest house - Dacha guest house - Jaynet Yazmina guest house Farm/Ville- Barouk - Nature whisper (exhibition) - Farmer Markets - Sunset Mood Walk	<input checked="" type="checkbox"/> Nature Reserve <input checked="" type="checkbox"/> Biosphere Reserve <input type="checkbox"/> Protected areas <input type="checkbox"/> Forests <input type="checkbox"/> Geological sites <input type="checkbox"/> Biodiversity protection corridors <input type="checkbox"/> Key Biodiversity areas <input type="checkbox"/> Protected rivers <input type="checkbox"/> Wetlands <input type="checkbox"/> Hima	<input type="checkbox"/> Old village <input type="checkbox"/> Archeological sites <input type="checkbox"/> Historical sites	2	<input type="checkbox"/> Agricultural lands <input type="checkbox"/> Water Bodies <input type="checkbox"/> Forests <input type="checkbox"/> Water springs	<input type="checkbox"/> Village squares <input type="checkbox"/> Archeological sites <input type="checkbox"/> Traditional houses <input type="checkbox"/> Historical buildings <input checked="" type="checkbox"/> Bridges <input checked="" type="checkbox"/> Mills and Pannons	<input checked="" type="checkbox"/> Social interactions <input type="checkbox"/> Culinary arts <input type="checkbox"/> Folklore <input checked="" type="checkbox"/> Local traditions and lifestyle	X	5	LMT	1				7 guest houses	7	15			
			El Barouk Nature Reserve entrance - Marj el Qsaq - El Shouf Cedar Nature Reserve Barouk Forest highest point 1818m -	<input checked="" type="checkbox"/> Nature Reserve <input checked="" type="checkbox"/> Biosphere Reserve	<input checked="" type="checkbox"/> Old village <input type="checkbox"/> Archeological sites		<input type="checkbox"/> Agricultural lands <input type="checkbox"/> Water Bodies	<input checked="" type="checkbox"/> Village squares <input type="checkbox"/> Archeological sites	<input checked="" type="checkbox"/> Social interactions <input type="checkbox"/> Culinary arts													

