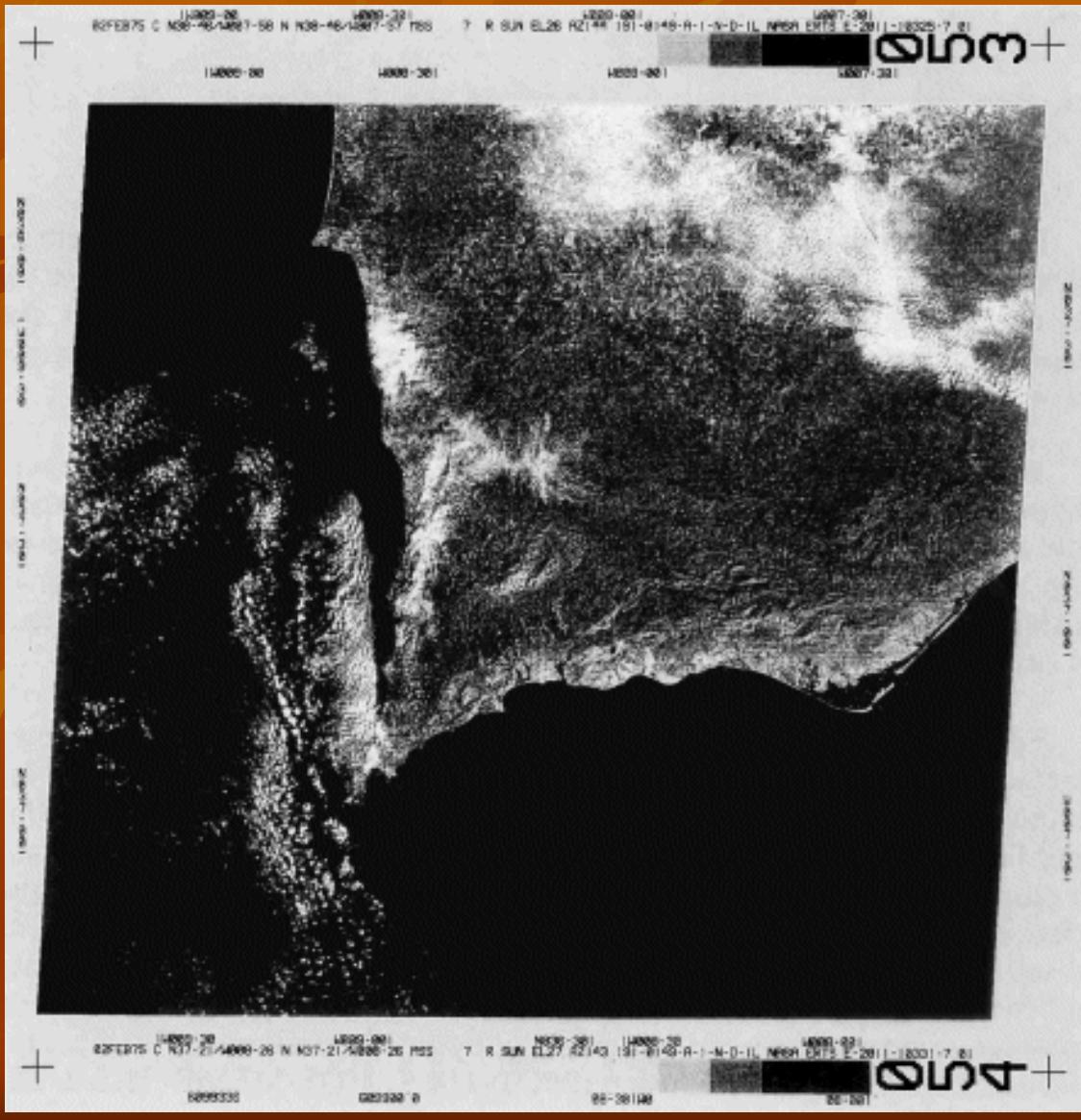


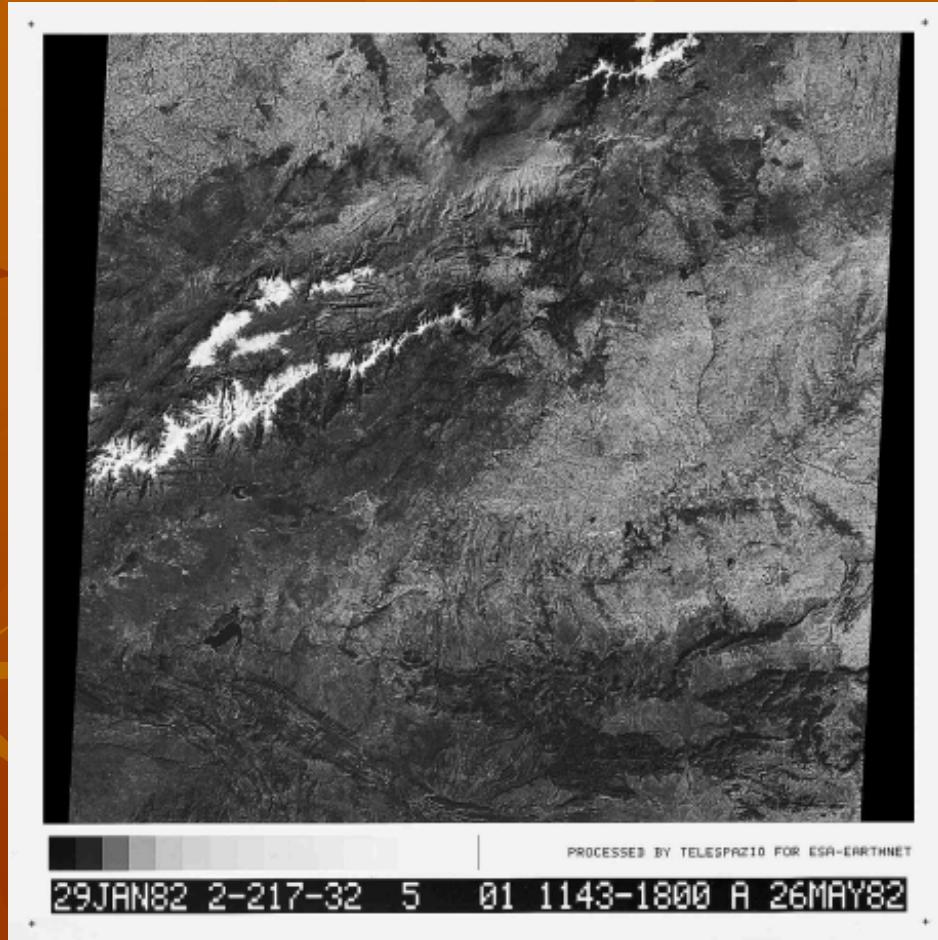
Interpretación visual

- + Baja inversión económica.
- + Aprovecha experiencia previa en foto-interpretación.
- + Permite integrar criterios de análisis bastante amplios.
- Precisa posterior digitización.
- Incorpora alto nivel de subjetividad.

