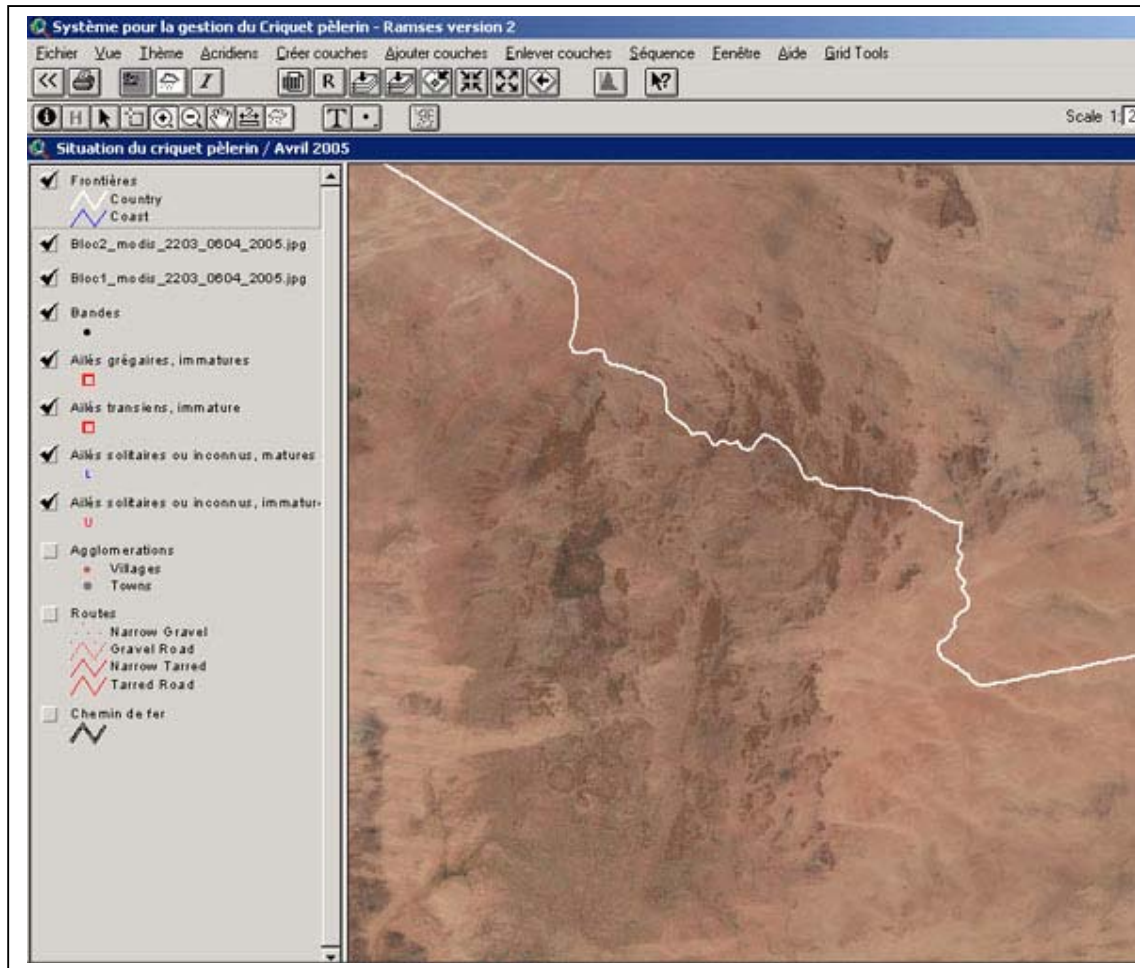


# MODIS satellite images

## 1. Characteristics:

- Time Period: 16 days
- Resolution: 250 m
- Geographic system: Lat/Long WGS84
- Information : Colored composite 3 channels: Medium infrared, near infra red, red



## 2. Use:

Visual interpretation of possible vegetation presence.

