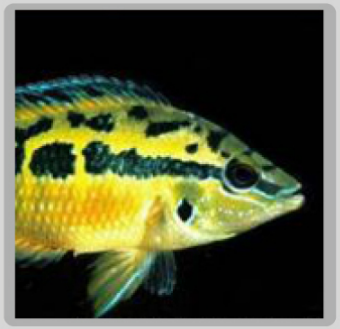
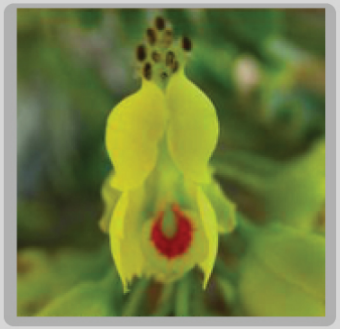
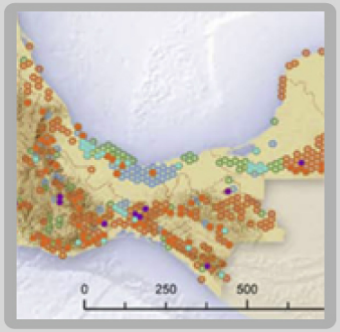
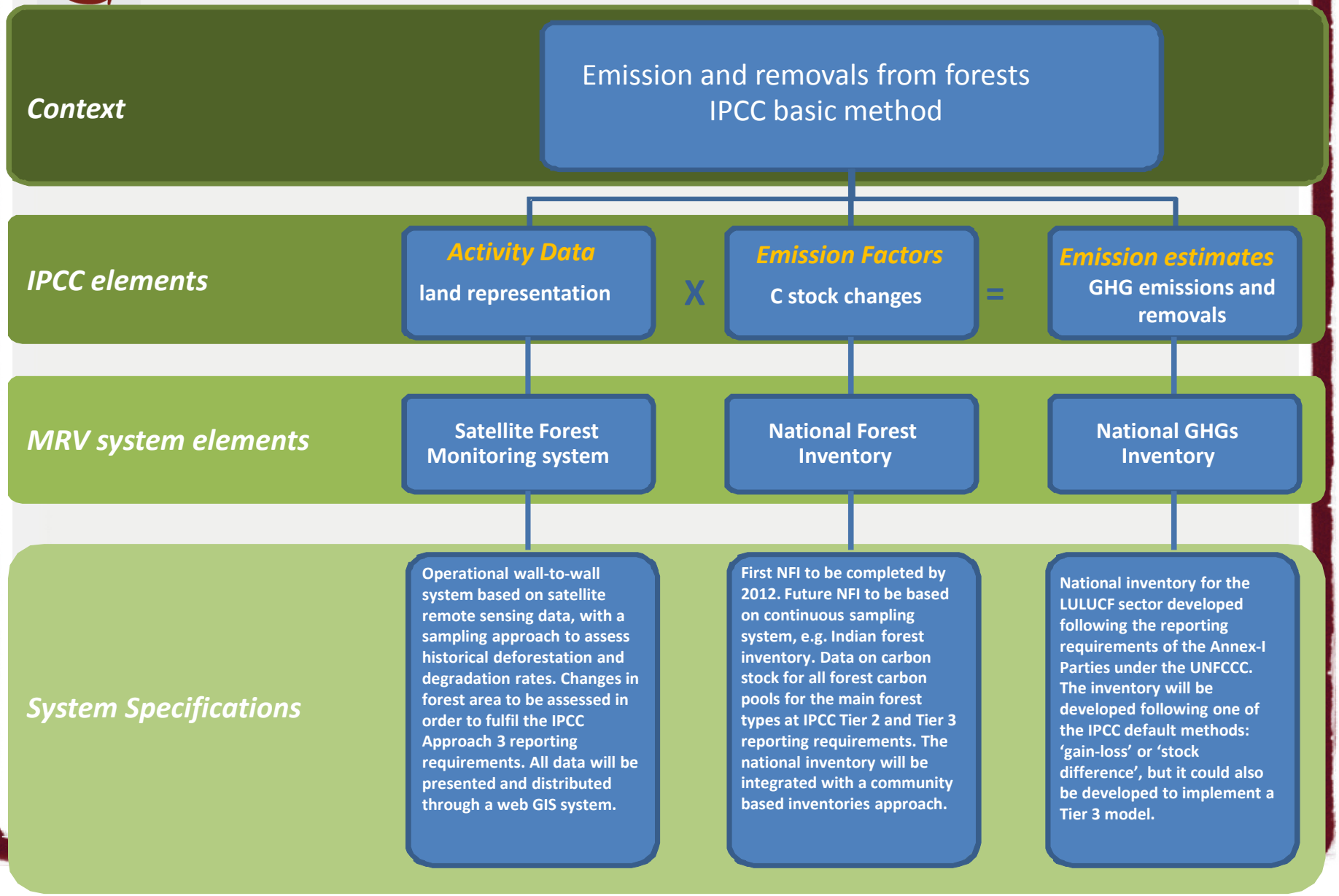
Componente AD del sistema MRV bajo mecanismo REDD+



Dr. Michael Schmidt, 55-5004-3172, michael.schmidt@conabio.gob.mx

Basic components of an MRV for forestry monitoring



Sistema de Monitoreo AD en REDD + MRV

Marco conceptual:

Tamaño de la superficie a reportar: 1.972.550 km^2

Frecuencia del monitoreo: anual

Unidad de reporte / tamaño de parche de bosque: 0,5 hectárea

Unidad mínima de mapeo: 0,125 hectáreas (50 Pixeles RE, 1.4 Pixeles Landsat)

