

Produce a Touristic Map Using Aster Image Atouristic Map – Halleth meny

Prof. Dr. Safia Eid*

Abstract

The aim of this study is to produce a touristic map using Aster Image .

To produce this type of maps we must first mosaic the study area

Objective of the study is to develop a tourist map using Aster images. For the production of this type of maps must first produce mosaic of the study area.

Then make dereferencing using Geographic systems(Lat/long) After that we develop touristic map through the following phase:

- 1- Image processing, included spectral channels integration and the removal of clouds.
- 2- Image enhancement, including histogram equalize to increase the differences in colors selected to help visual interpretation for the classification of features for later use in a map.
- 3-Interpretation and classification Photo: Features were classified into groups covering a geographic line, features consisting of road links and rail network and drainage. And a set of location features which include all the important archaeological sites and tourist services and area features including forests and water bodies.
- 4- Determine the content of the tourist map
- 5-establishing a attribute database of tourist map
- 6- Mapping and selecting symbols and colors
- 7- Selection of scale touristic map of the study area
- 8- Design and printing of the map in two scales:1: 50000
1:100000 and printing on paper A0

** Department of Geography-Faculty of Letters and Humanities-Damascus University.
For the paper in Arabic see pages(781-822)