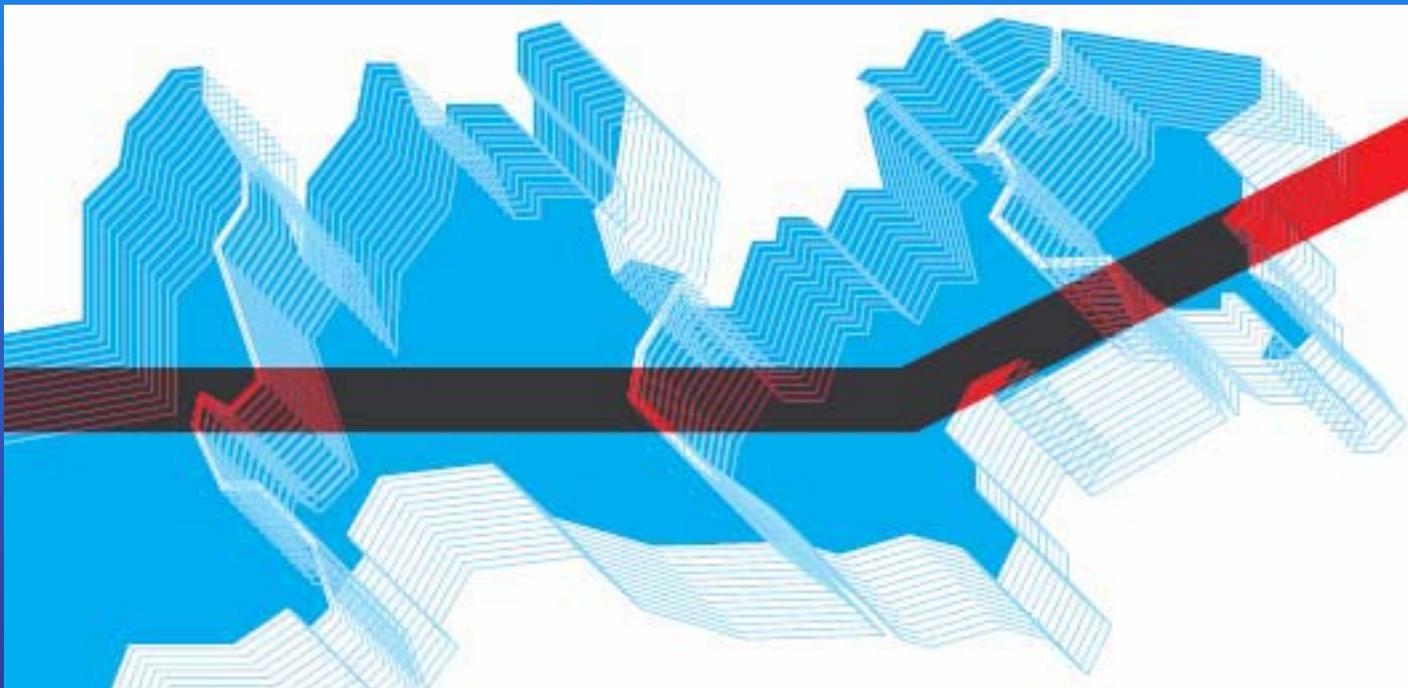




PADOVA - 27 febbraio 2009 - ore 9,30  
Sala Lino Paladini, Palazzo Moroni Via del Municipio, 1 Padova



# STRUMENTI PER IL GOVERNO DEL TERRITORIO NEL CORRIDOIO PADANO



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La gestione del territorio passa anche attraverso una rigorosa rappresentazione delle aree di interesse e dei fenomeni che agiscono su di essa.

## TELERILEVAMENTO

Di seguito una veloce rassegna di alcune tipologie di dati acquisiti da piattaforme satellitari e/o aeree:

LANDSAT Multispettrale per la valutazione dell'incremento delle aree edificate

IKONOS per la visualizzazione ad alta risoluzione di aree urbane

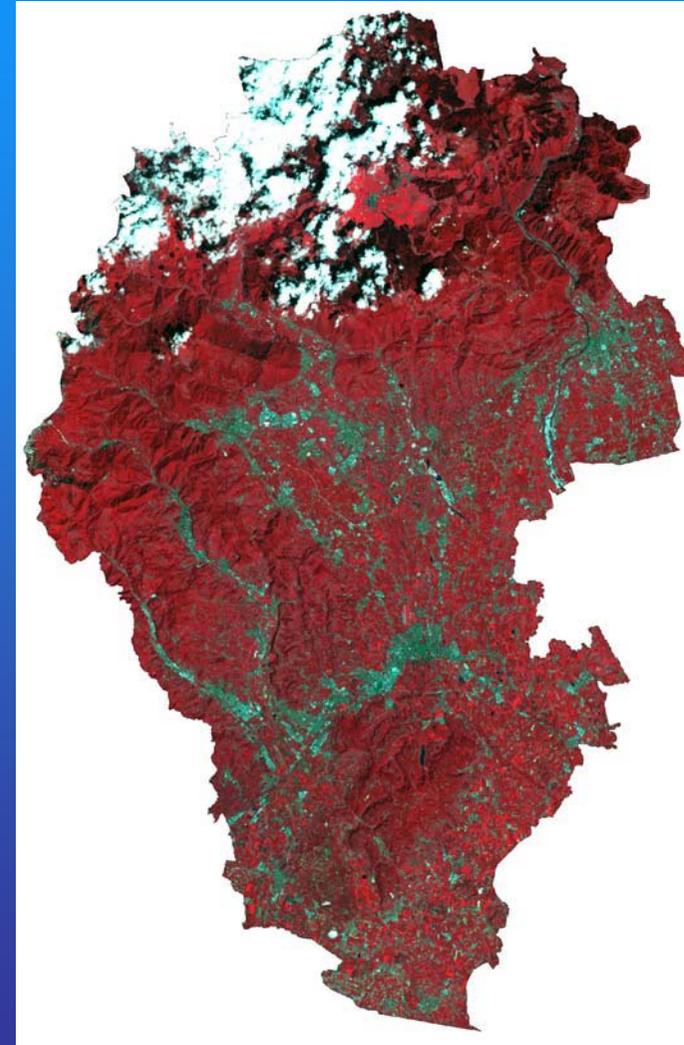
ORTOFOTO per lo studio multitemporale di aree urbane