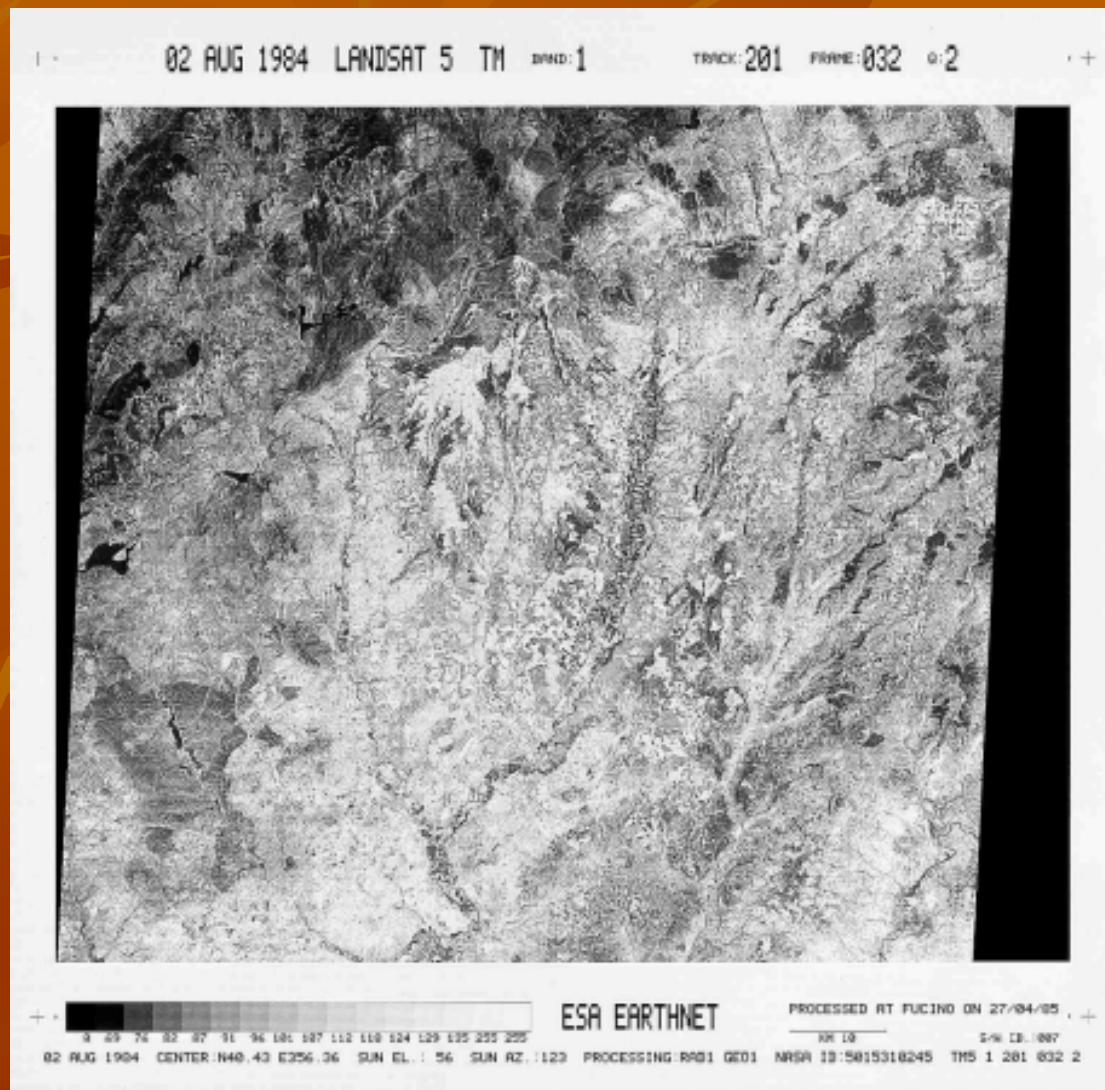
Tipo de productos (1/3)



Tipo de productos (2/3)



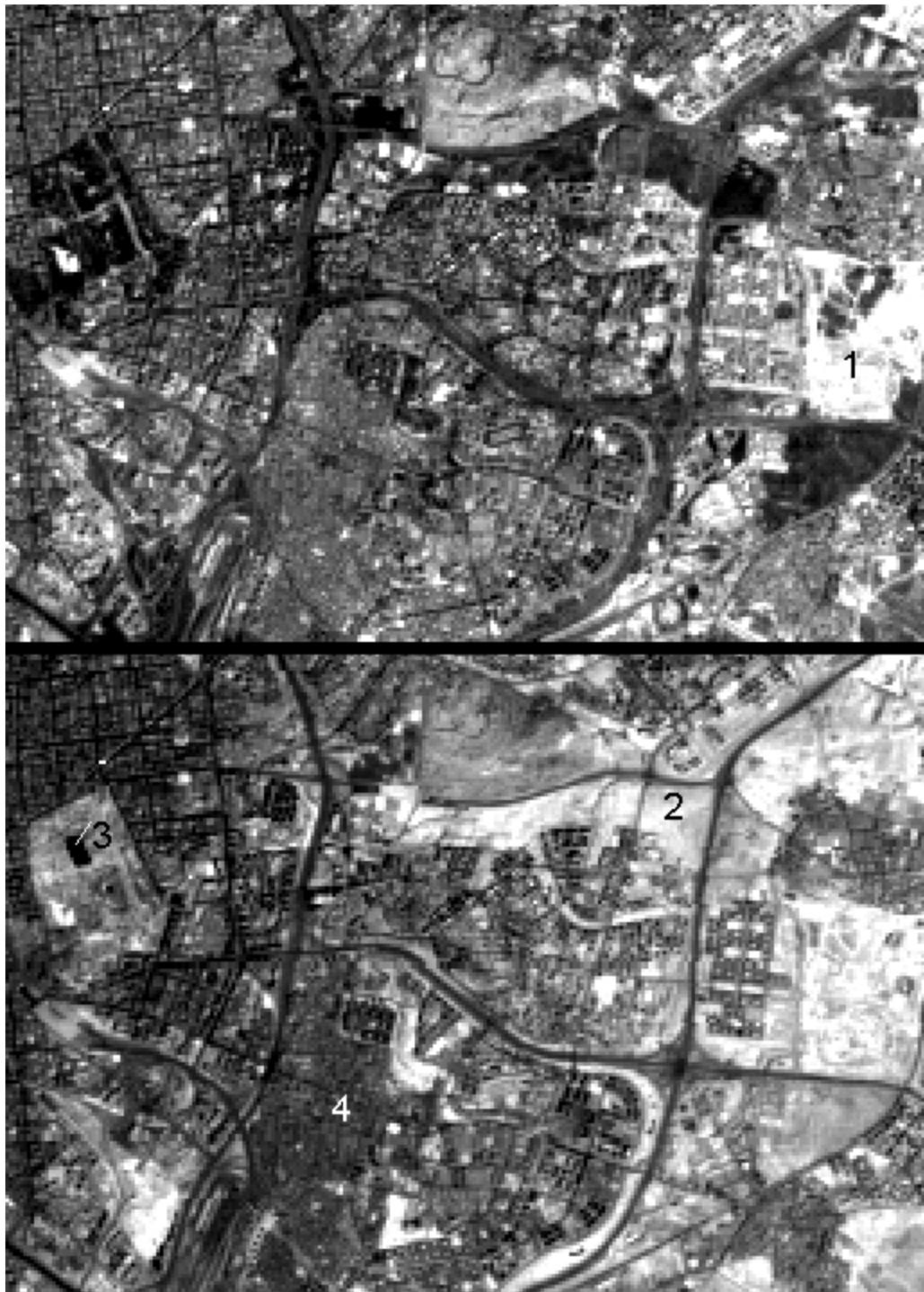
Tipo de productos (3/3)



Criterios de interpretación visual



(adaptado de Corine, 1998)



Interpretación visual: brillo

TM3: Rojo

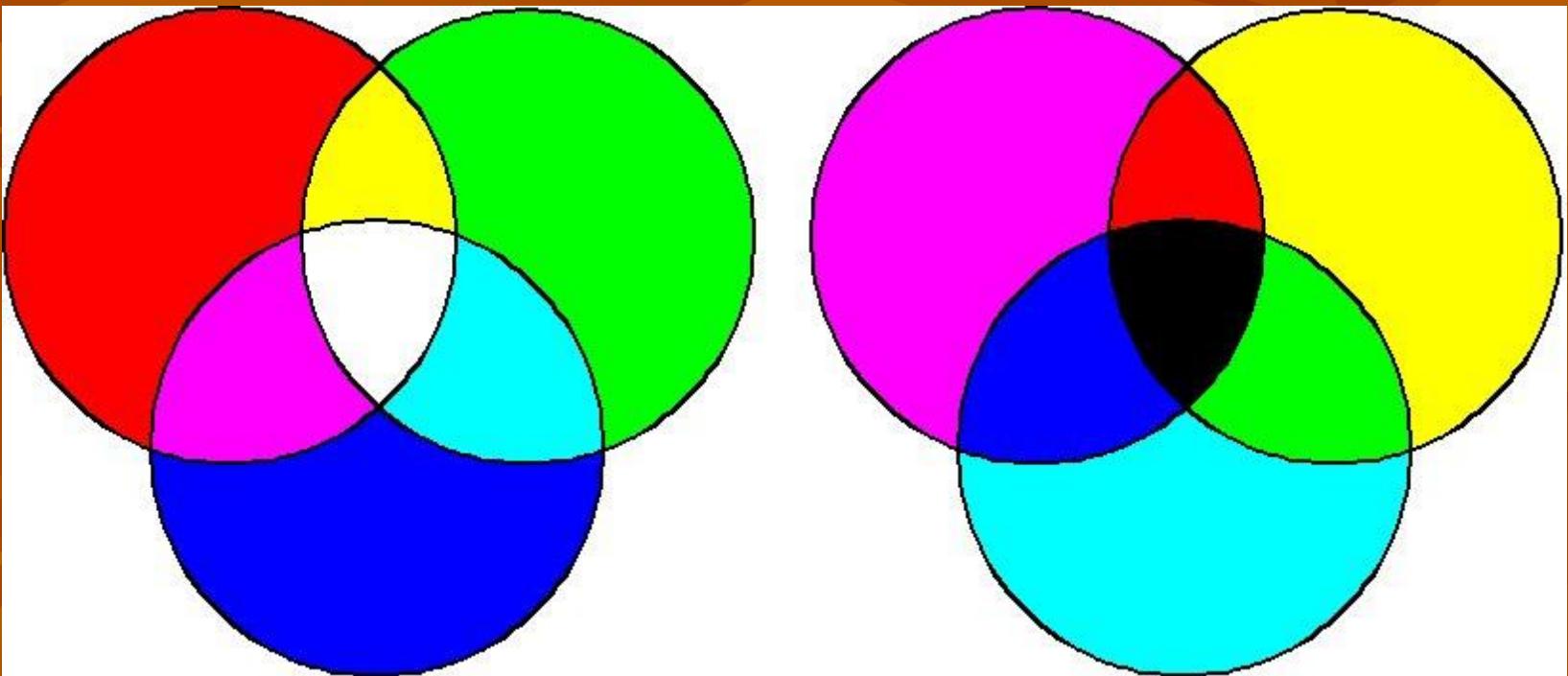
- 1. Agua
- 2. Vegetación
- 3. Suelos
- 4. Construido