### 3. How to get the images

On the FAO FTP site: <ftp://aloha@ext-ftp.fao.org/SD/ARTEMIS/locust>

→ folder MODIS

→ A folder per time period: 1\_2203\_0604 for the period from 22<sup>nd</sup> march to 06<sup>th</sup> April

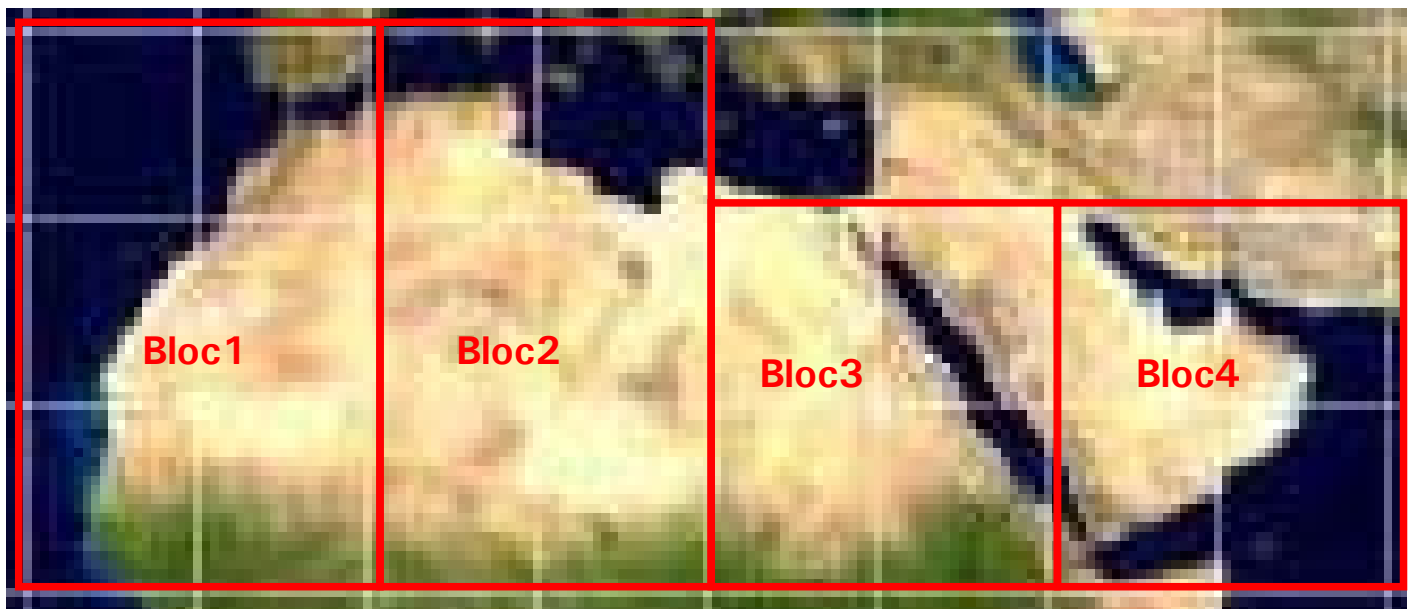
### 4. Images format

4 images (called bloc) allow to cover the whole area. Images are compressed in a zip file. Once the zip files are copied on your computer, uncompressed them to get the original images in jpg format

bloc1\_MODIS\_2203\_0604\_2005.jpg: the file of the image itself

bloc1\_MODIS\_2203\_0604\_2005.jgw : the file with the information about the geographic system.

Both files are needed to be able to display the image and overlay it with other data.



Bloc1: Morocco, Mauritania, Senegal, Mali (West), Algeria (West)

Bloc2: Algeria (East), Mali (East), Tunisia, Niger, Lybia (West), Chad (West)

Bloc 3: Egypt, Sudan, Saudi Arabia (West), Eritrea (North)