LIDAR per la valutazione tridimensionale di aree urbane



# IMMAGINI LANDSAT ETM+ 03 agosto 2002

Esempi di combinazioni di bande



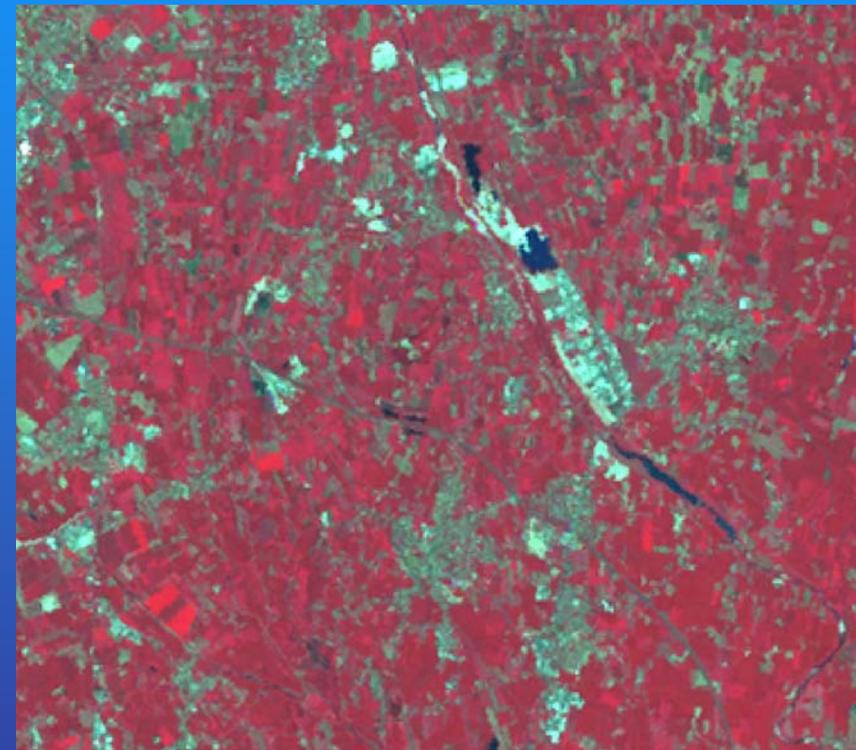


# IMMAGINI LANDSAT

Esempio di combinazioni di bande



RGB 7,4,2



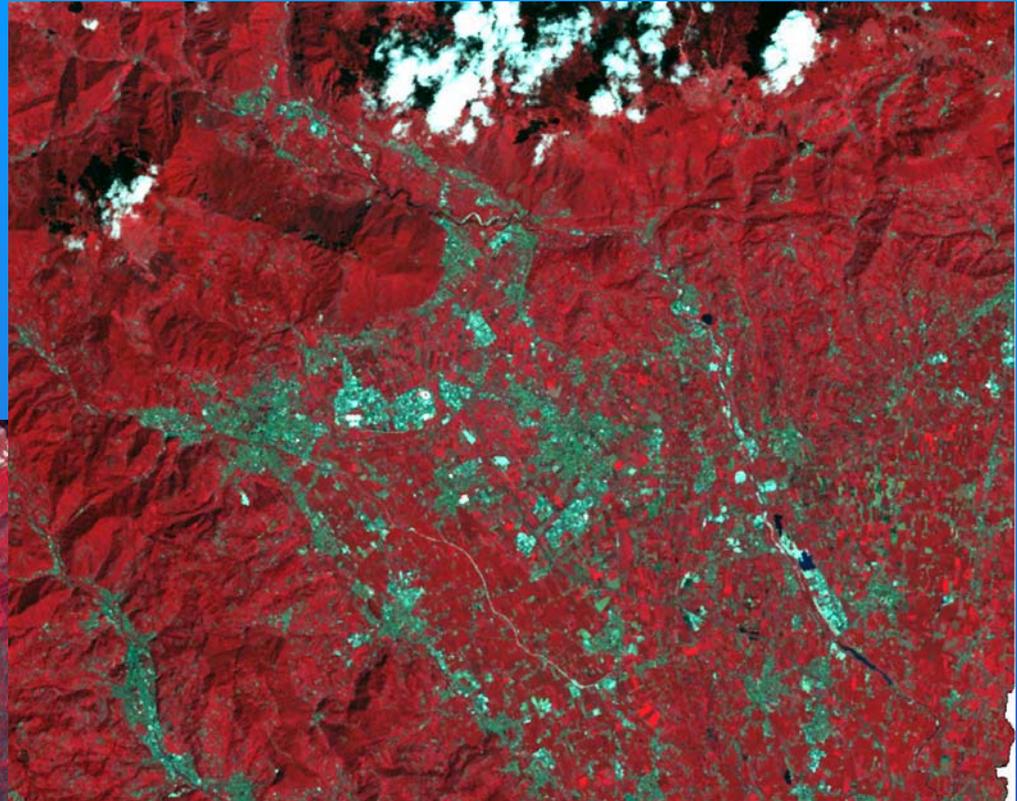
RGB 4,3,2



# IMMAGINI LANDASAT

Particolare RGB 4,3,2