TM4: Infrarrojo cercano

Formación del color

- Significado del color:
 - Teoría aditiva.
 - Teoría sustractiva.
- Bandas que intervienen en la composición:
 - Rango del espectro.
 - Orden asignado.

Formación del color



Teoría aditiva

Teoría sustractiva



Azul



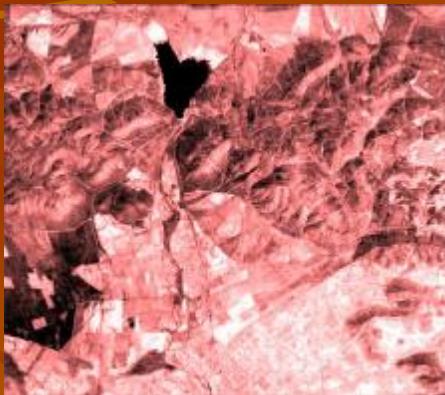
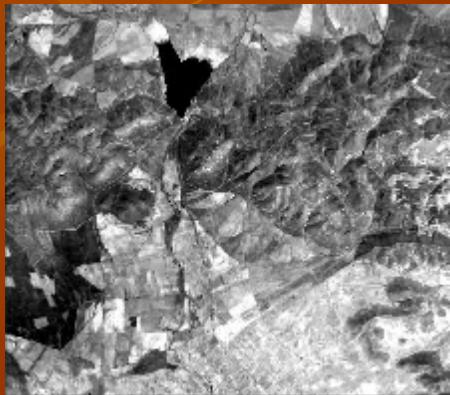
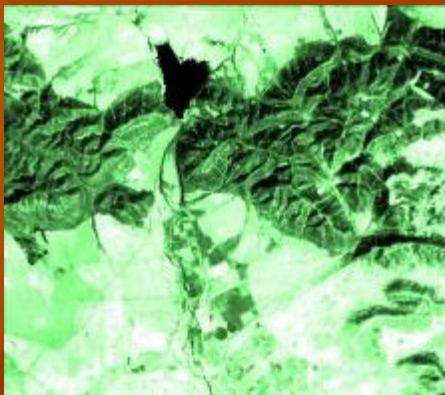
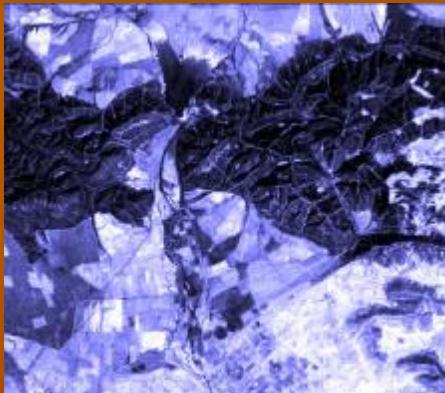
Verde



