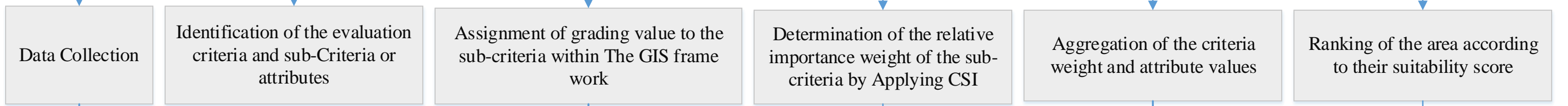


Hierarchical structure of the UMSWI for AKKAR and Noth Lebanon



Slope (Extract from DEM Aster 30m)

Infrastructure (Urban area, roads, POI, Refugee Camps)
Ref: CNRS 2017, OSM2021

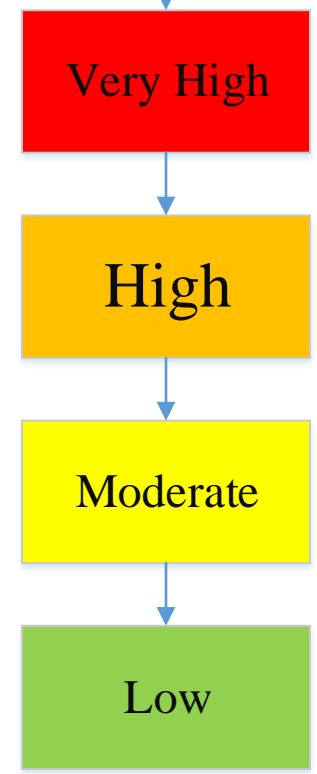
Soil Type (Bernard Geze, soil map of Lebanon 1/200000)

Slope Class	Criteria Rank
0-8.2	Very High
8.2-17.87	High
17.87-29.78	Moderate
29.78-72.33	Low

Infrastructure Class	Criteria Rank
Urban Area +POI	Very High
Roads	Moderate
Refugee Camps	Low

LCLU Class	Criteria Rank
Agriculture	Very High
Natural Reserve	High
Protection Agriculture	Moderate
Grassland	Low

Soil Class	Criteria Rank
Calcaire/Argile	Very High
Alluvions/ Basalt	High



EQUATION

$$\sum_{i=1}^{i=6} rang_i^{Weight}$$

Criteria	Wieght
Slope	0.2
Infrastrcture	0.6
LCLU	0.1
Soil type	0.1