

Hammoud Abou Diab

MOA: Department of Statistics & GIS Unit

Presentation Title:

Map Construction & Photo-interpretation of the Derived Forest Map

Summary:

The development of a forest map constitutes a “*Première*” in Lebanon (the last forest map was produced in the early 60’s) at 1/50.000, the derived forest map is produced at a suitable scale for Lebanon (1/20.000), at this scale; the Lebanese diversity is finely highlighted.

This work was done during the period between 2003- 2004 under the project of “National Forest & Tree Assessment & Inventory Project - TCP/Leb/ 2903 (T)” funded by the FAO.

The main objective of this work is to produce a national derived forest map using:

The Land Cover Land Use spatial database produced in 2002 as a background,

The former forest and vegetation maps,

The available satellite images and the results of the field surveys.

Results shows that the area of forest in Lebanon is around 13 % distributed as follows:

Coniferous (4 %), Broadleaves (6 %), and Mixed forest around (3 %).