Selection criteria

Awareness sessions conducted by experts



Dr. Awatef Abiadh, bats expert

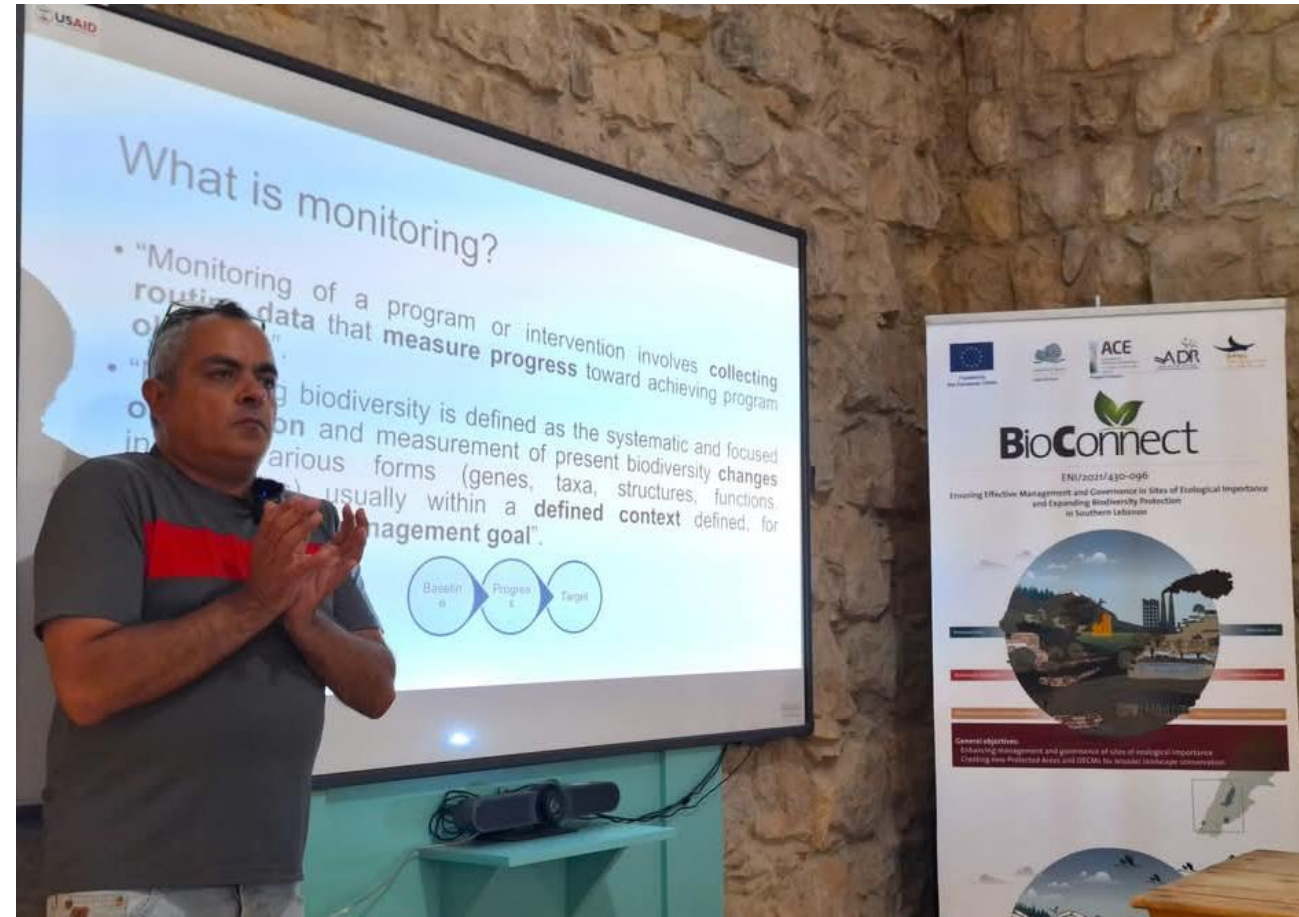


Shady Indary, mammals expert

Awareness sessions conducted by experts

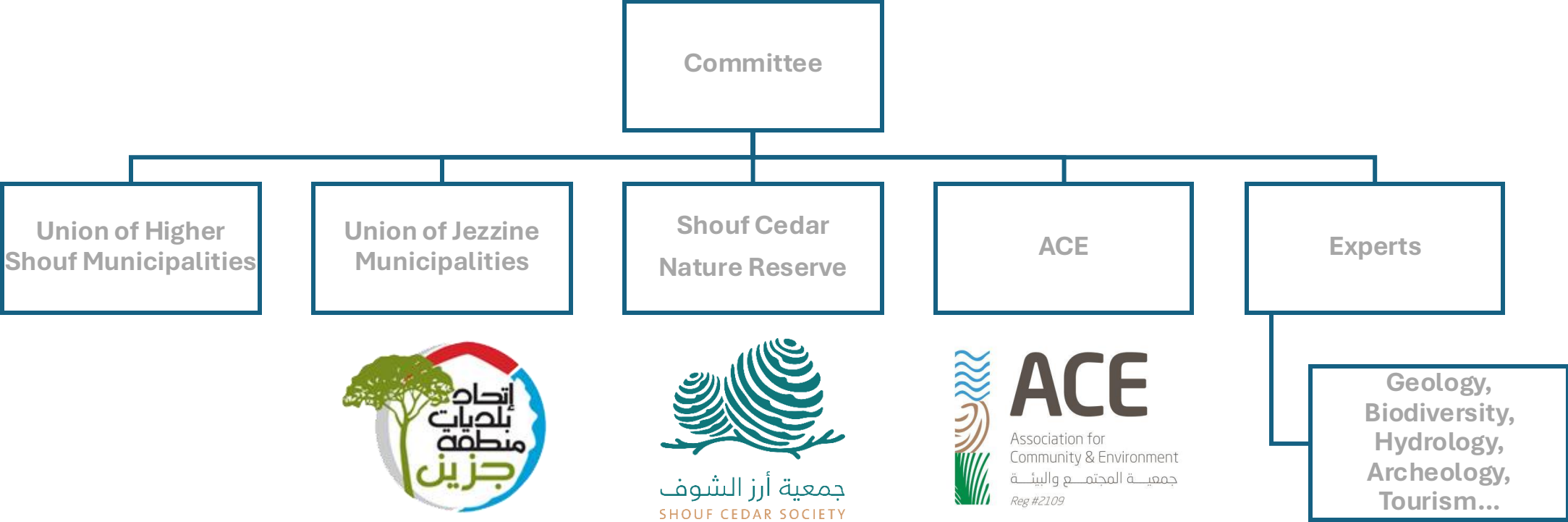


Dr. Soumaya Ayadi, geology expert

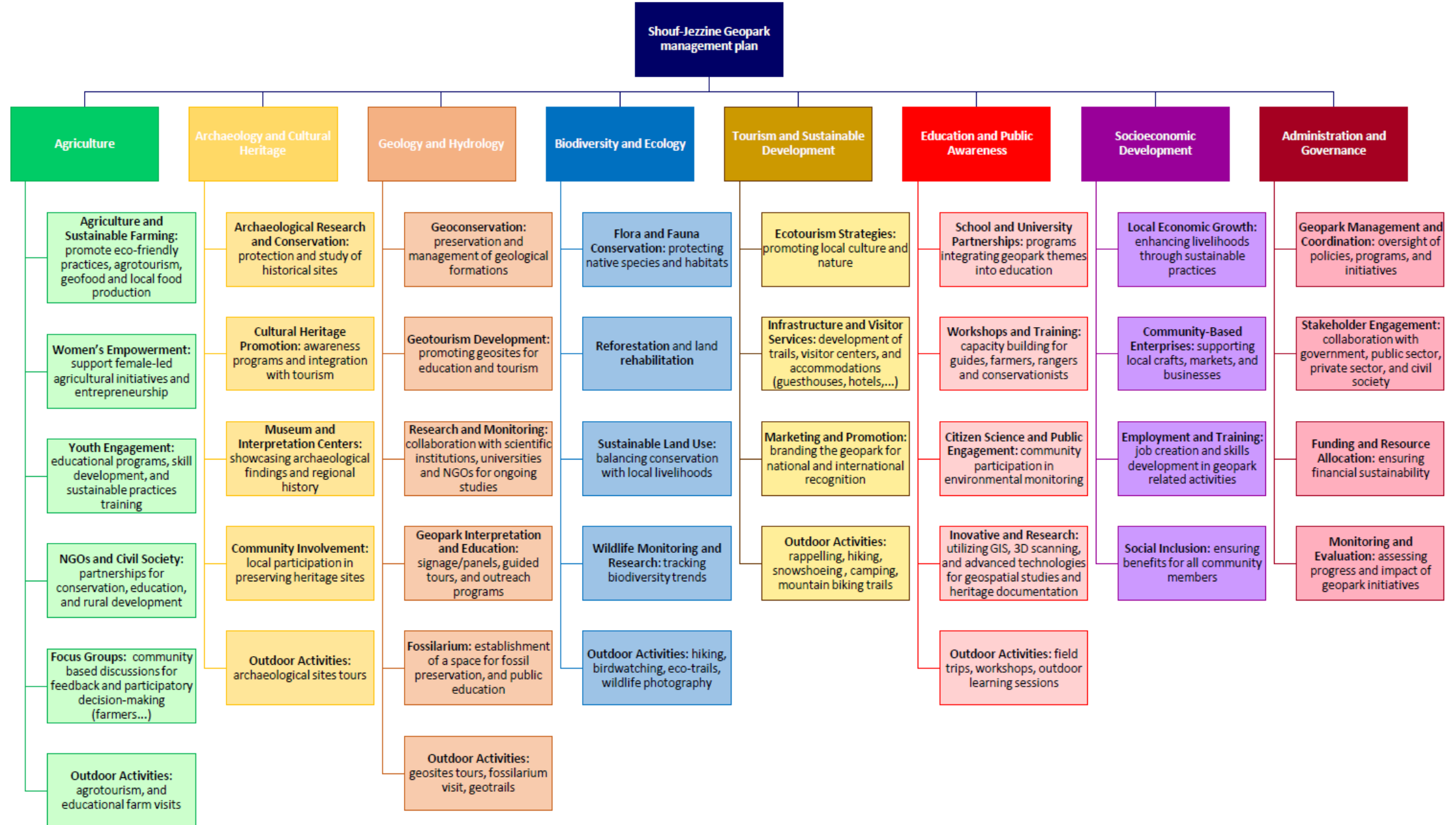


Dr. Jean Stephan, biodiversity expert

Management plan for the aspiring Geopark



Management plan for the aspiring Geopark



Management plan for the aspiring Geopark

Collaboration with international geoparks, including:

- Vulkaneifel Geopark in Germany
- Oeste Geopark in Portugal
- M'Goun UNESCO Global Geopark in Morocco
- Bauges Geopark in France