Rojo

Síntesis coloreada





Imágenes originales

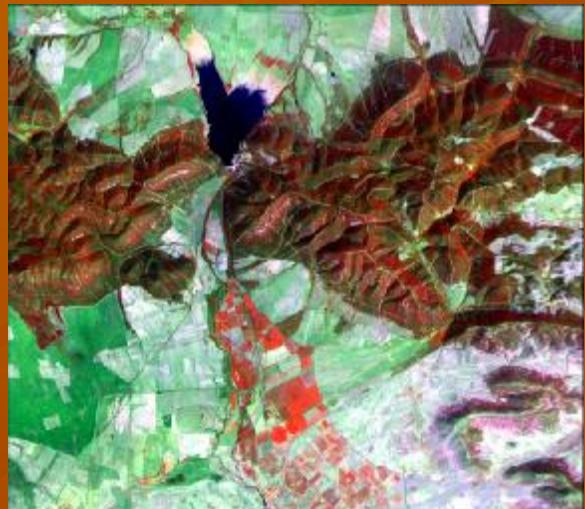
Bandas en tonos de color



Composición coloreada

Distintas composiciones en color sobre la misma imagen

4/5/3



3/2/1



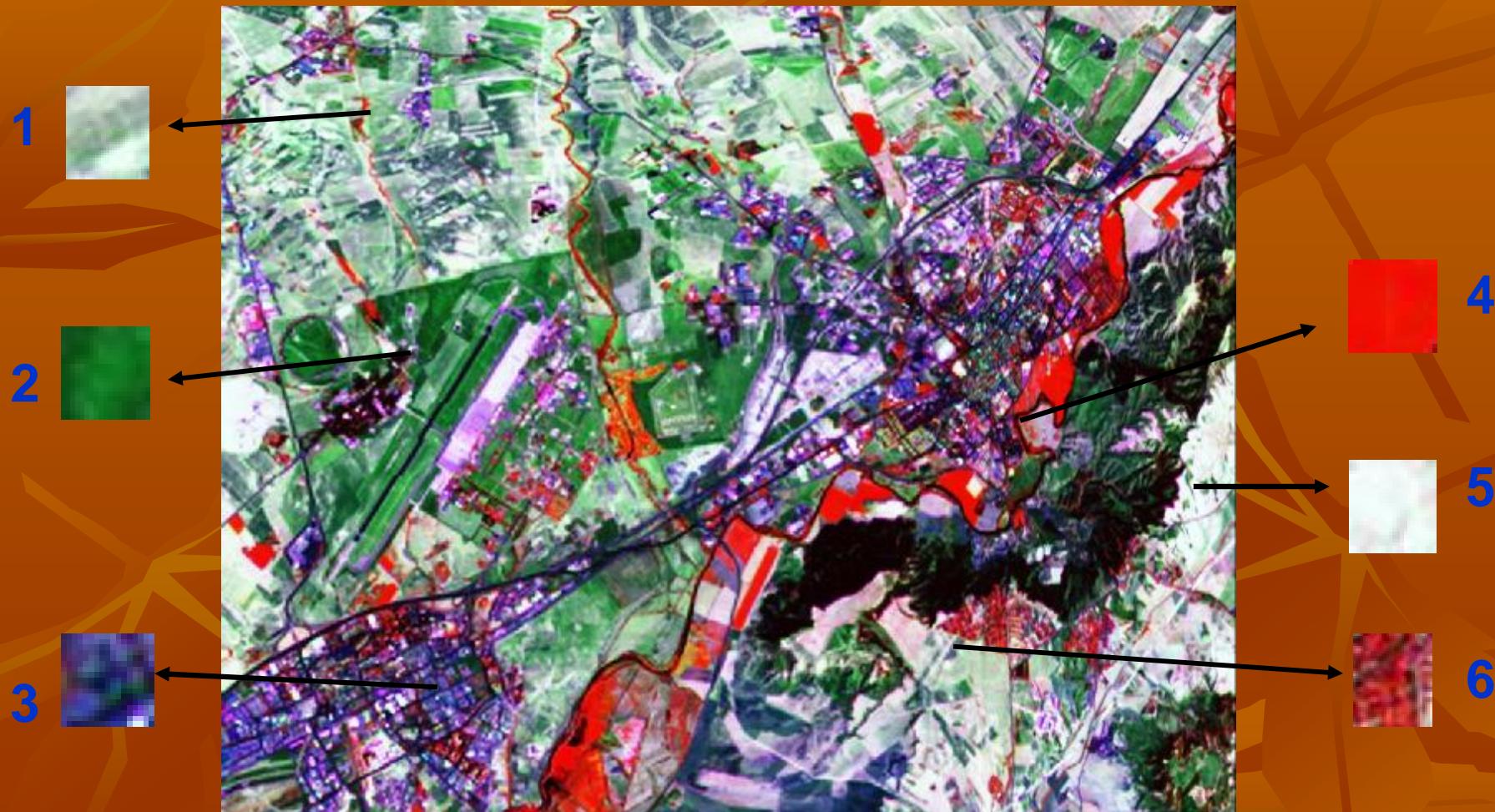
4/3/2



4/7/1

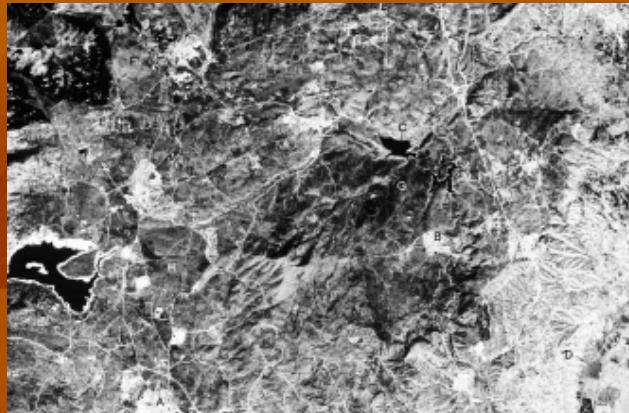


Clave para el infrarrojo color

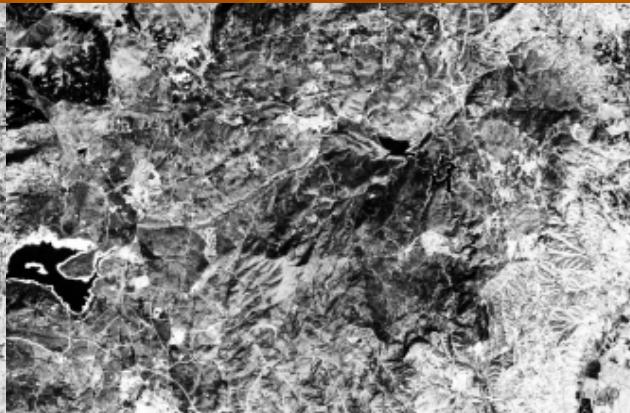


1. Suelos; 2: Pastizal; 3 Urbano; 4 Regadío;
5. Cultivos en descanso; 6: Residencial

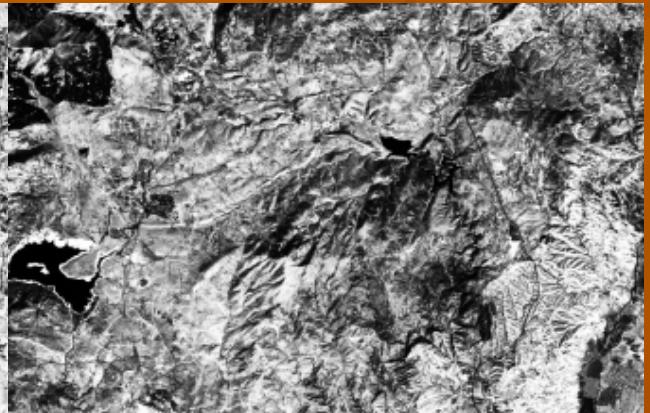
Ejercicio de análisis del color



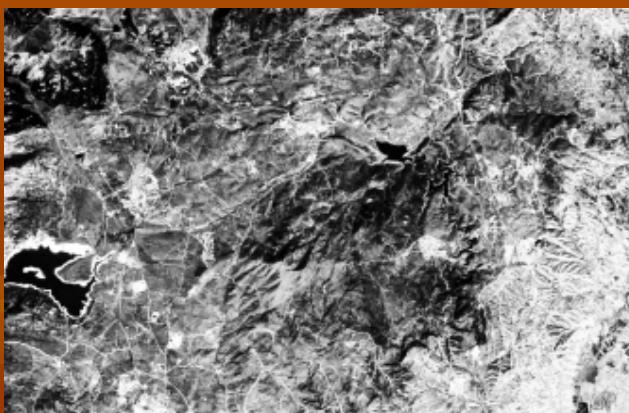