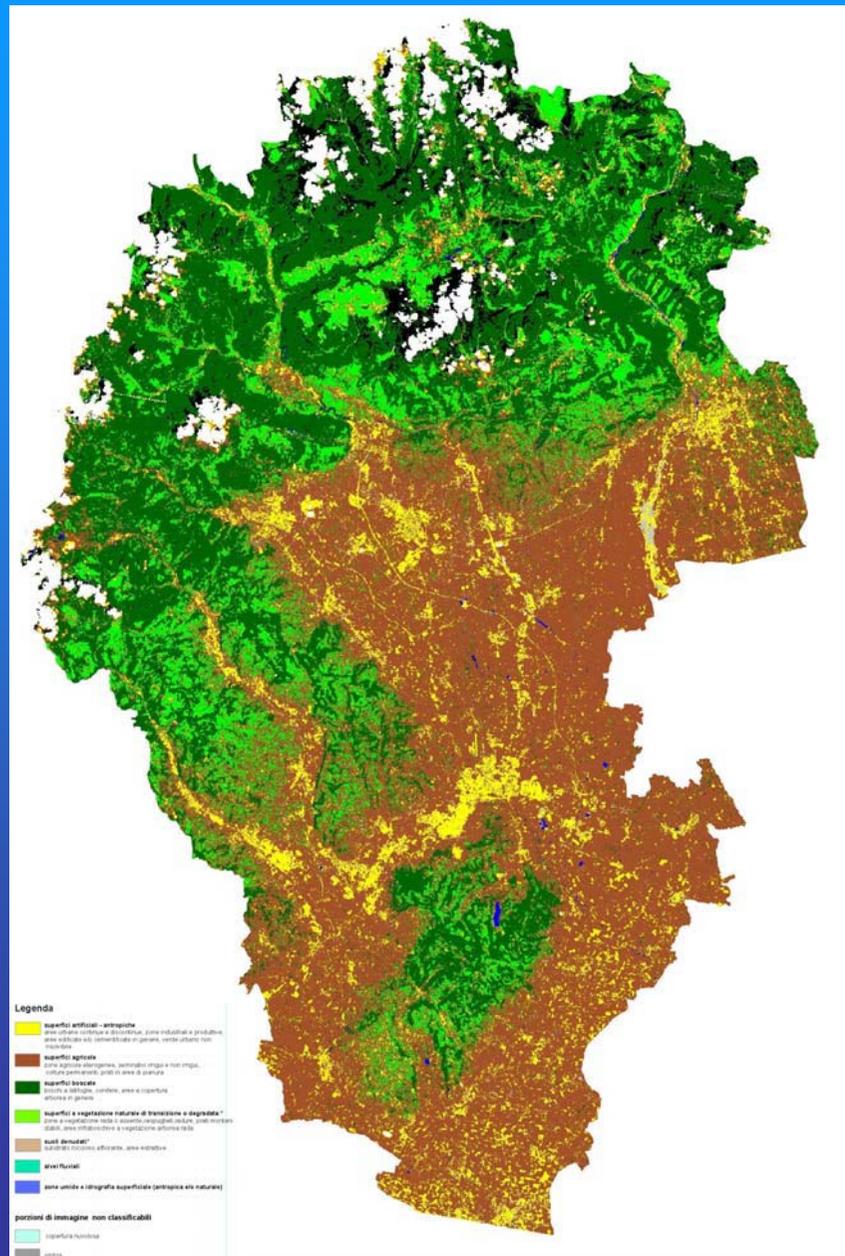
2002



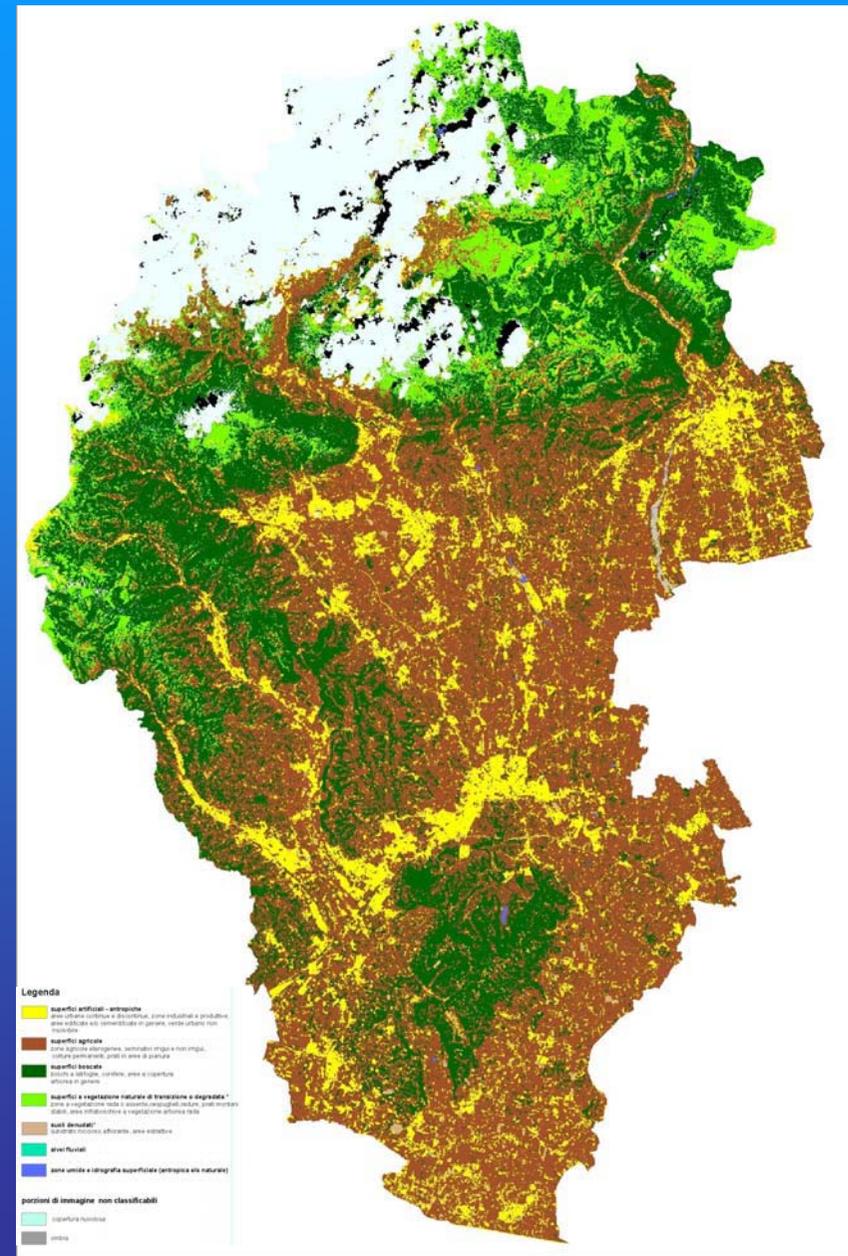
1984



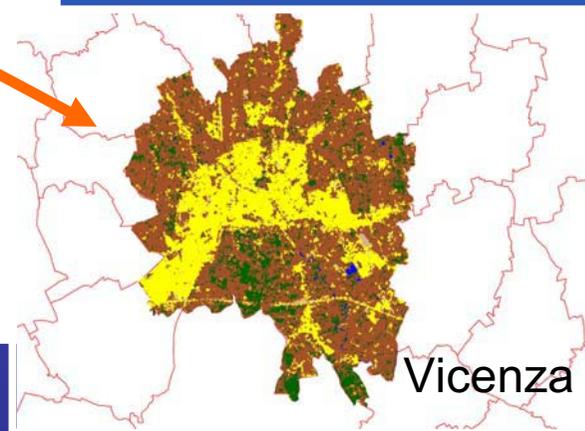
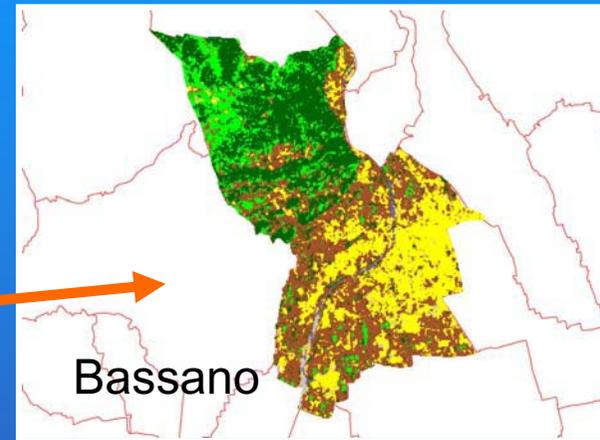
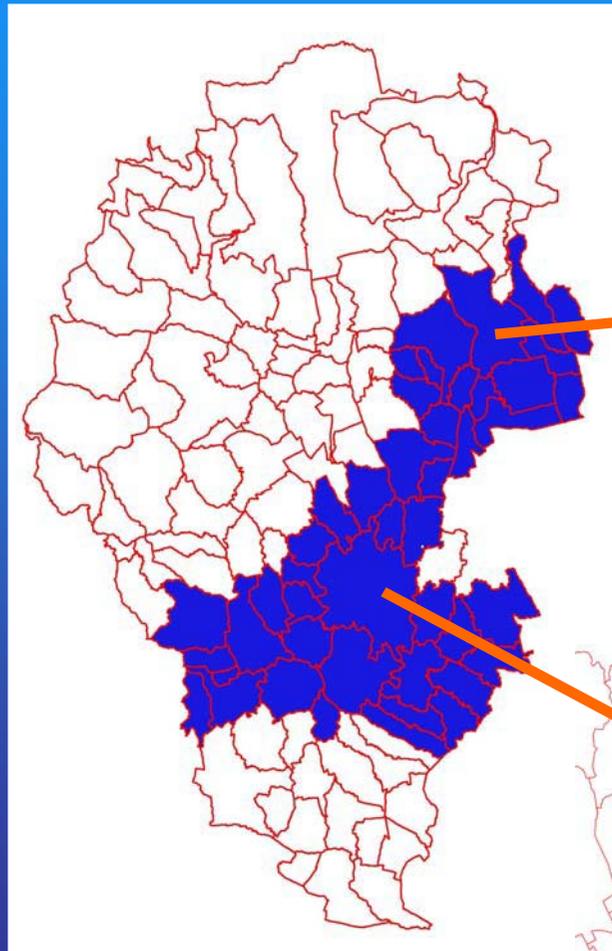
## Classificazione immagine 1984



## Classificazione immagine 2002

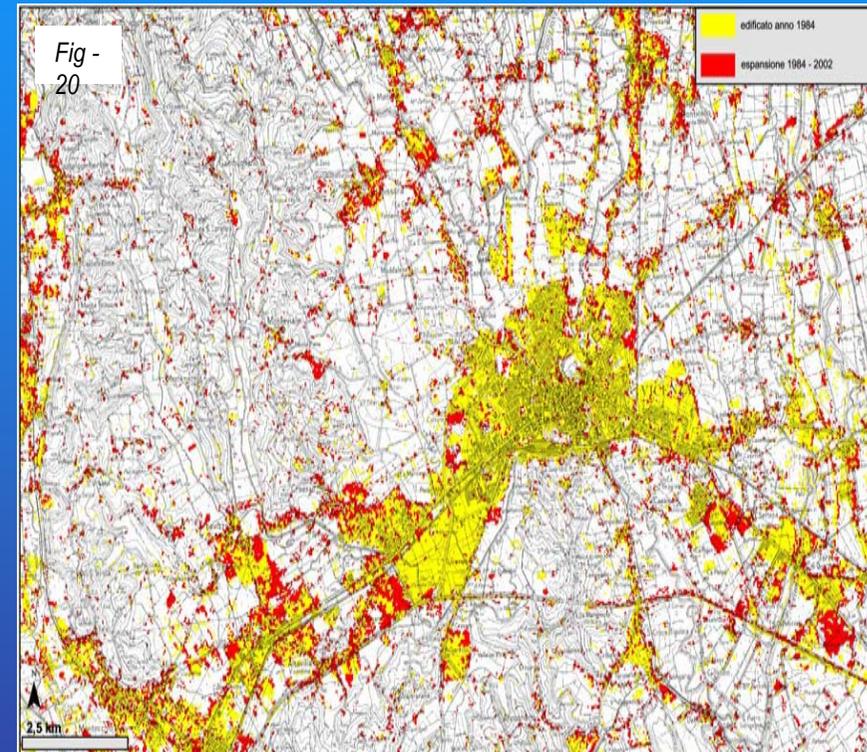
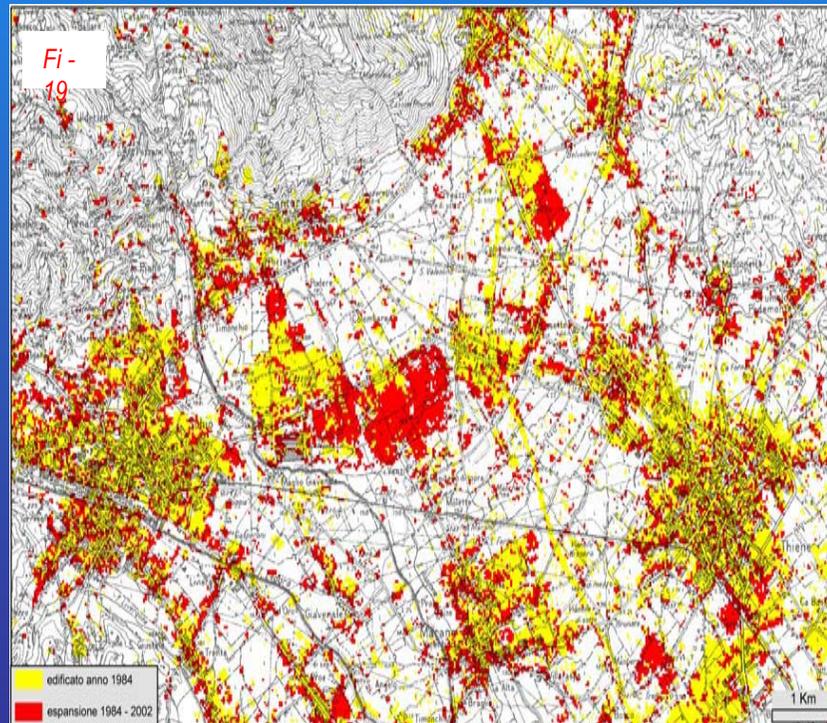