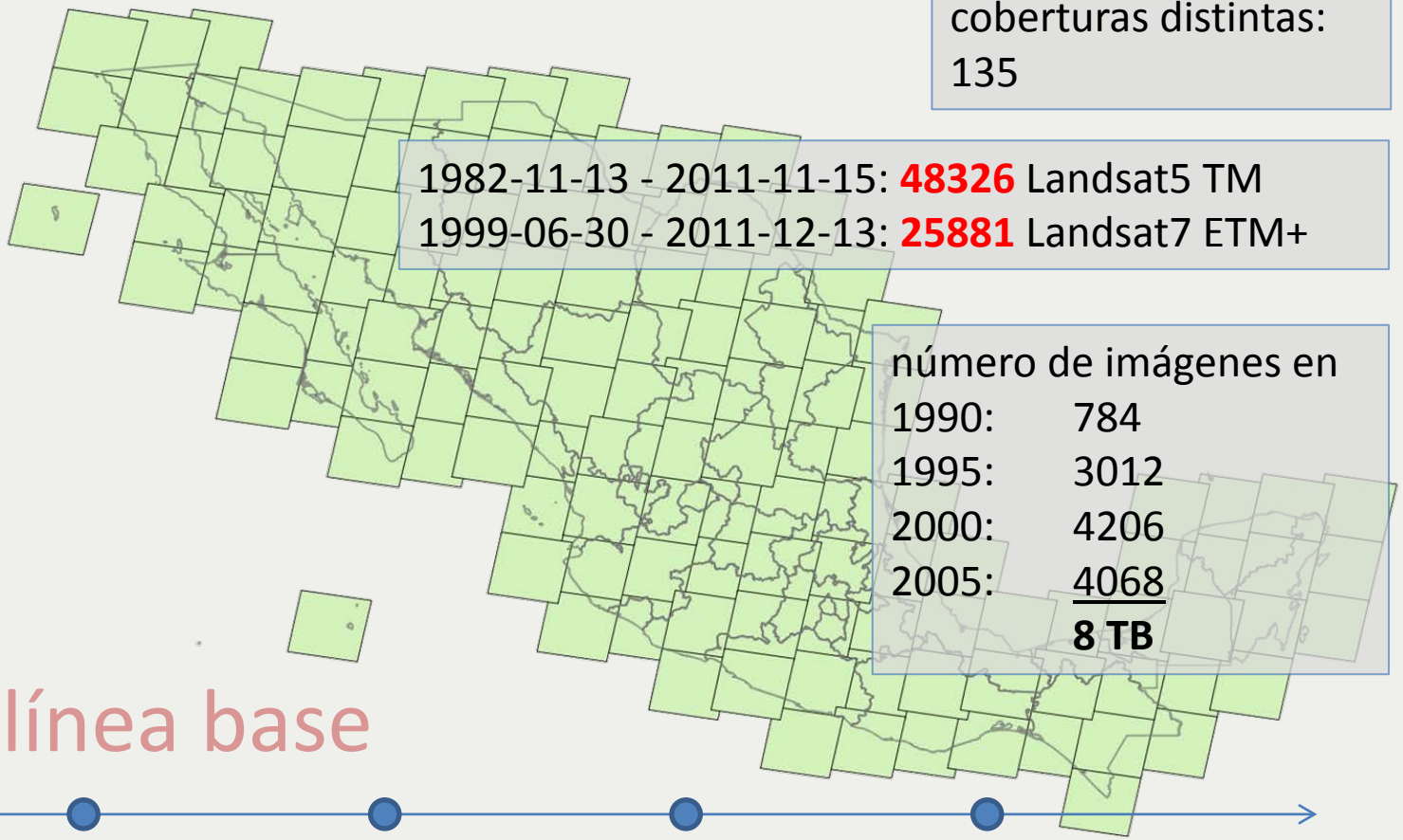
Método: combinación de proceso automático con interpretación visual

Acervo de datos de satélite: Landsat

número de todas las coberturas distintas: 135

1982-11-13 - 2011-11-15: **48326** Landsat5 TM
1999-06-30 - 2011-12-13: **25881** Landsat7 ETM+

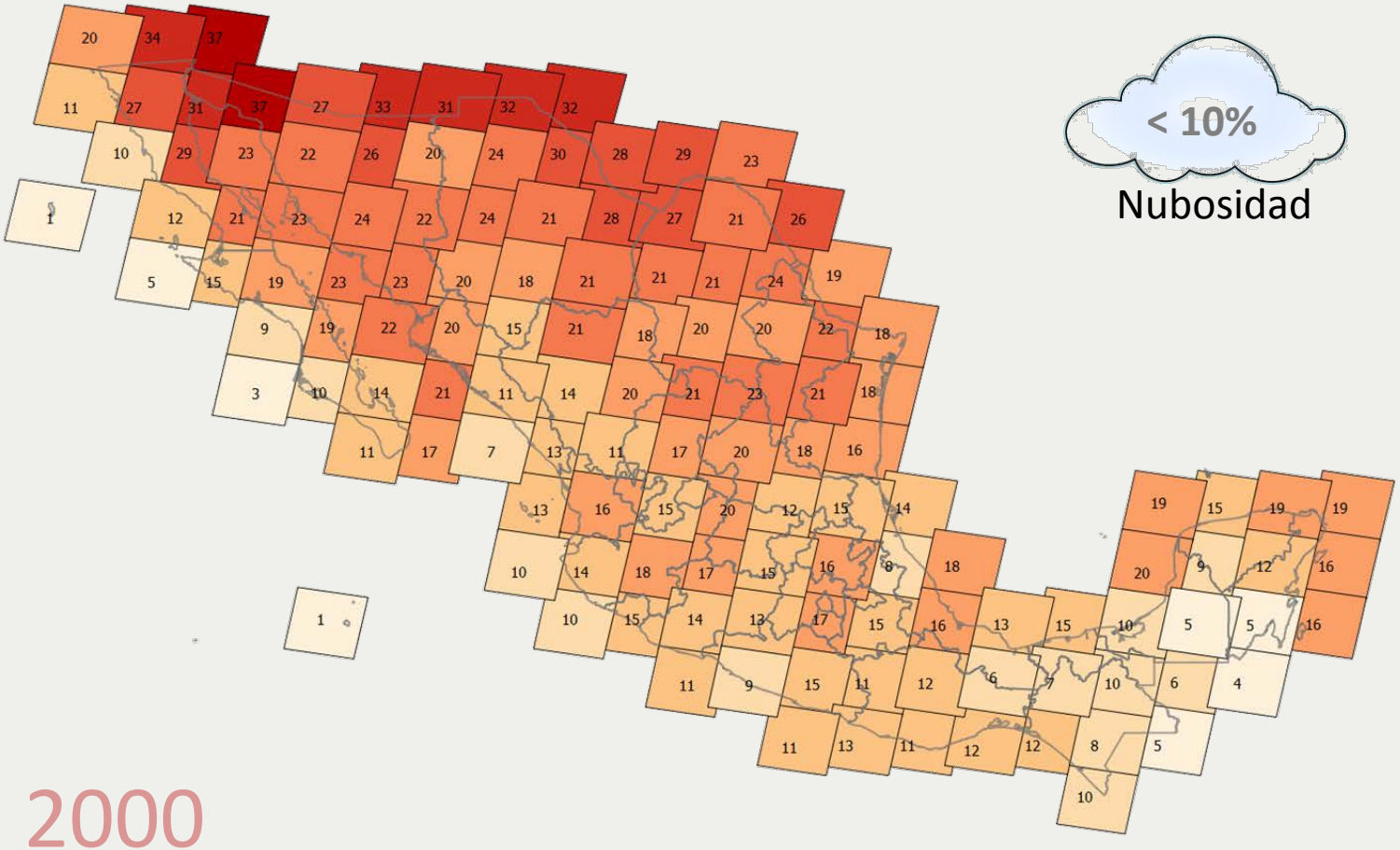
número de imágenes en
1990: 784
1995: 3012
2000: 4206
2005: 4068
8 TB