Banda 1



Banda 3



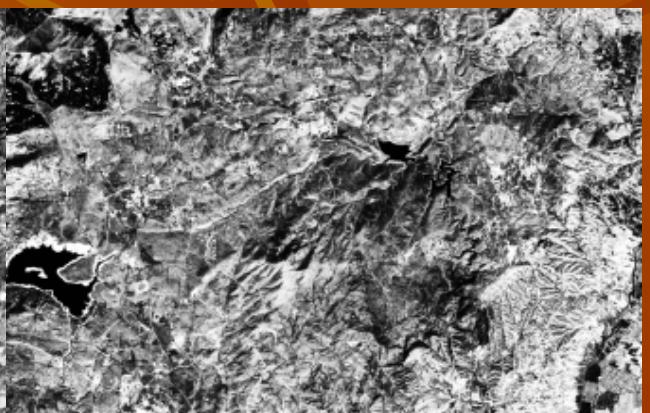
Banda 5



Banda 2

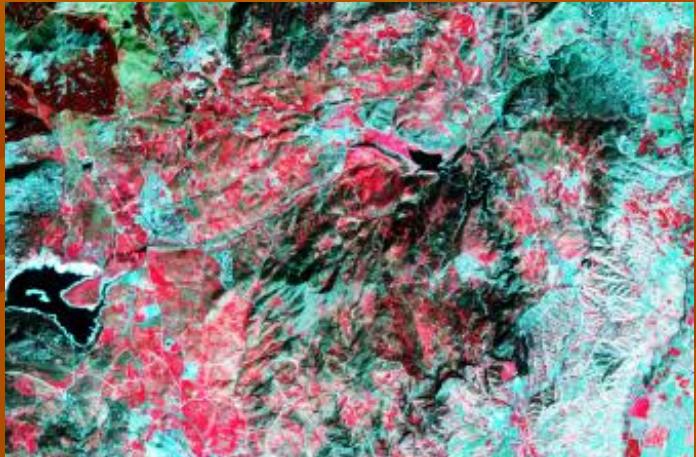


Banda 4

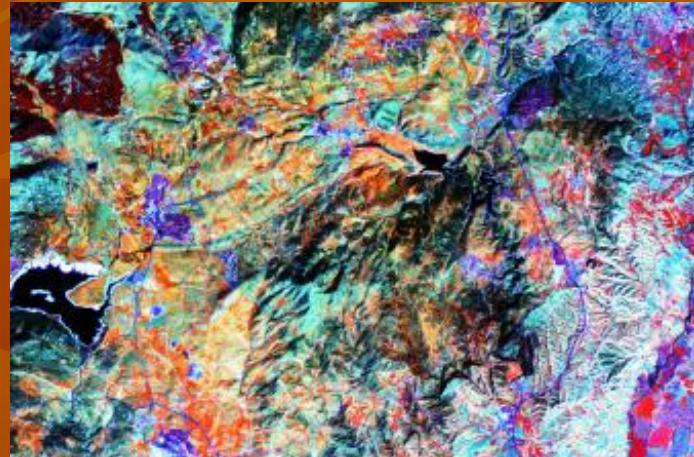


Banda 7

Composiciones en color



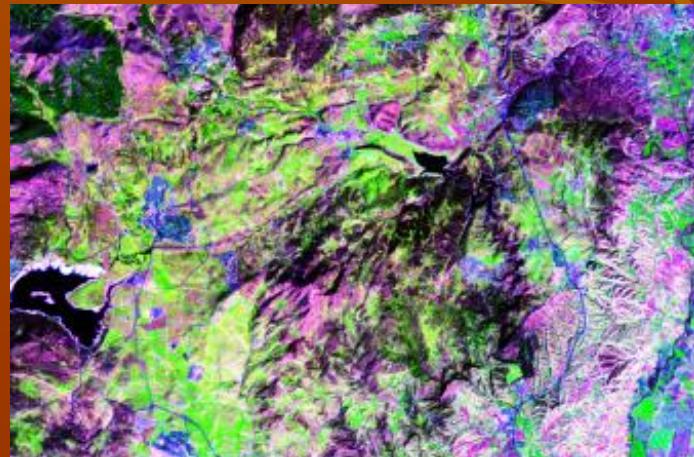
4/3/2



4/5/3

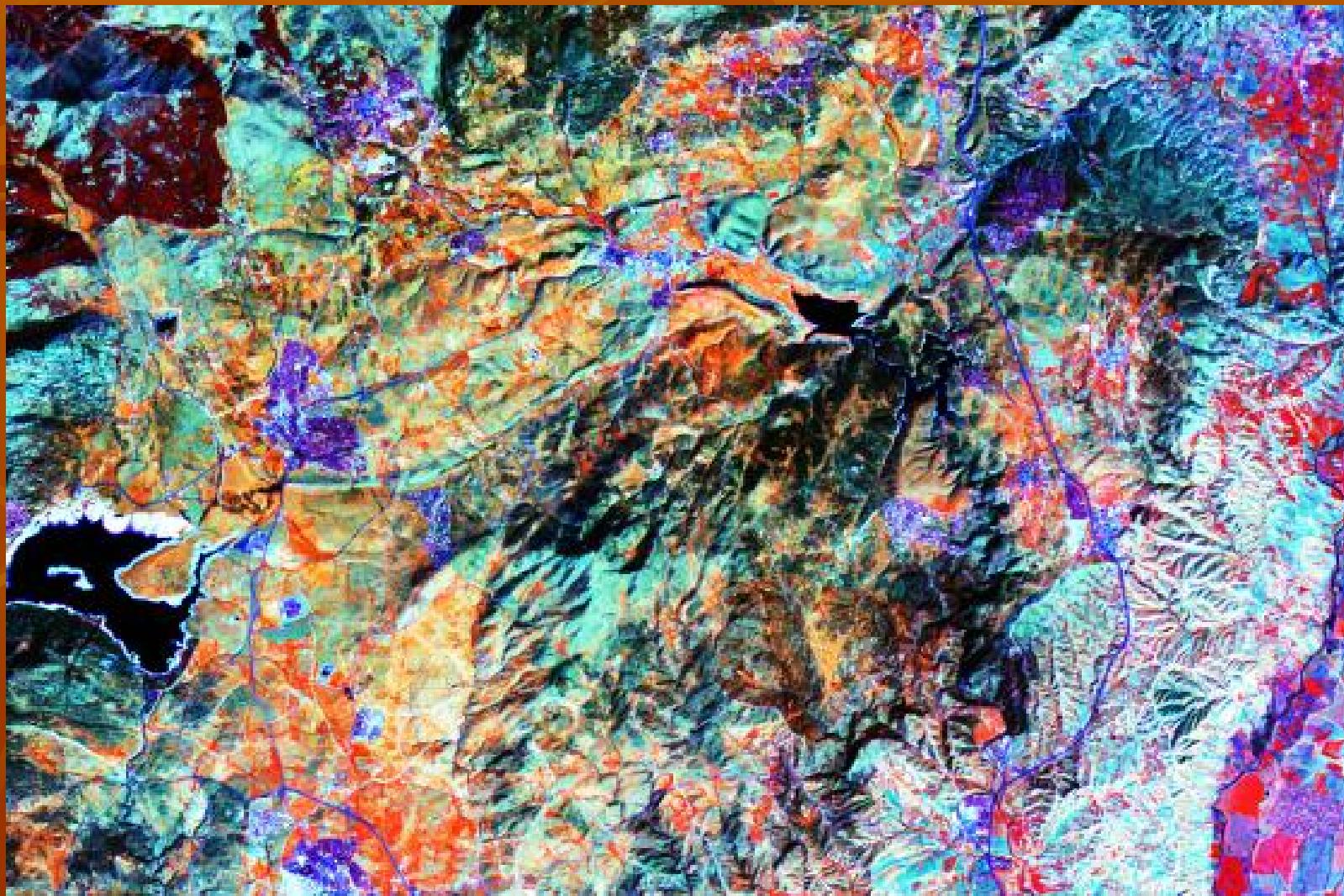


3/2/1



5/4/3

Composición IRC/SWIR/R



Rasgos texturales



Intermedia
Vías férreas

Gruesa
Zonas urbanas

Imagen IRS de la ciudad de Arica

Rasgos texturales

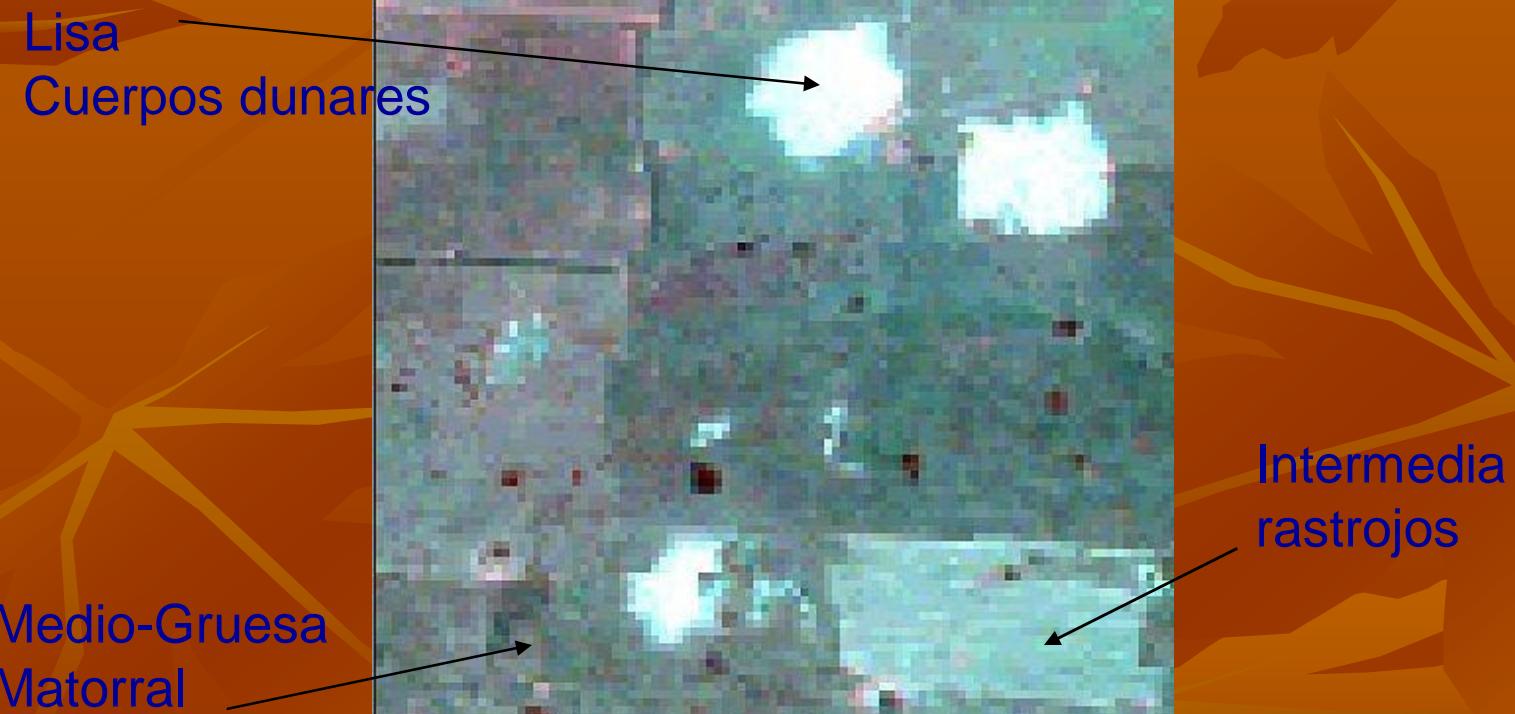
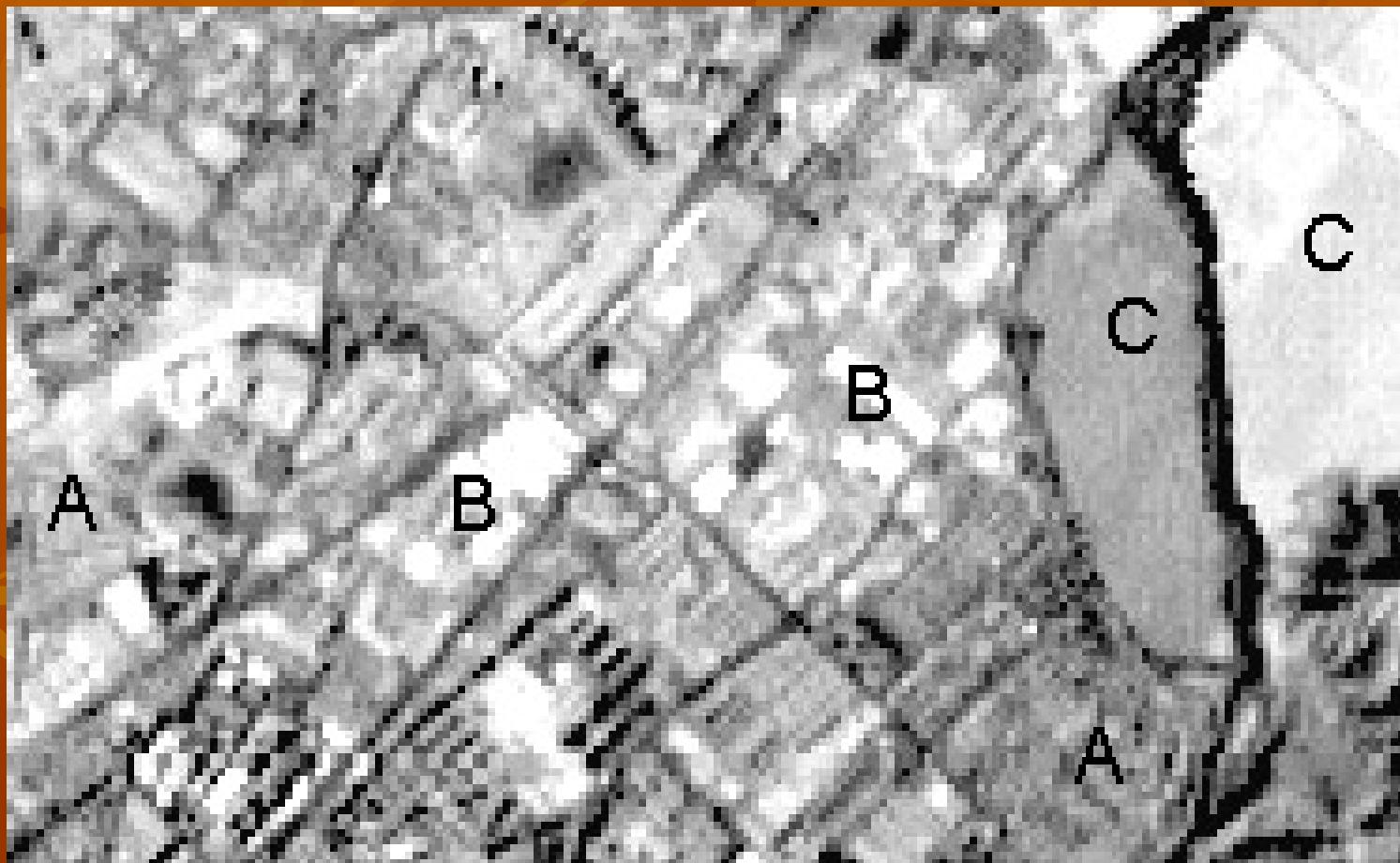