## Affinamento della classificazione su porzioni di territorio con caratteristiche radiometriche omogenee

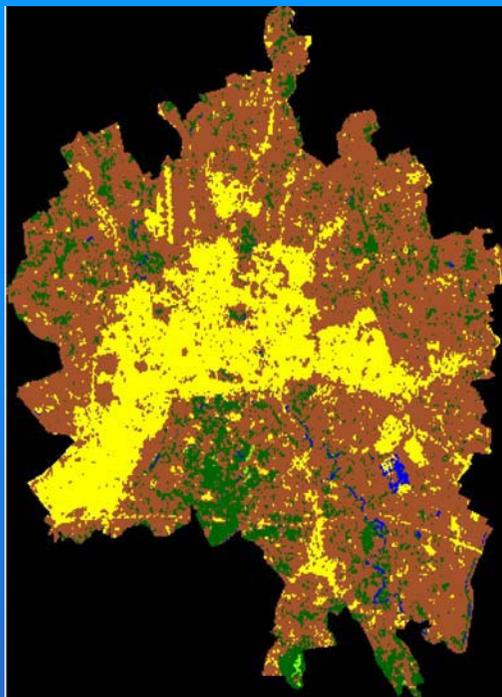




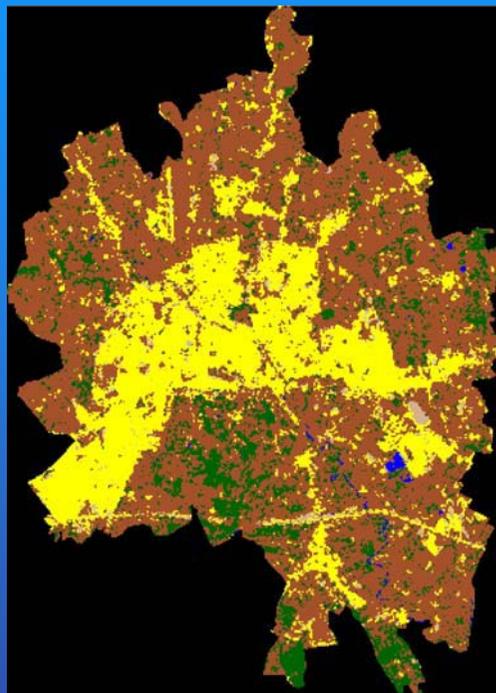
# Mappatura delle aree di incremento Attraverso tecniche di change detections