línea base

1990 1995 2000 2005

Acervo de datos de satélite: Landsat



Acervo de datos de satélite: RapidEye

Una cobertura nacional está constituida por: **3988**

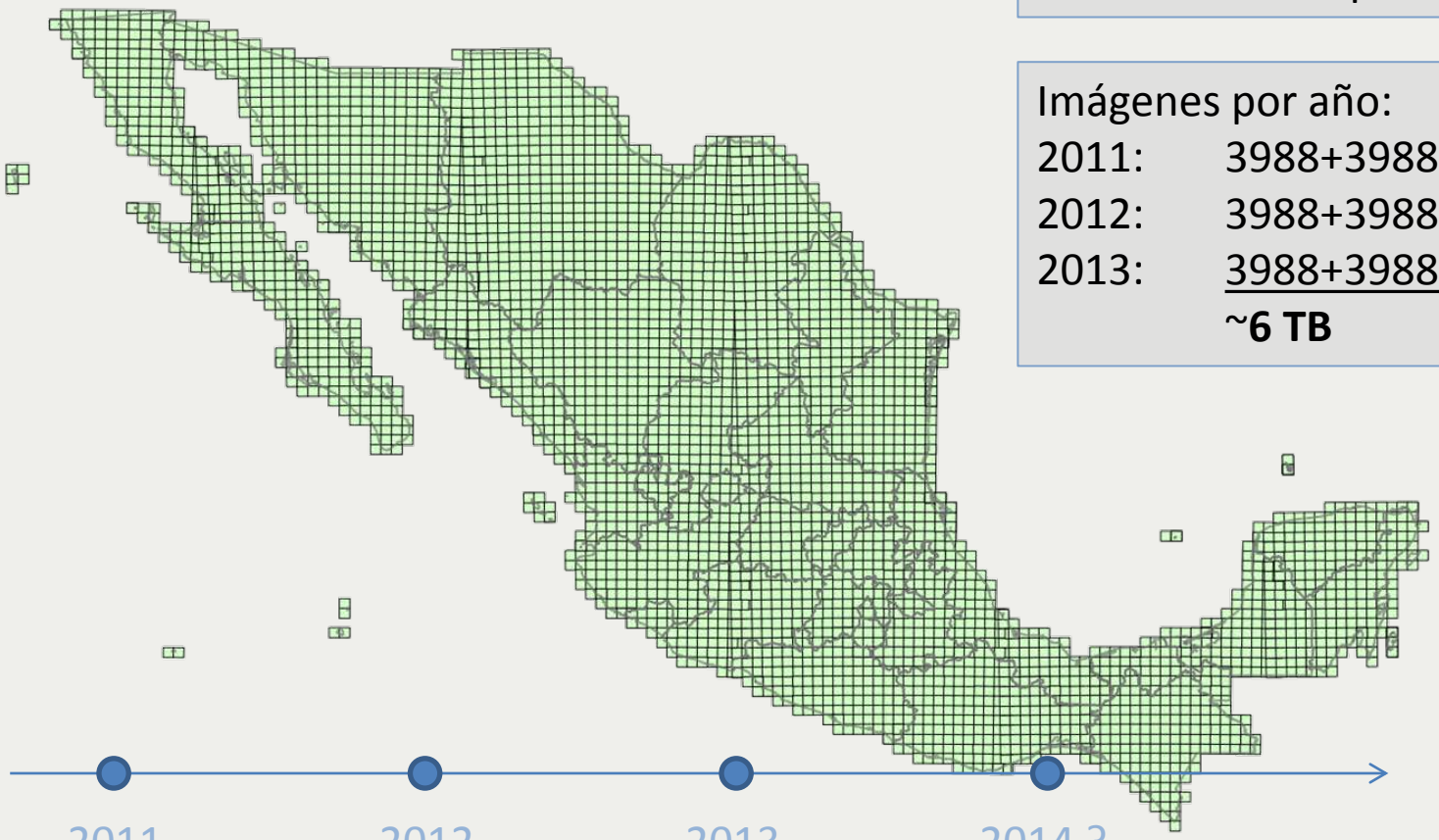
Imágenes por año:

2011: 3988+3988

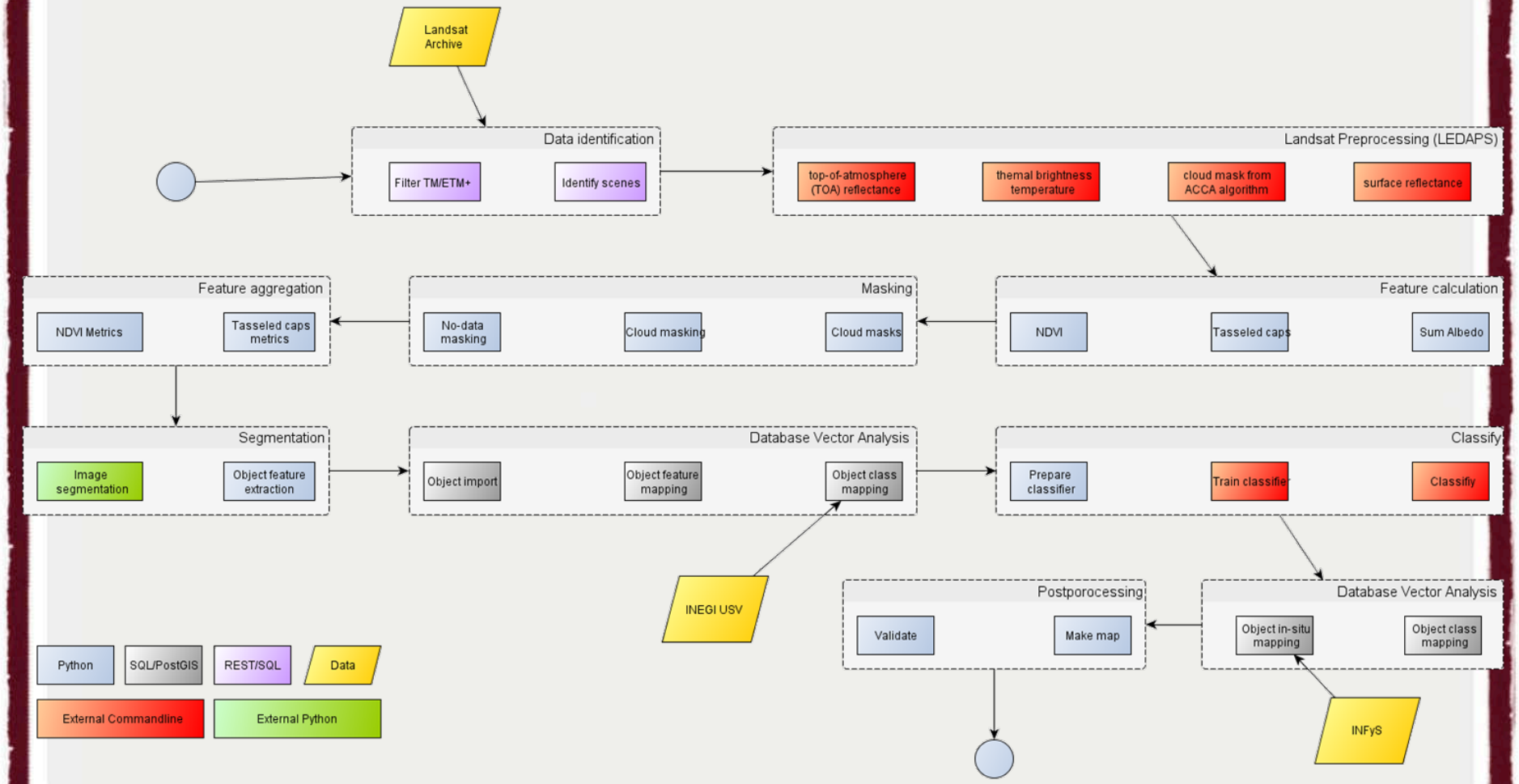
2012: 3988+3988

2013: 3988+3988

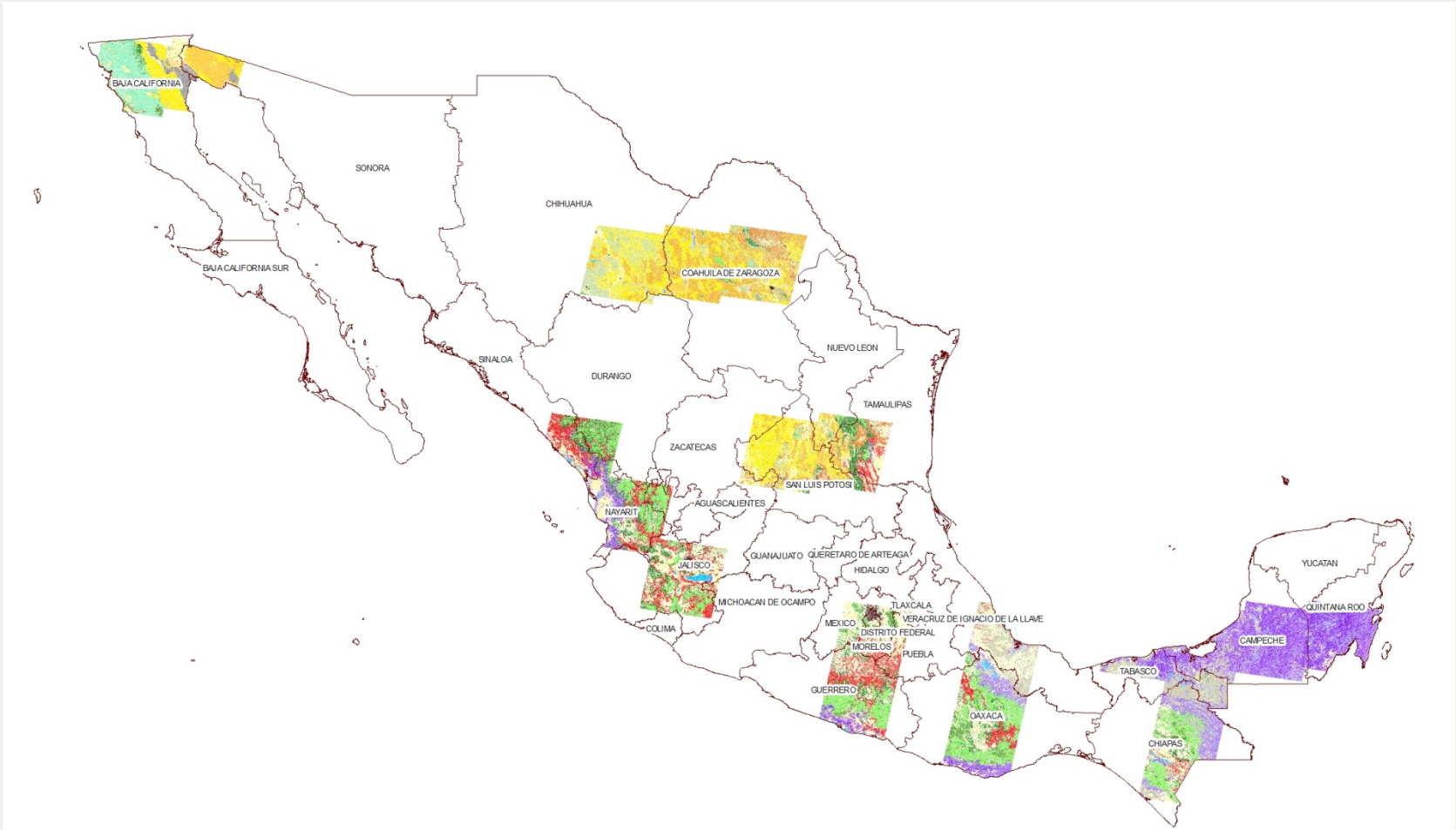
~6 TB