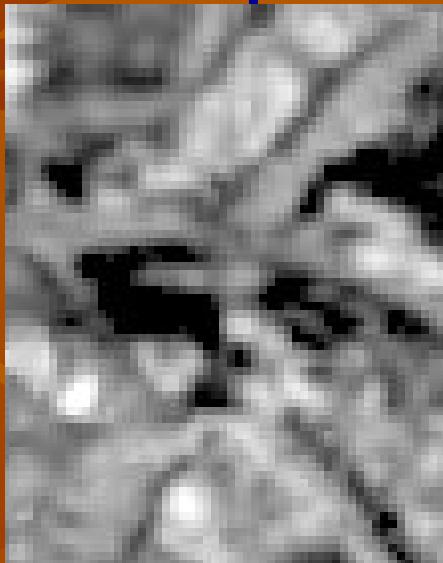
Imagen Landsat-TM San Luis (Argentina)

Texturas urbanas (Alcalá99)



Resolución y formas

Landsat-TM
Multiespectral 30 m



Pancromático 15 m



Formas



Formas



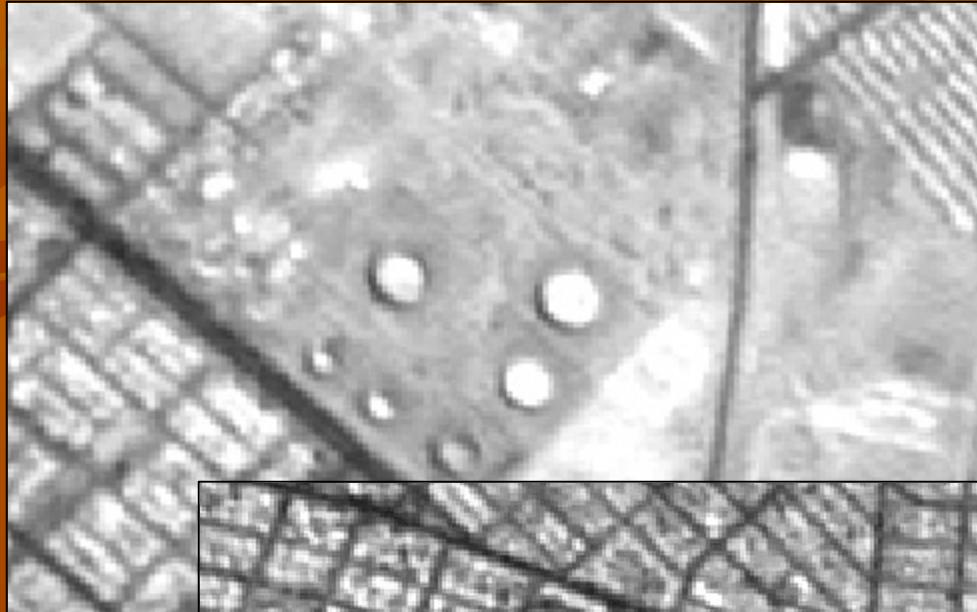
Imágenes Corona



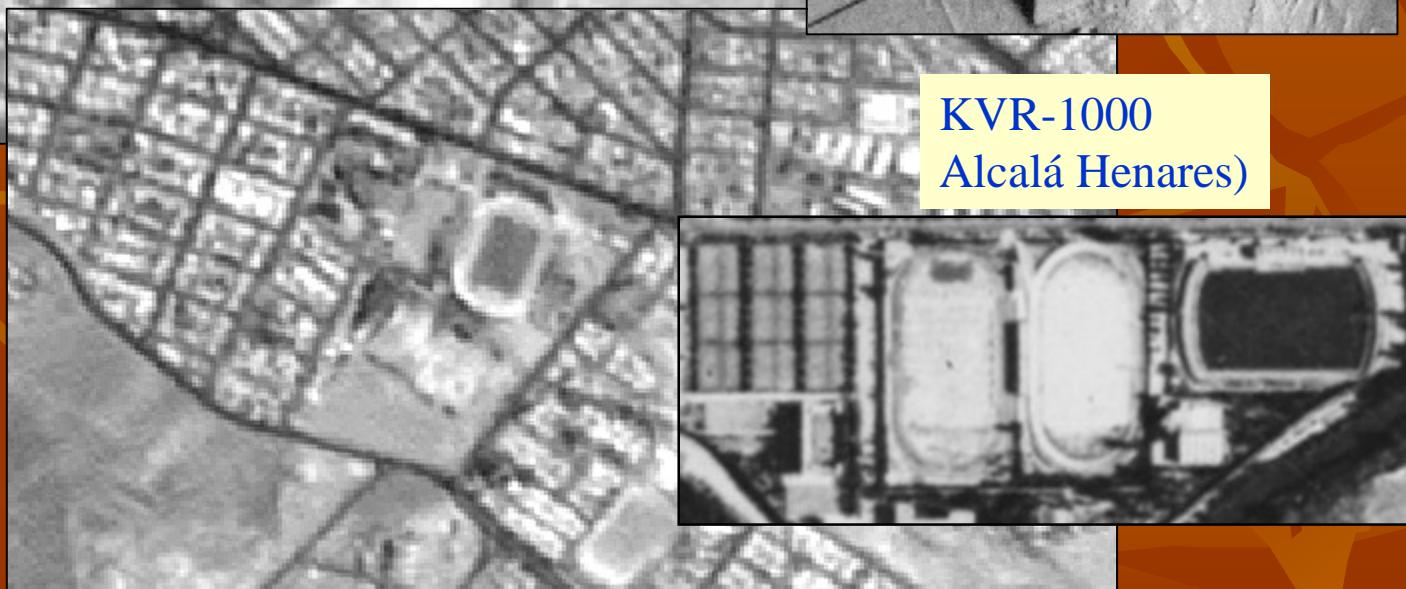
Ikonos Madrid

Formas