# Stime sui tassi di espansione urbana nel periodo 1984-2002

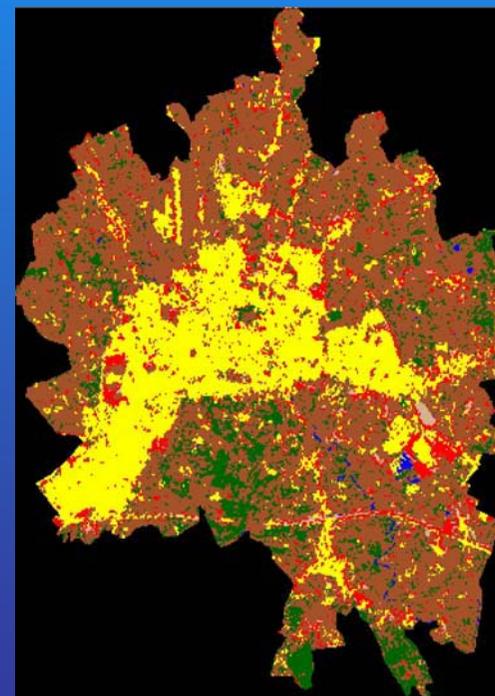


1984



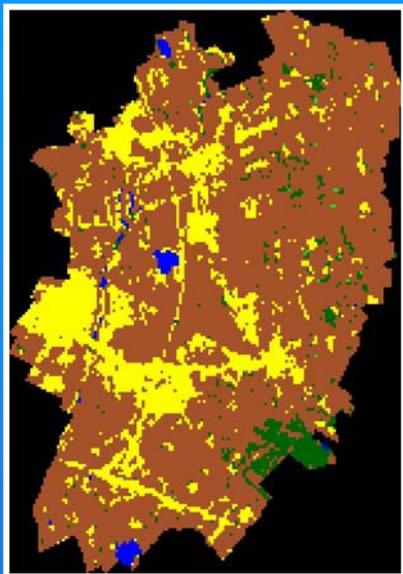
2002

VICENZA

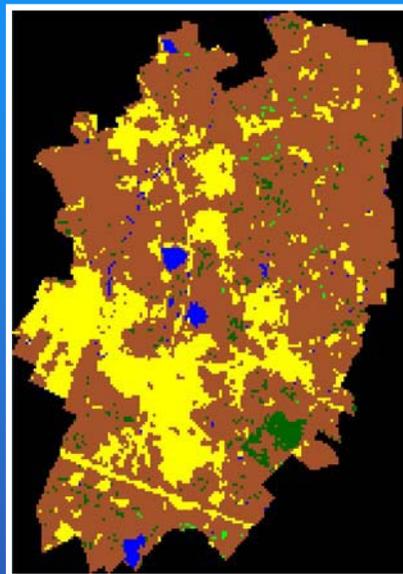


Espansione urbana

## Stime sui tassi di espansione urbana nel periodo 1984-2002

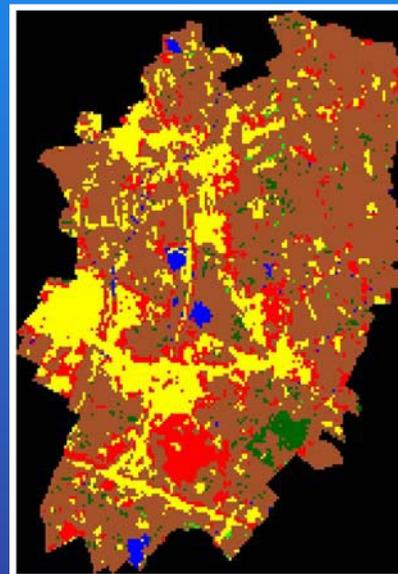


1984



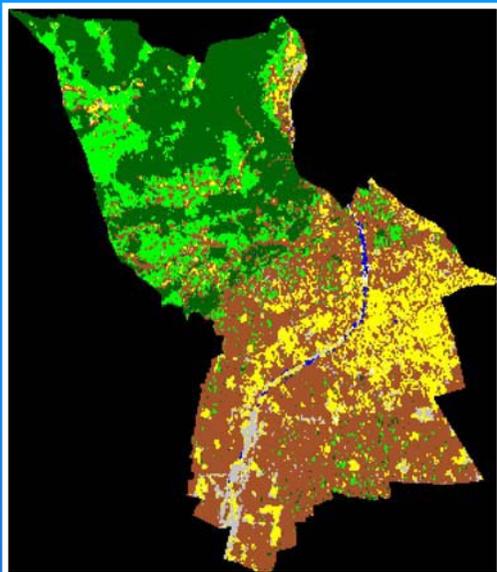