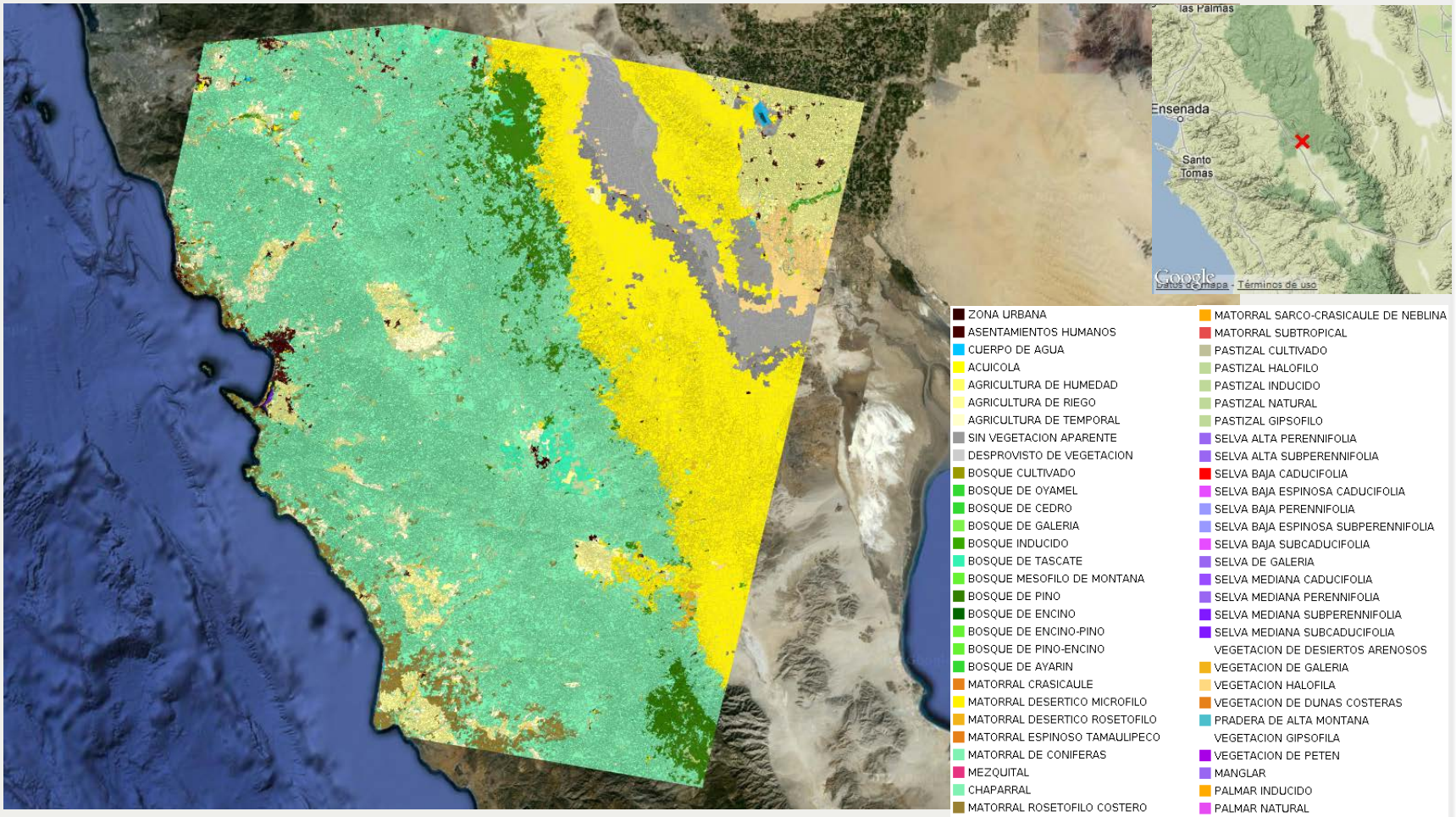
Flujo de trabajo implementado



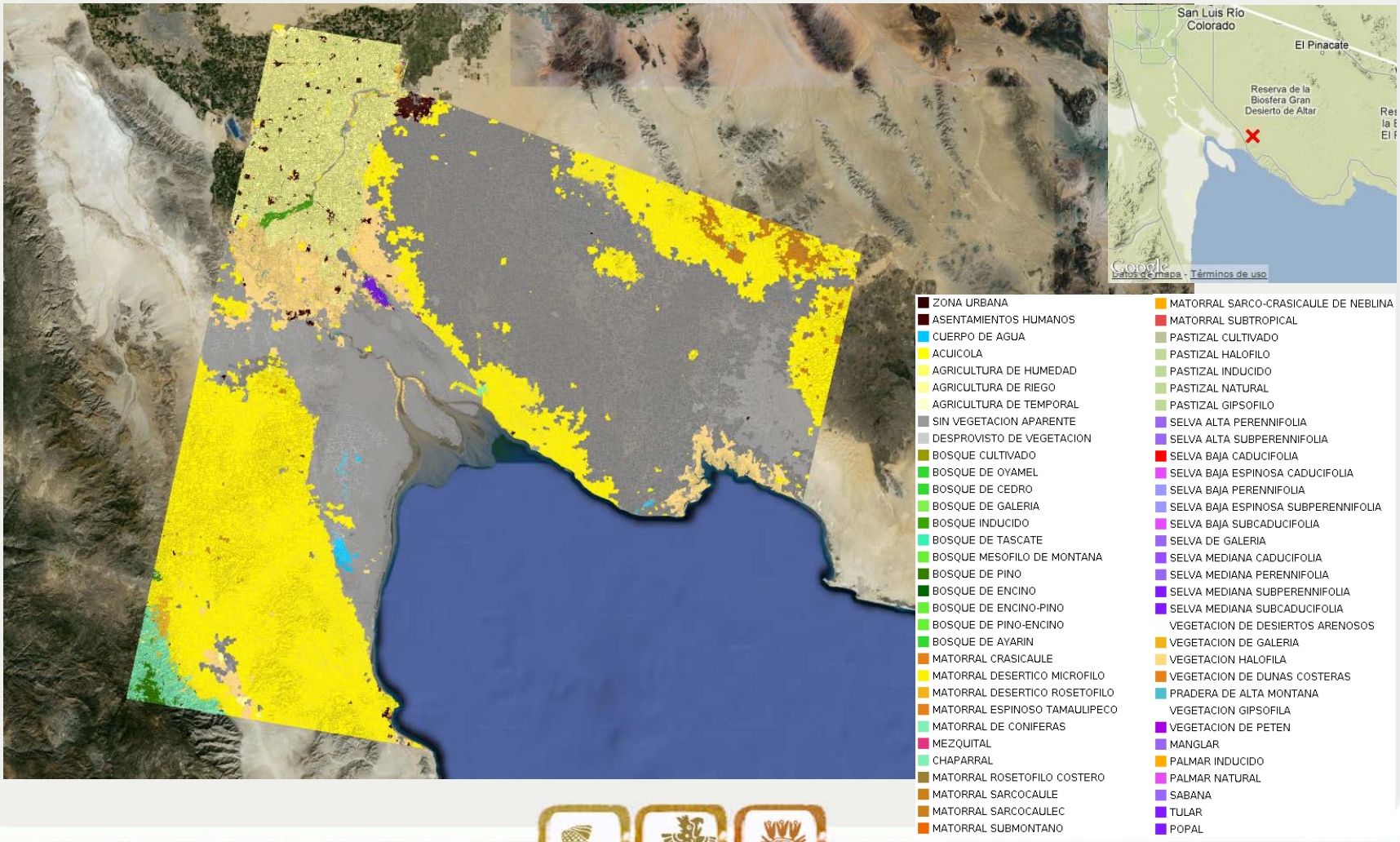
Landsat land cover examples



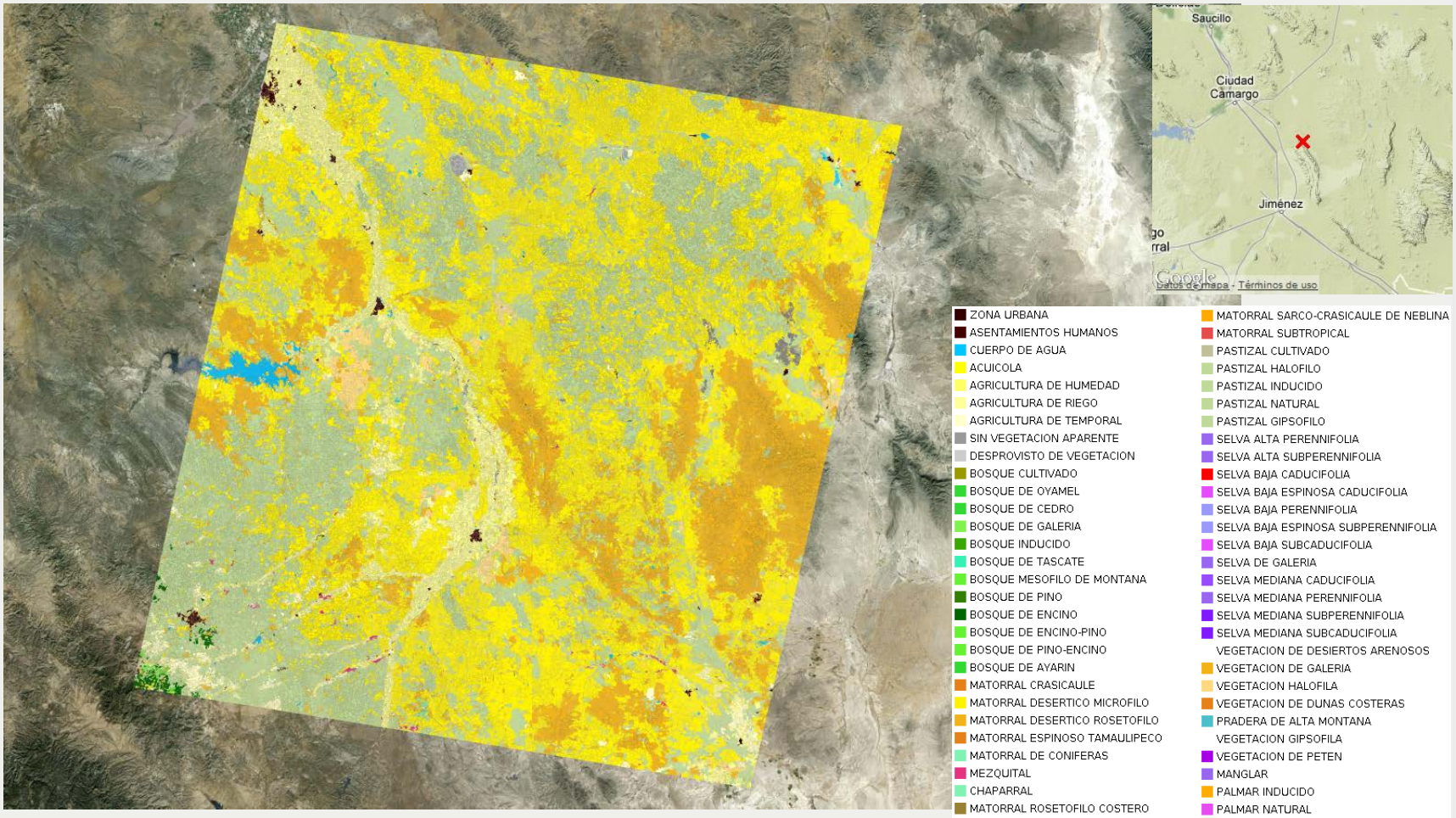