Ikonos - Egipto

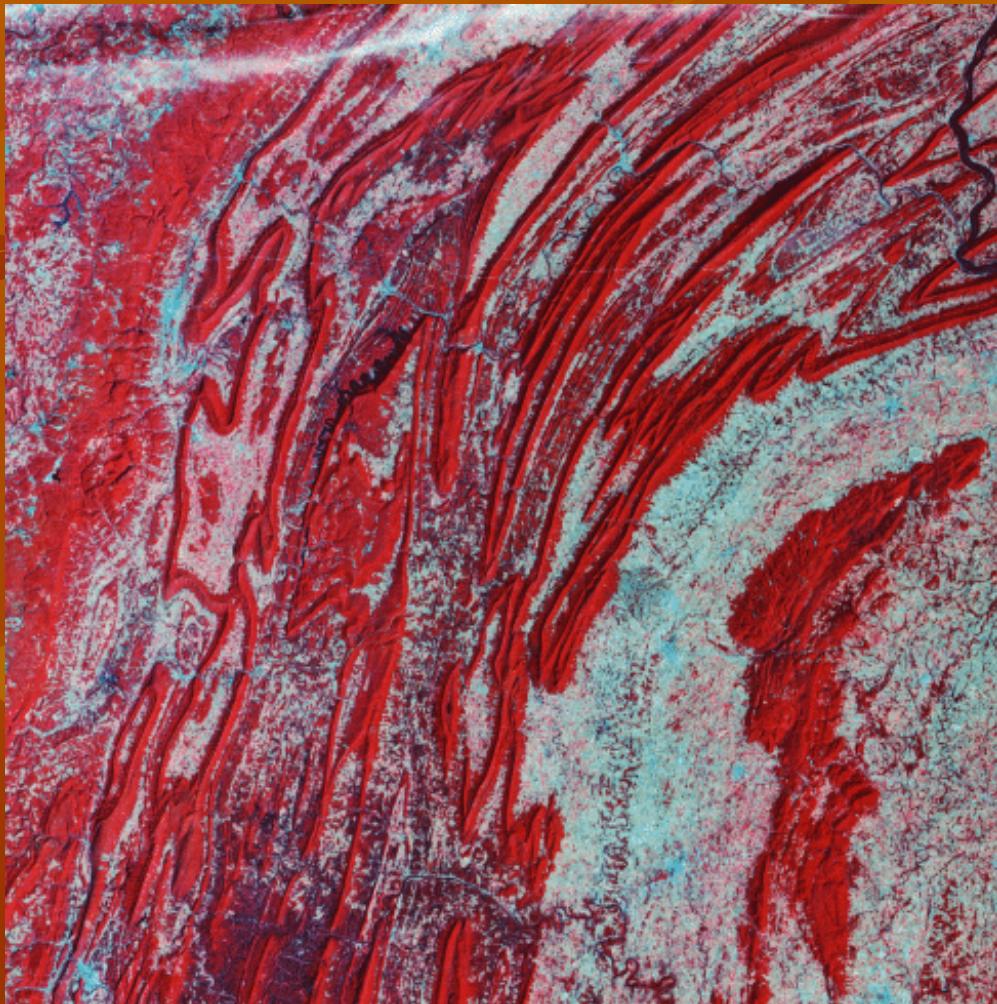


KVR-1000
Alcalá Henares)



(Imágenes
IRS – Arica)

Mega-formas



Apalaches,
Short, 2000

Mega-formas



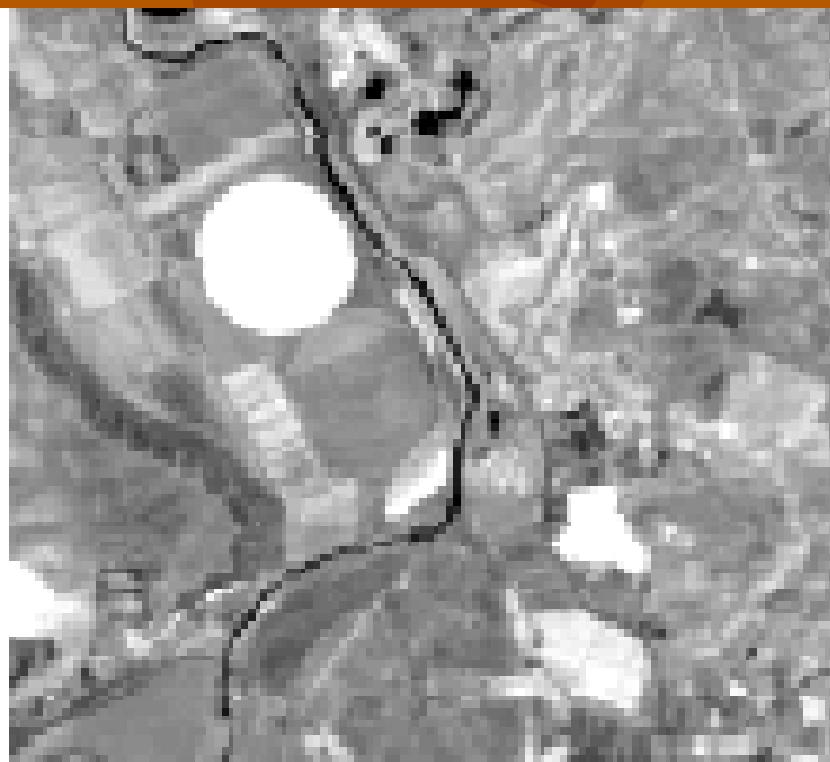
Huracan, imagen NOAA-AVHRR

Patrón espacial

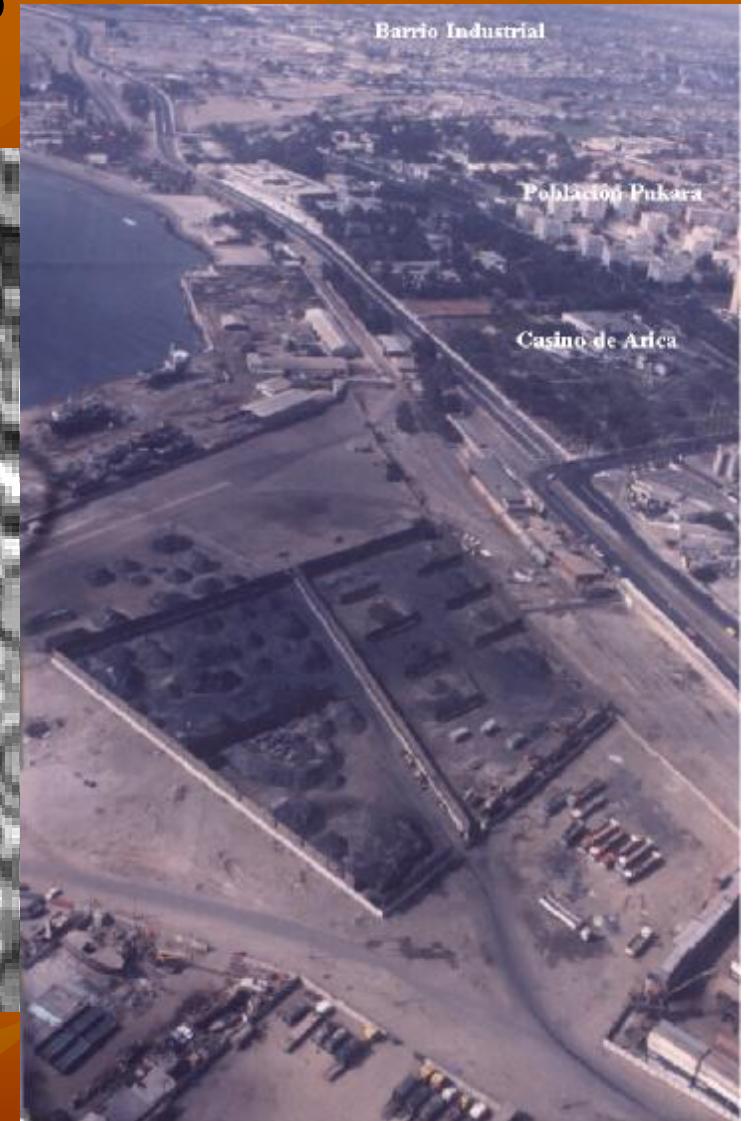
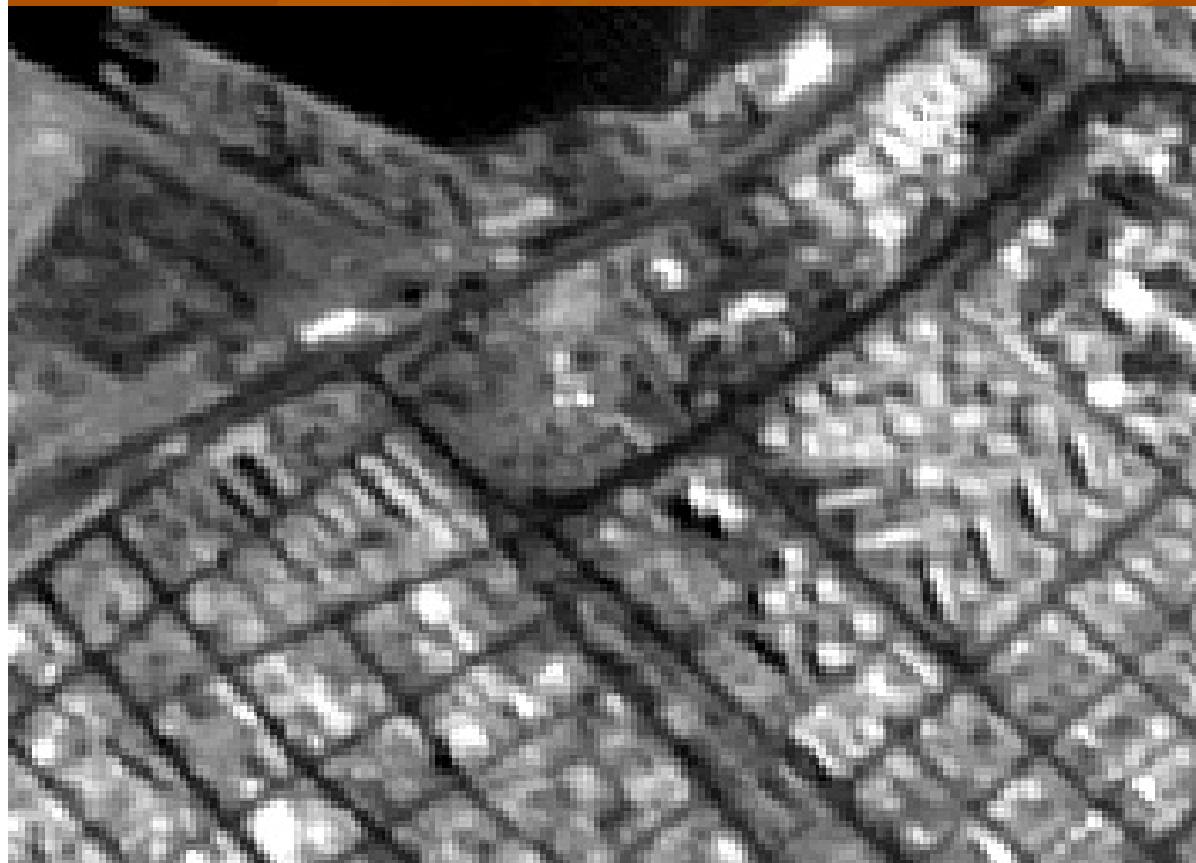