2002

TORRI DI QUARTESOLO

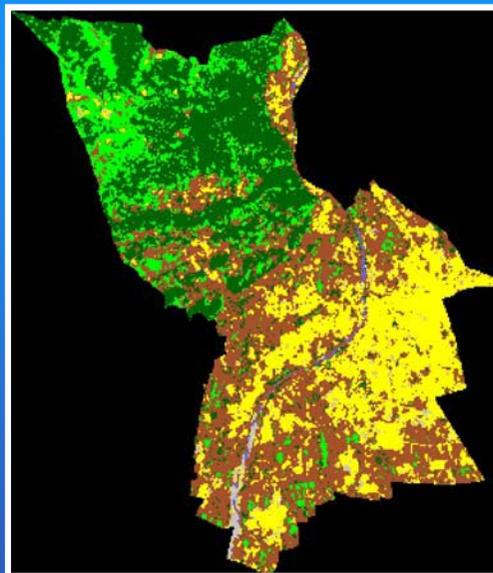


Espansione urbana

# Stime sui tassi di espansione urbana nel periodo 1984-2002

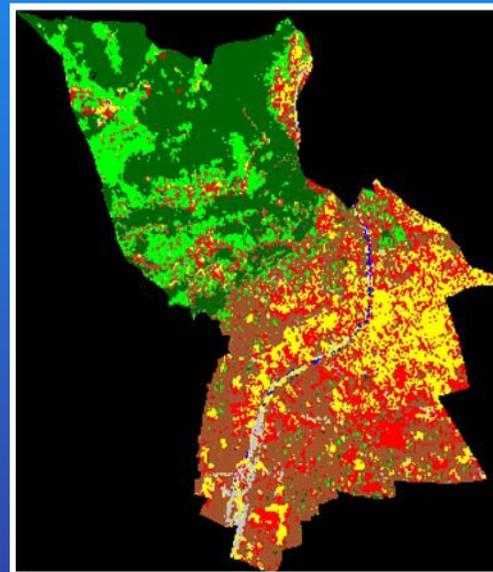


1984



2002

BASSANO



Espansione urbana



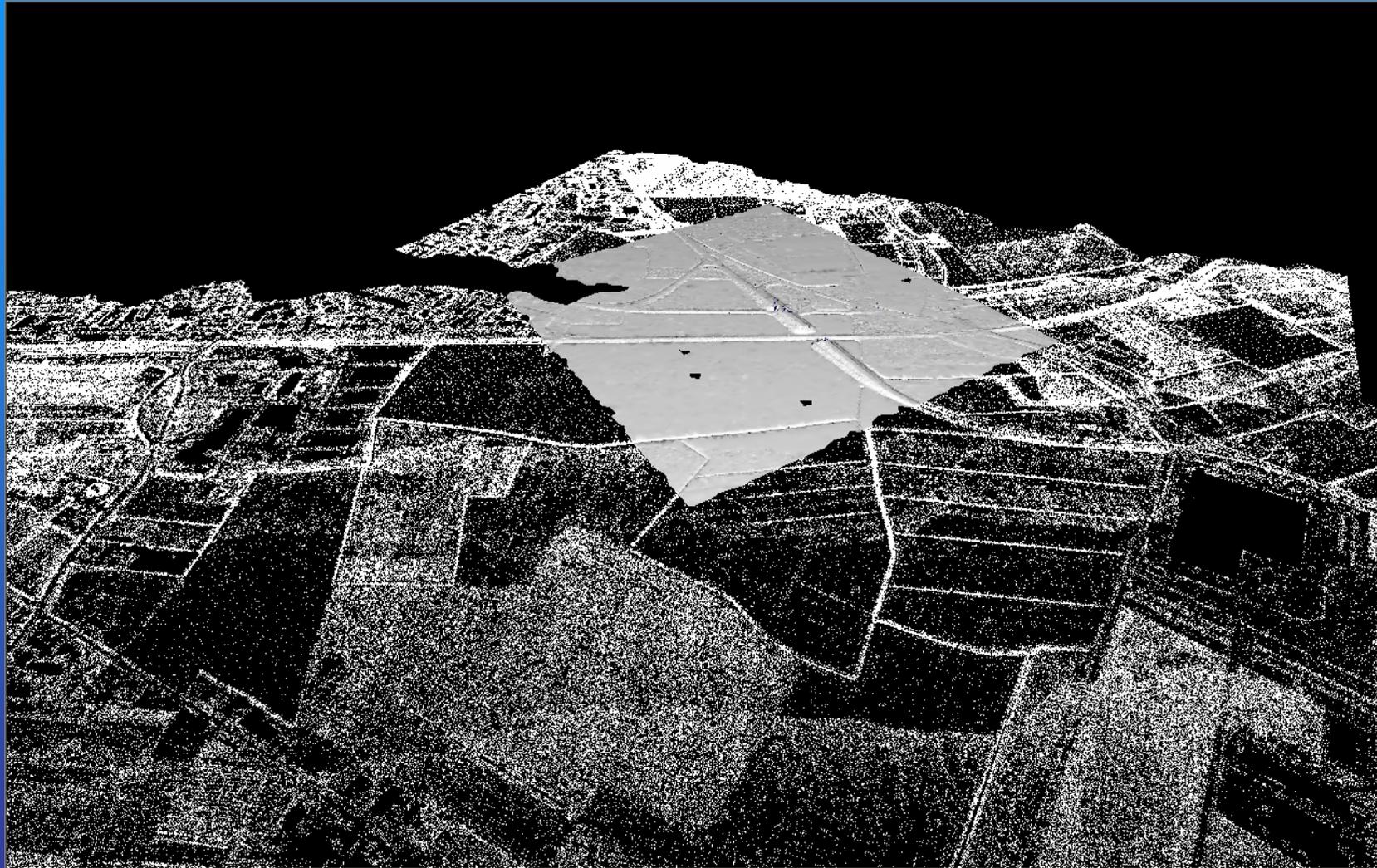
Immagini Ikonos 1m



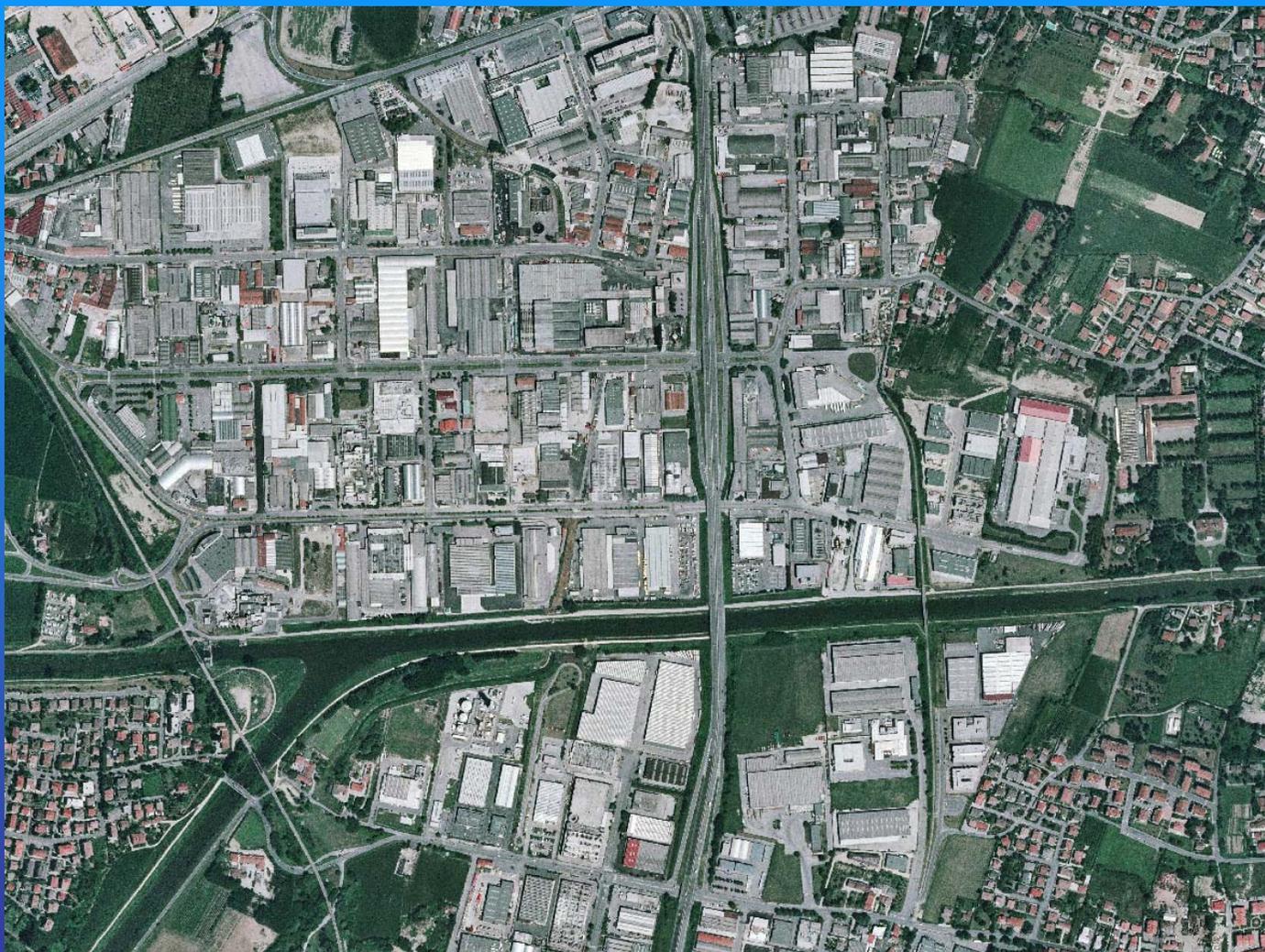
Immagini Ikonos 1m



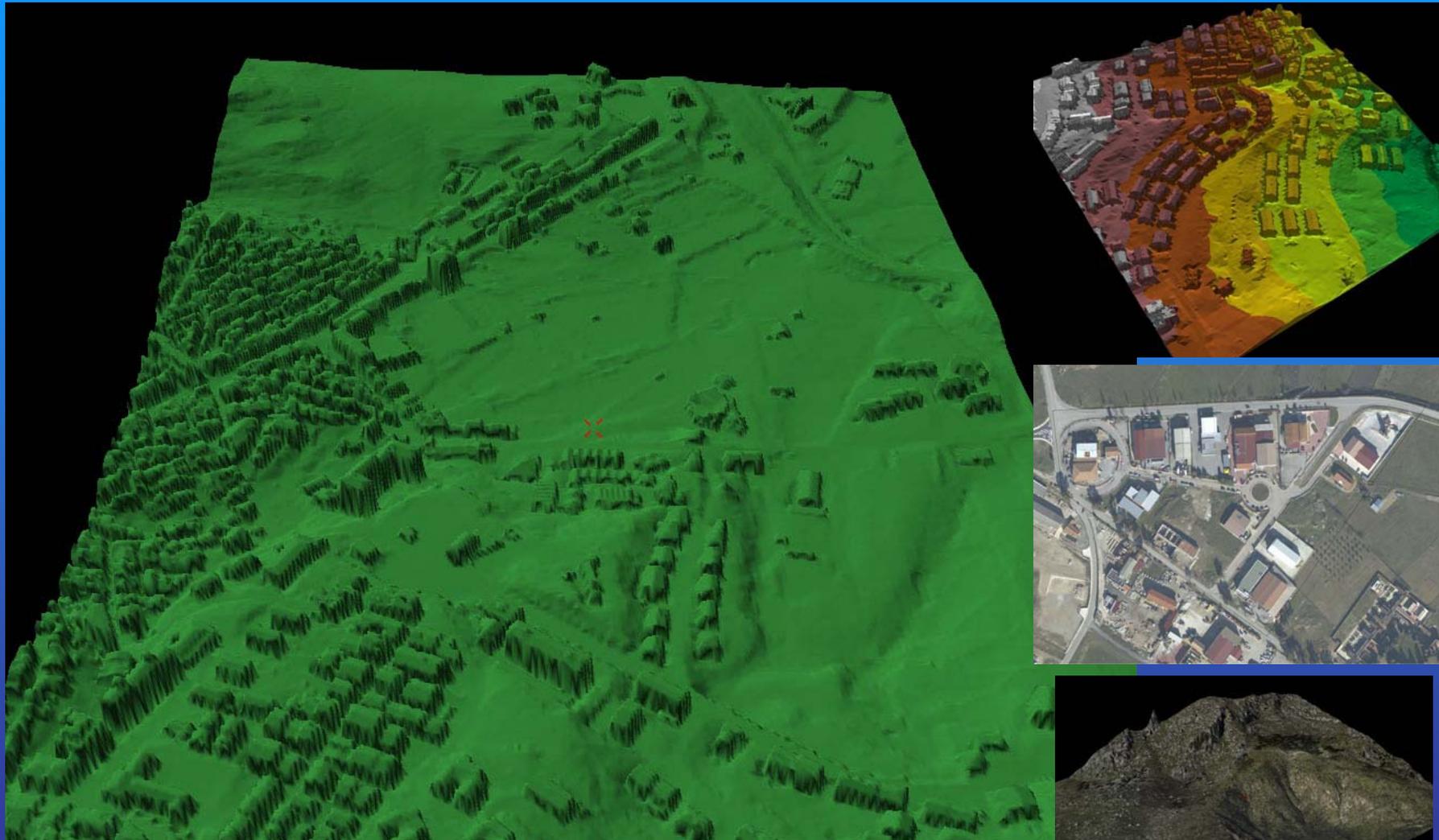