Landsat land cover examples



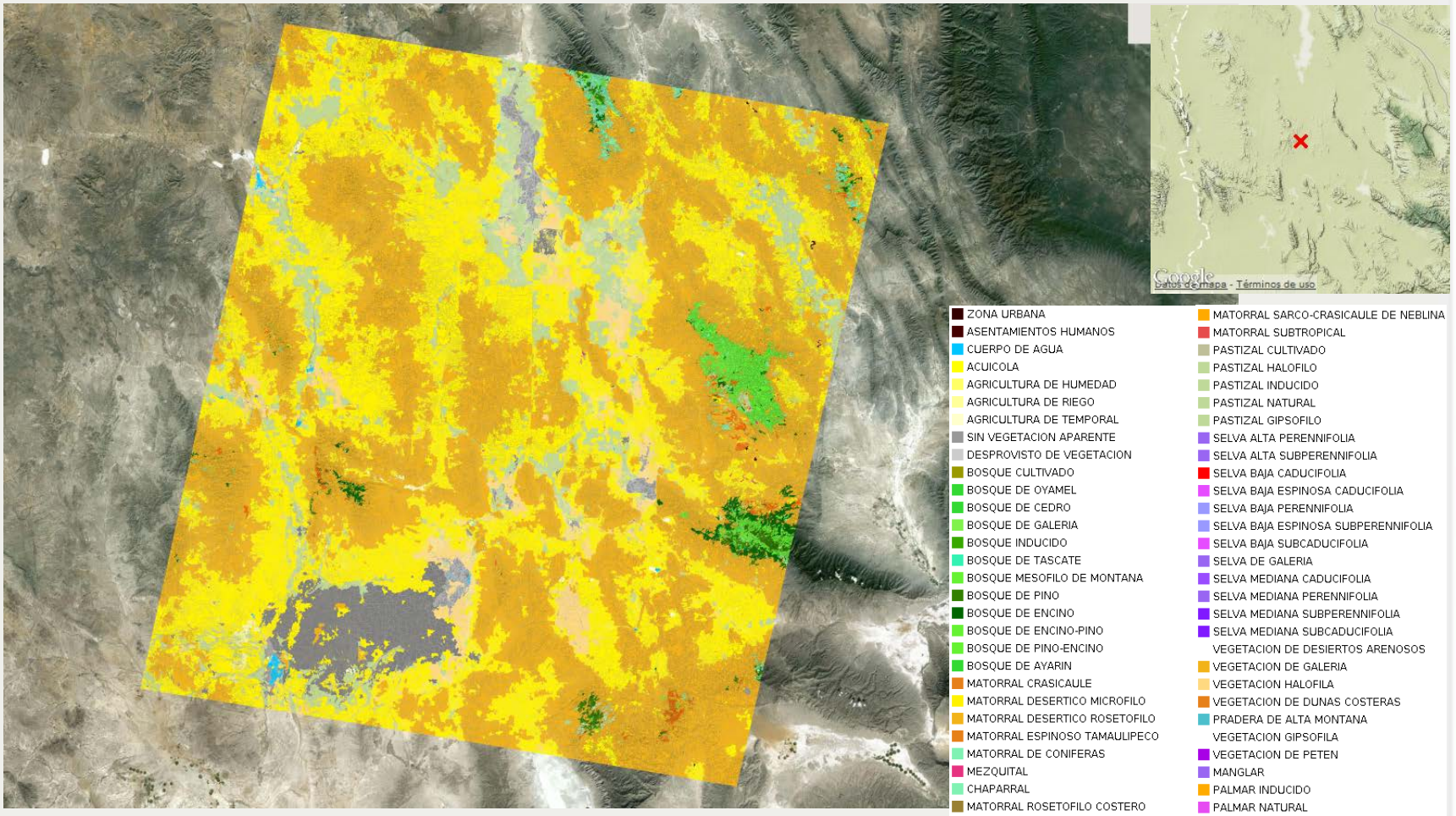
Landsat land cover examples



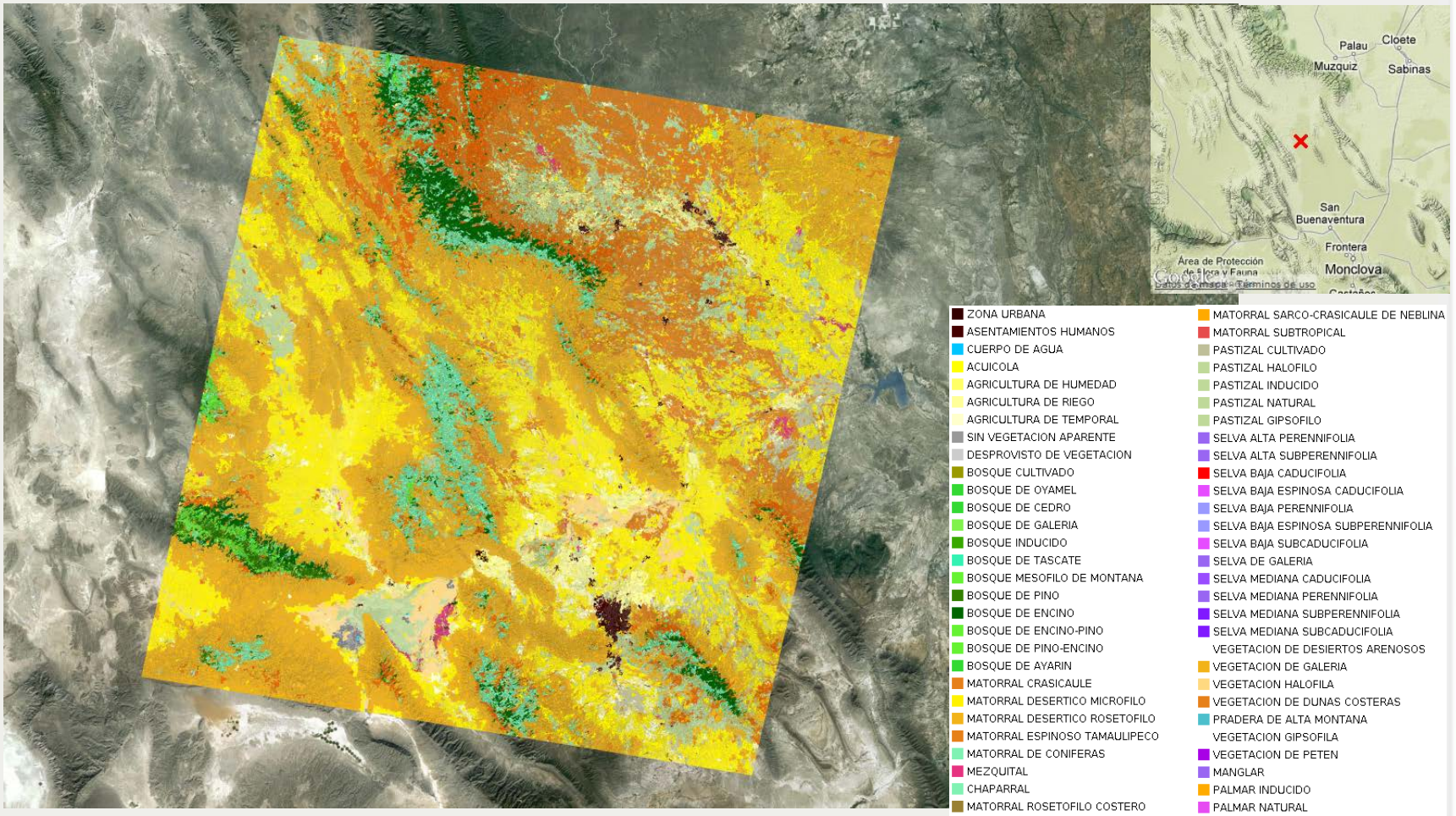