Imagen ERS – Estrecho de Gibraltar
ESA

El contexto en la interpretación visual

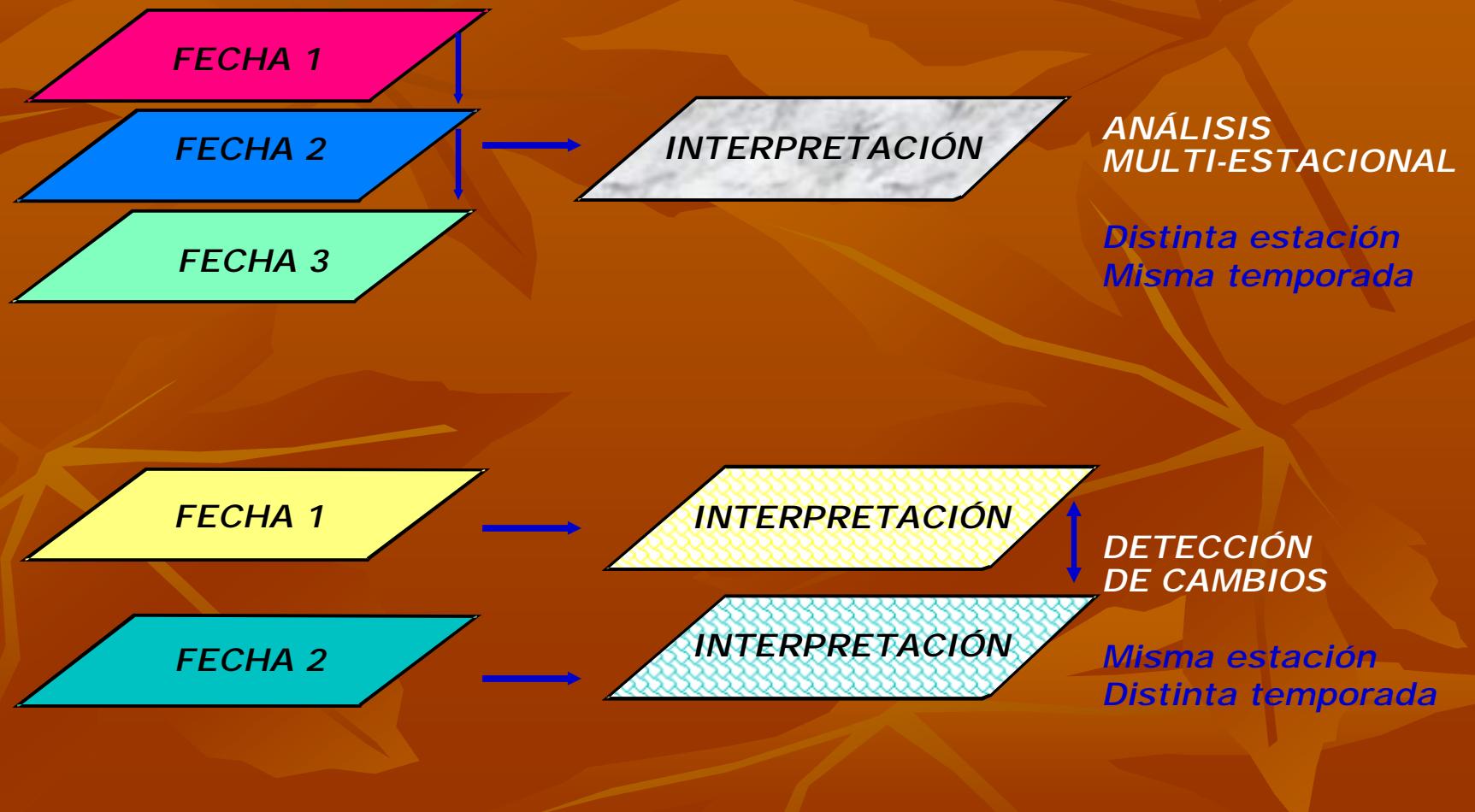


Sombras

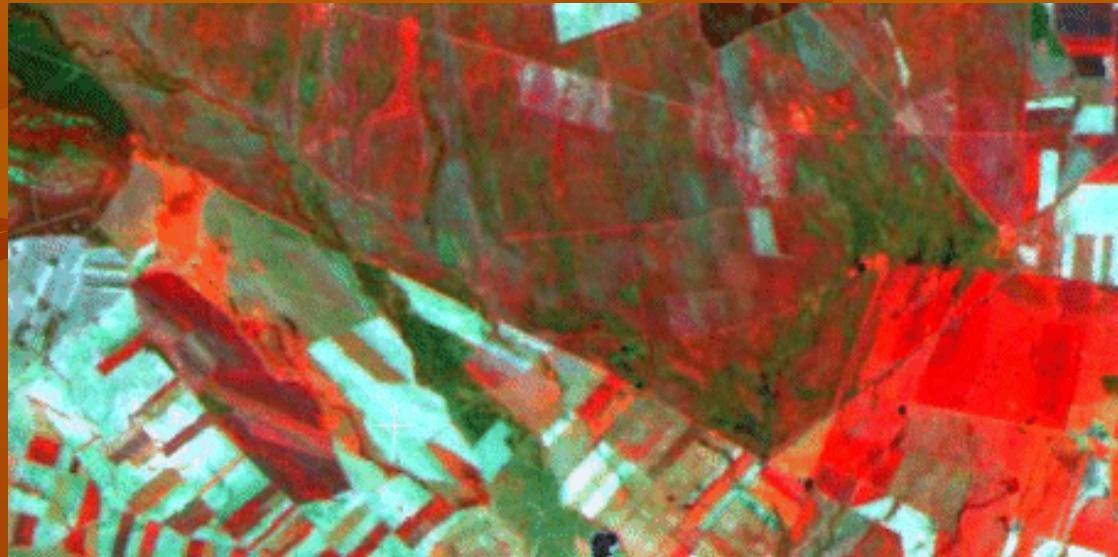


(Imagen IRS de la ciudad de Arica)

Enfoques temporales



Dinámica estacional



Cabañeros

5-5-98



21-7-97

Determinación de cambios

Madrid

1992

2000