Ortofoto multitemporali



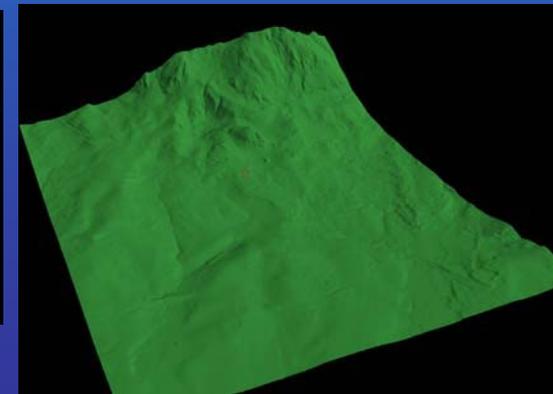
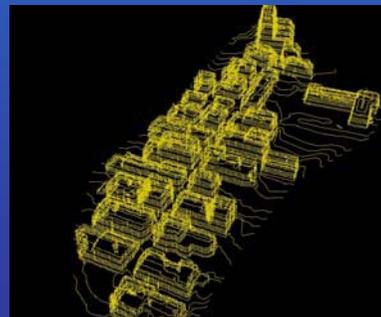
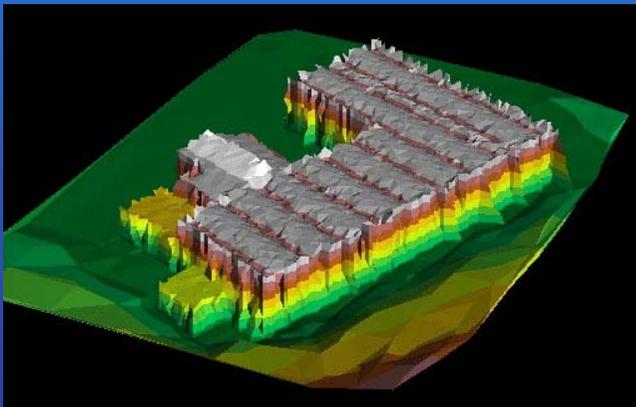
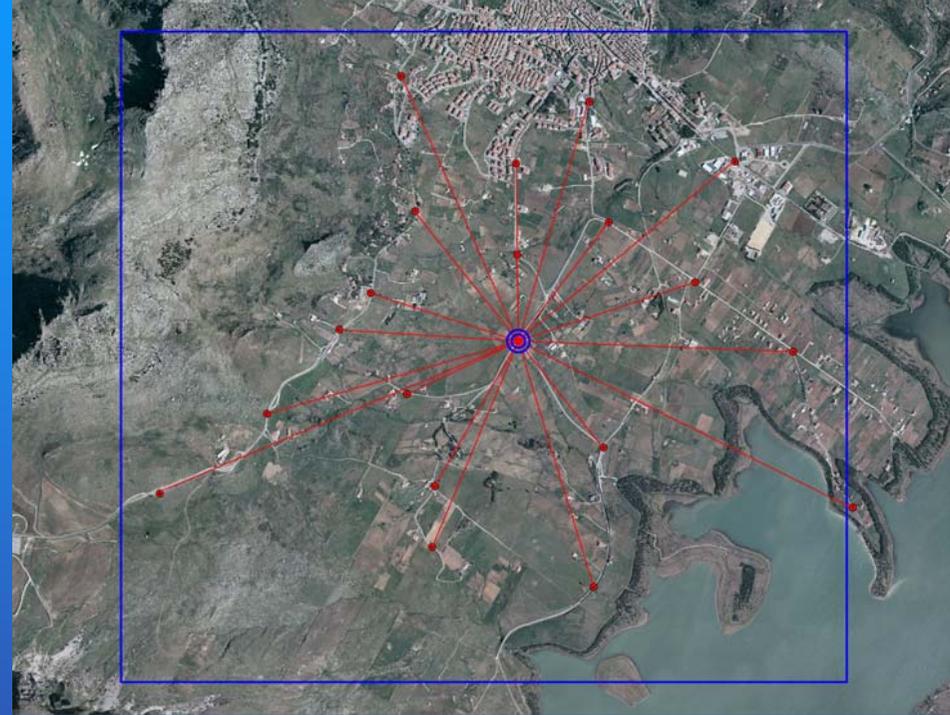
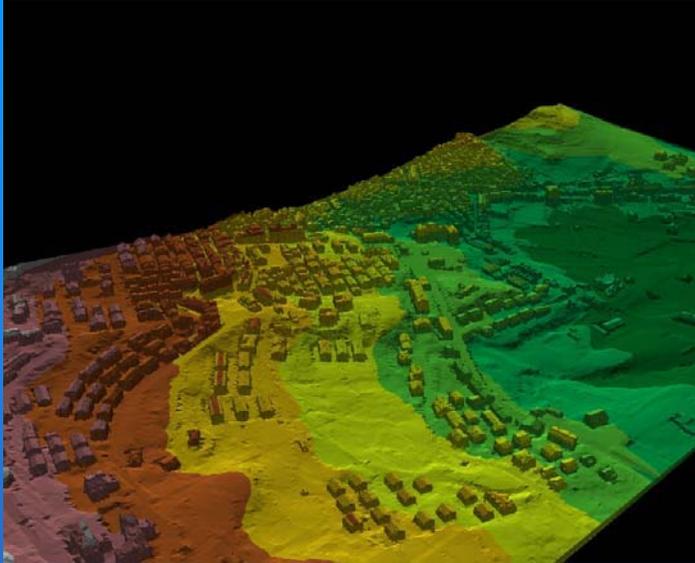
Modelli altimetrici a terra di aree extra-urbane



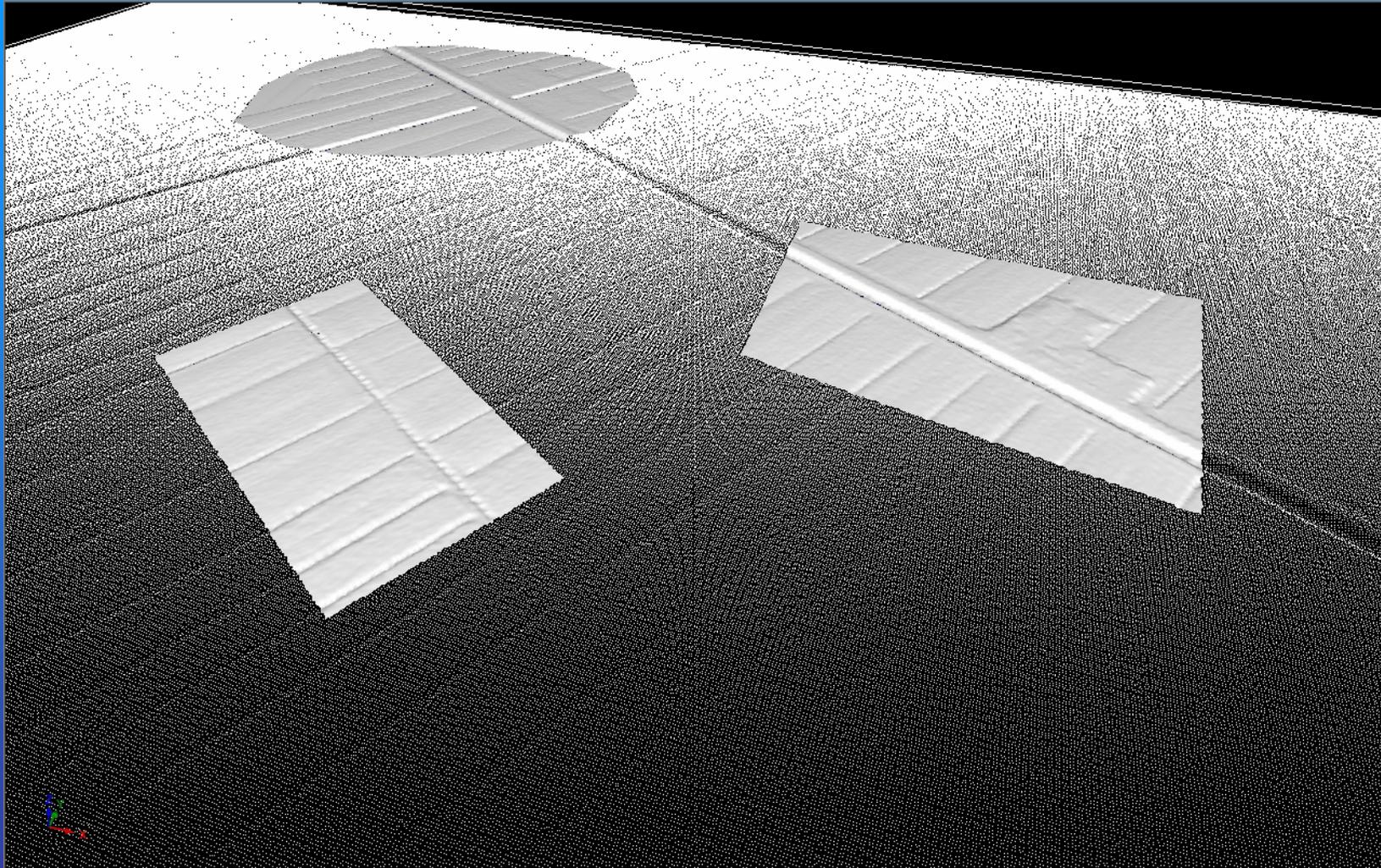
Ortofoto ad alta risoluzione  
aree urbane