Landsat land cover examples



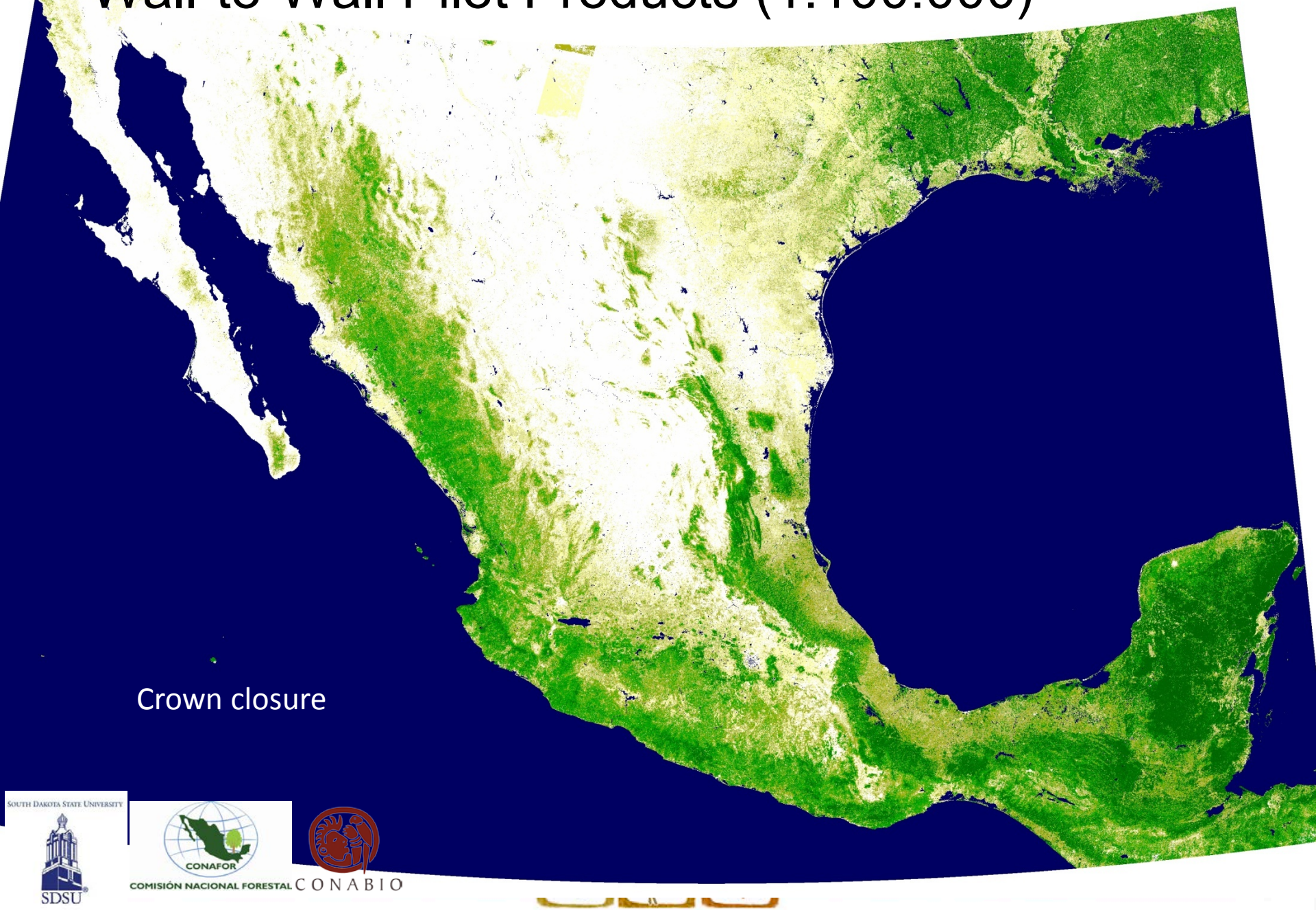
Landsat land cover examples



Landsat land cover examples



Wall-to-Wall Pilot Products (1:100:000)