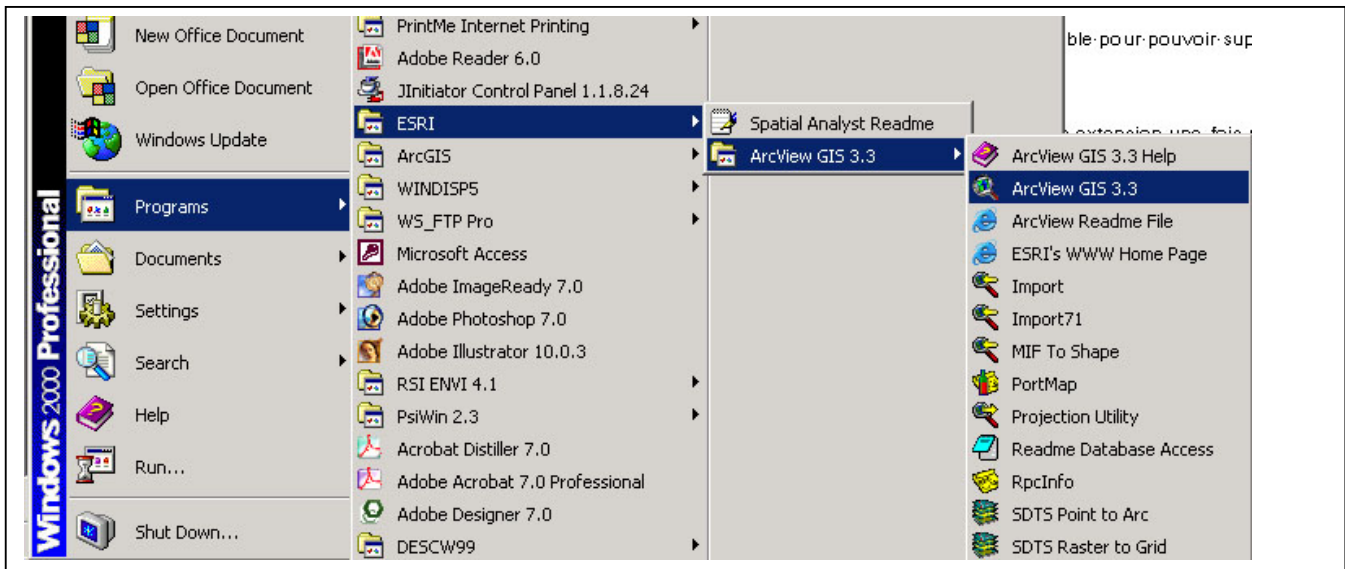
Bloc4: Yemen, Oman, Eritrea (South)

## 5. How to display MODIS images in RAMSES

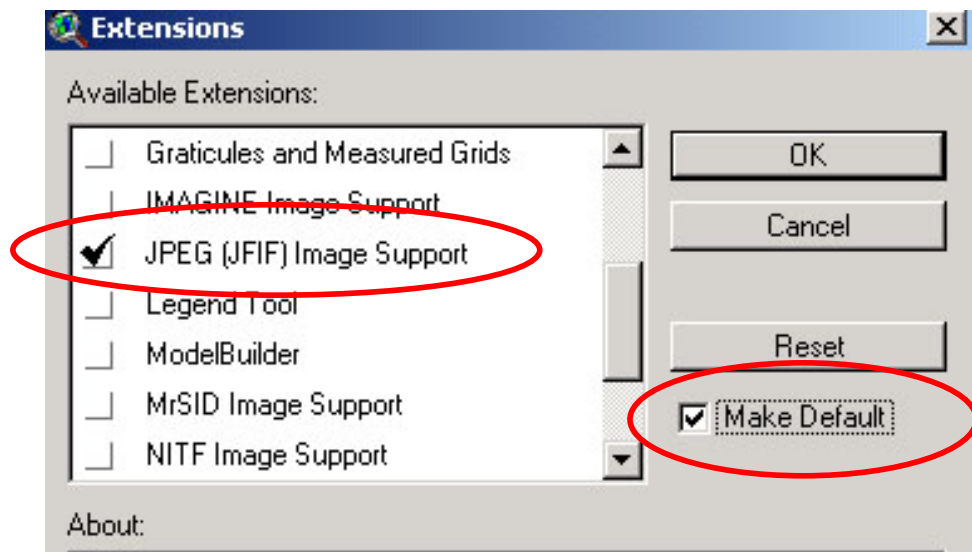
In order to be able to open the jpg images in RAMSES, you need first (once for all) to activate an extension:

→ Open Arcview :

Start/Menu/Programs/Esri/ArcViewGIS3.3/ArcViewGIS3.3



→ Once Arcview is opened, go in the menu File/ Extensions and check JPEG (JFIF) Image support as well as Make Default



→ Close ArcView, now you can open jpeg images in RAMSES

- Open RAMSES and display the current monthly situation
- To display the images go in the menu View/Add Theme and browse to reach the folder where you have stored your images