South Dakota State University
SDSU
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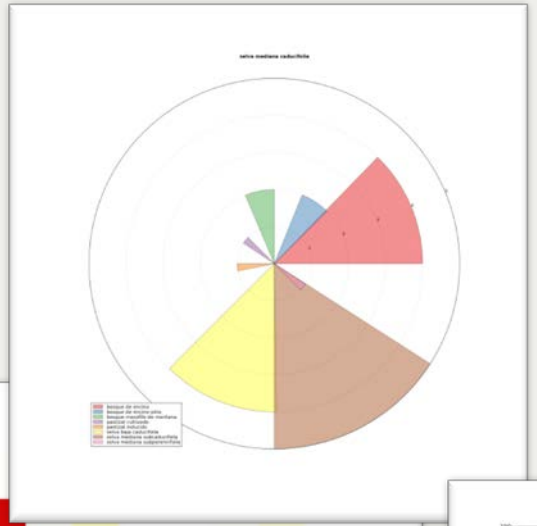
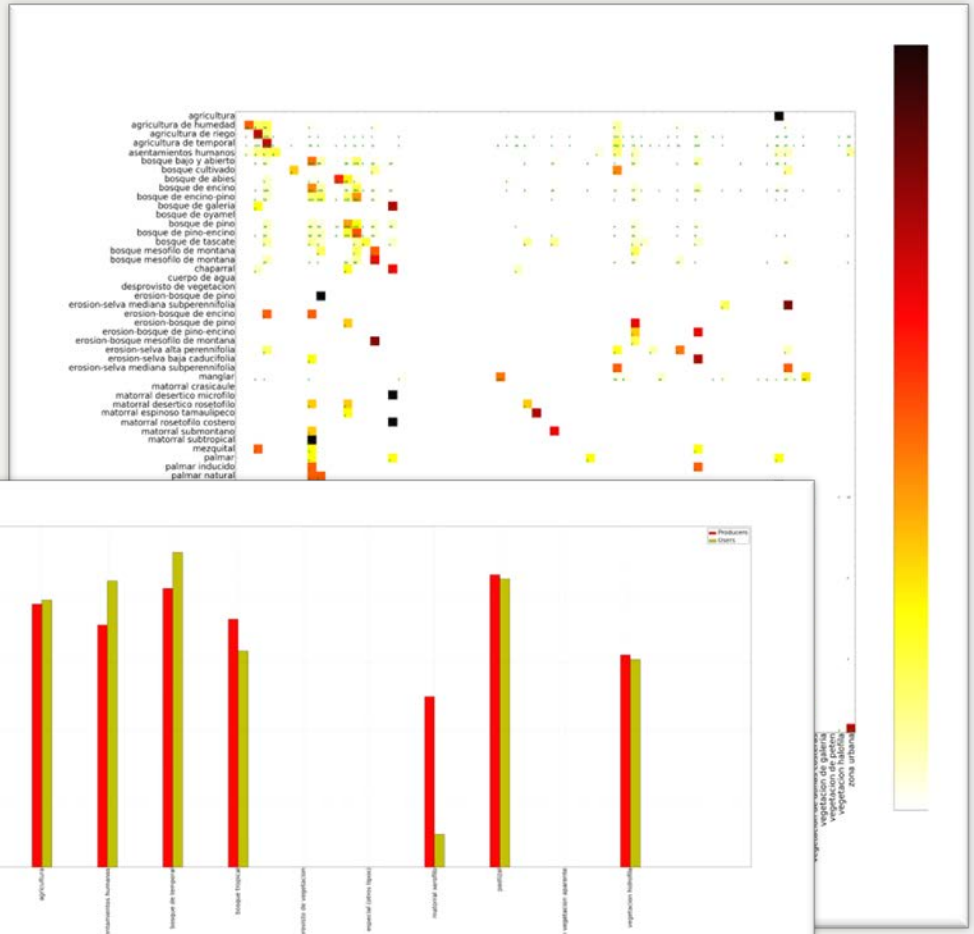
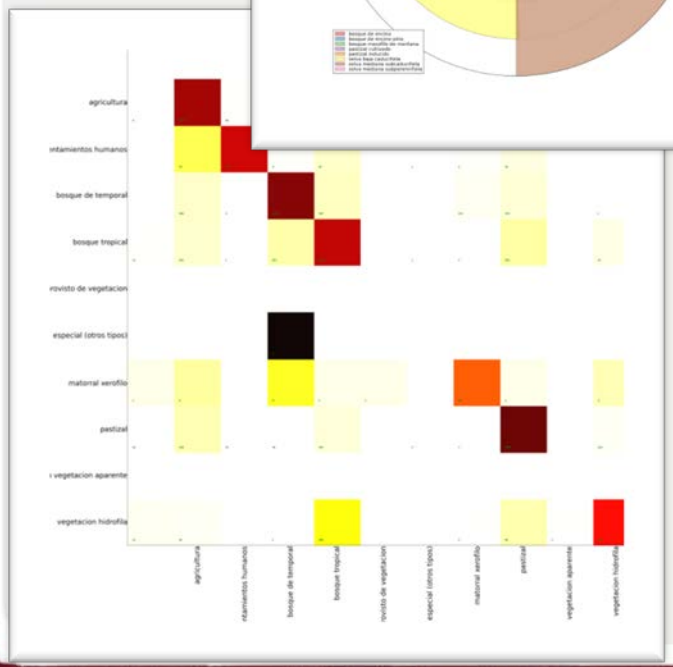
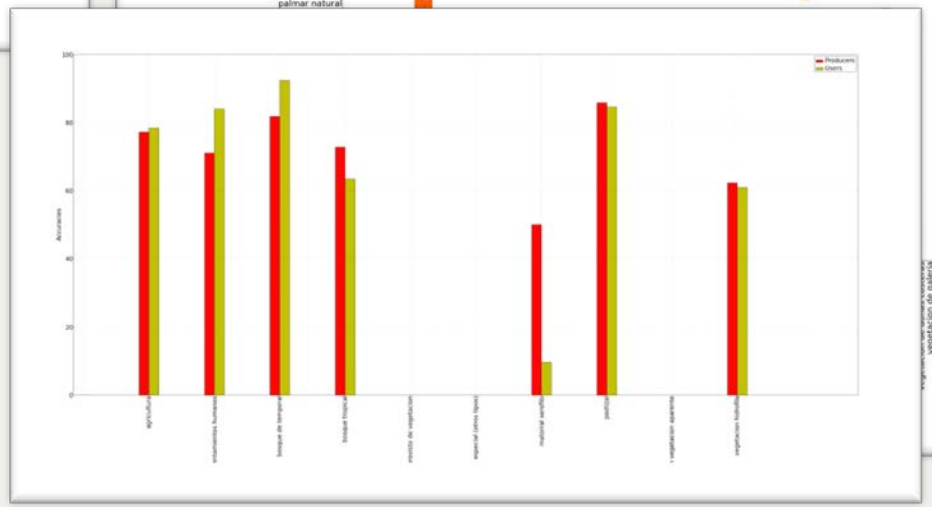
CONABIO

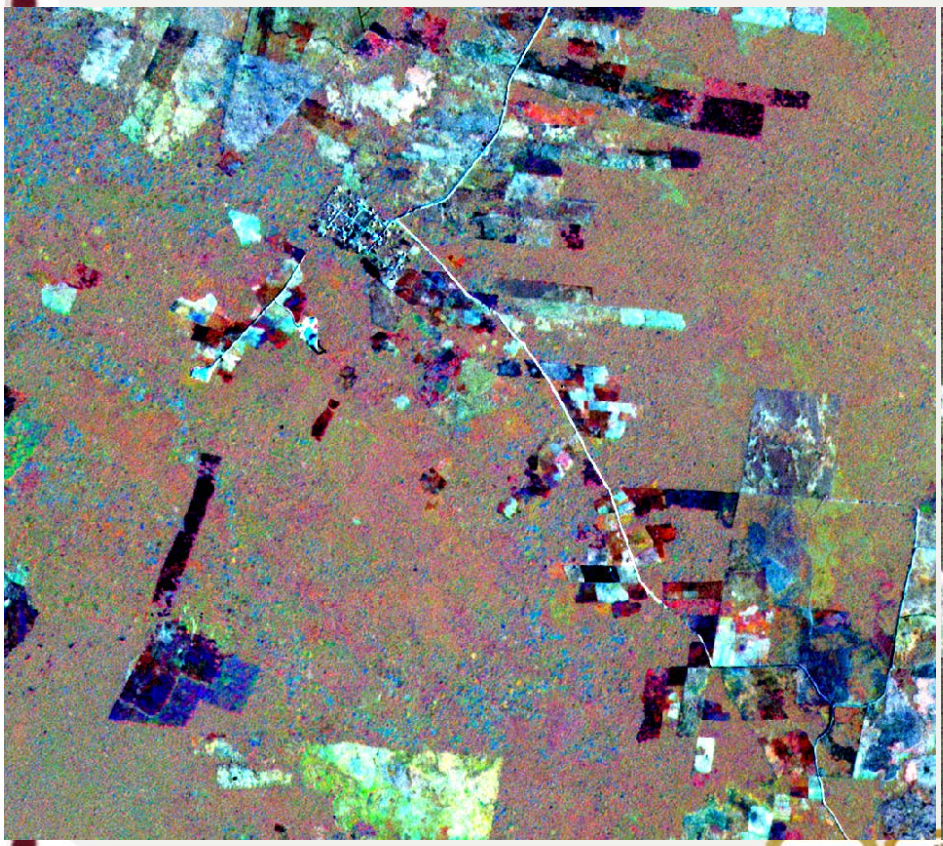
Validation and calibration









Change Detection

Change Detection