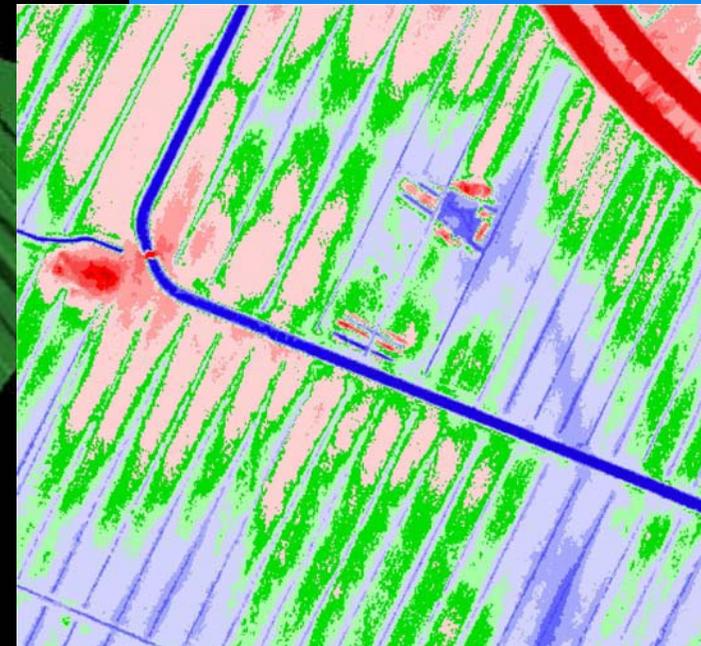
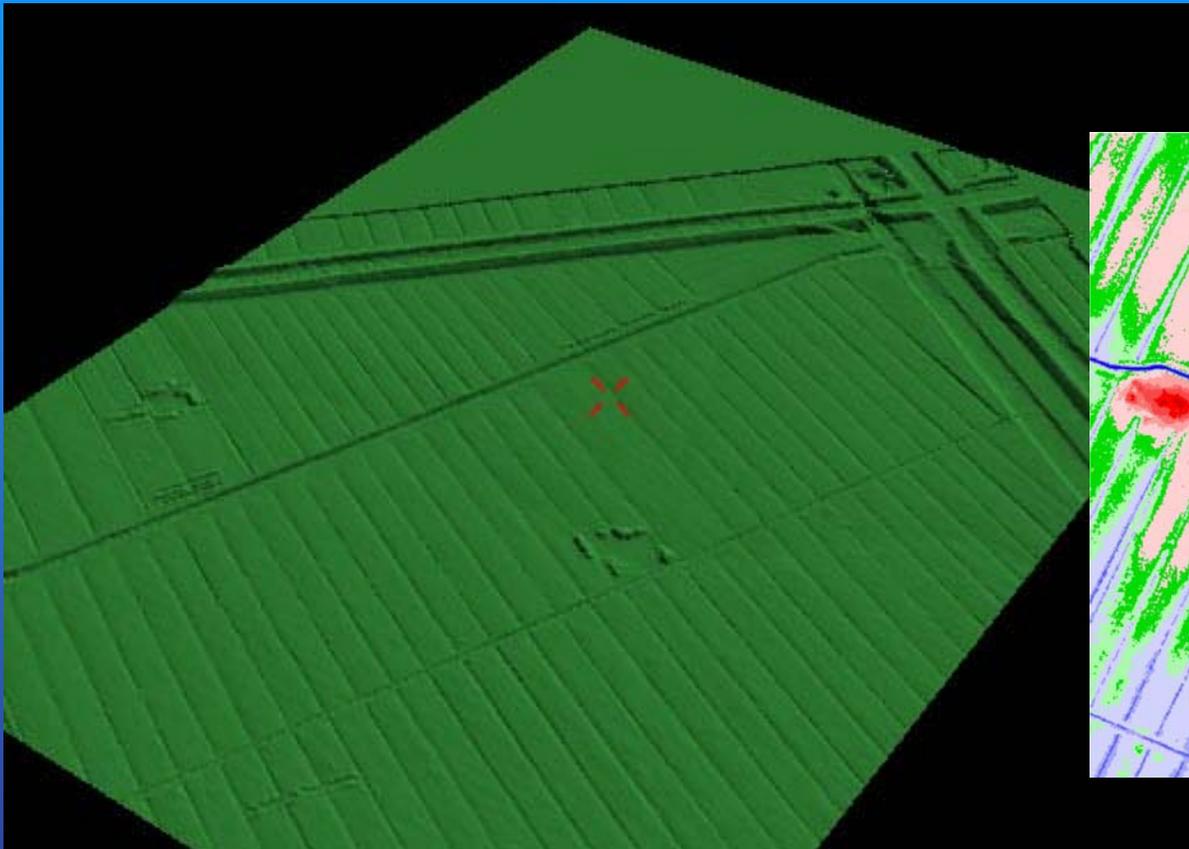
Modelli altimetrici DEM di aree urbane



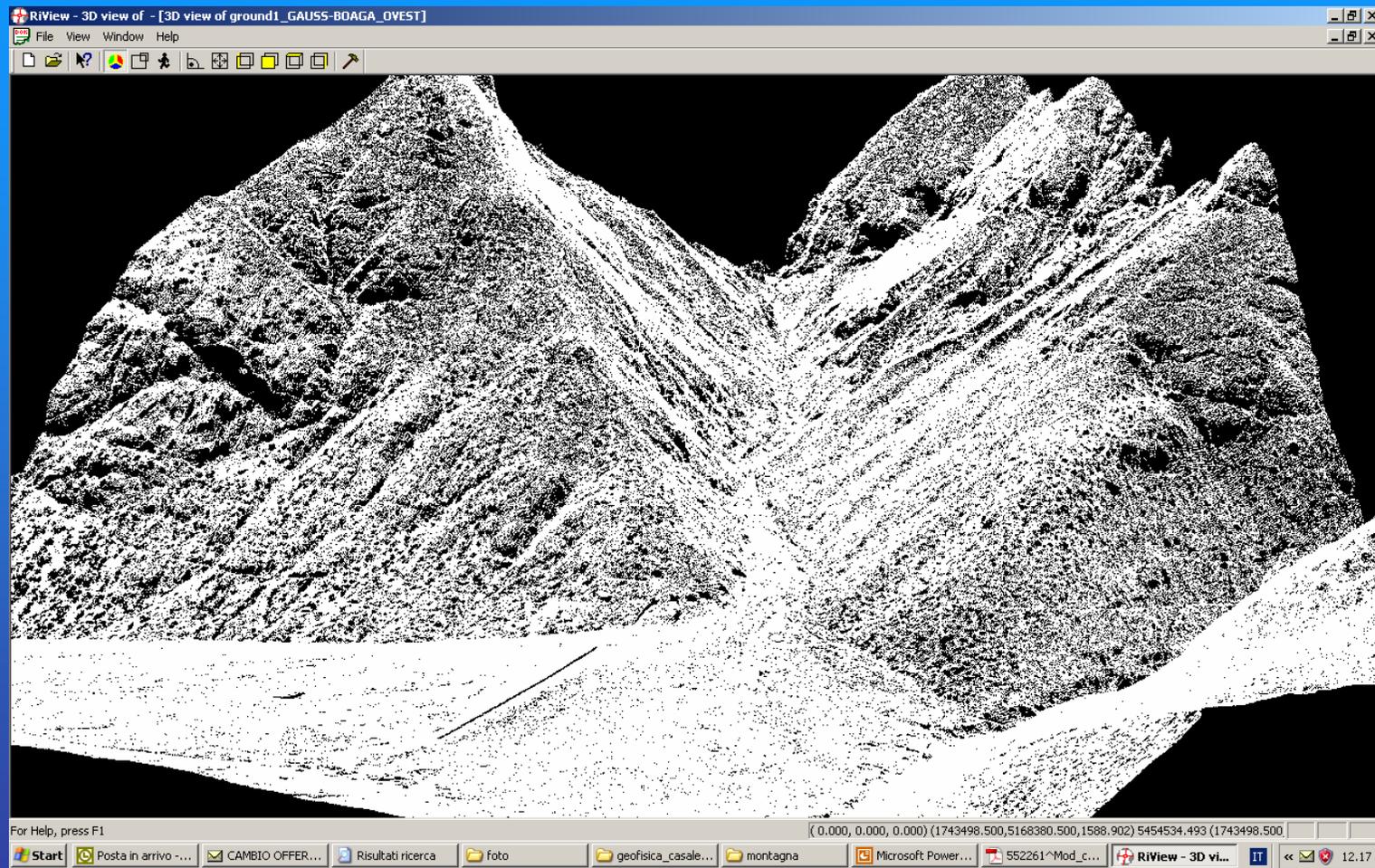
Ricostruzioni 3D edificato



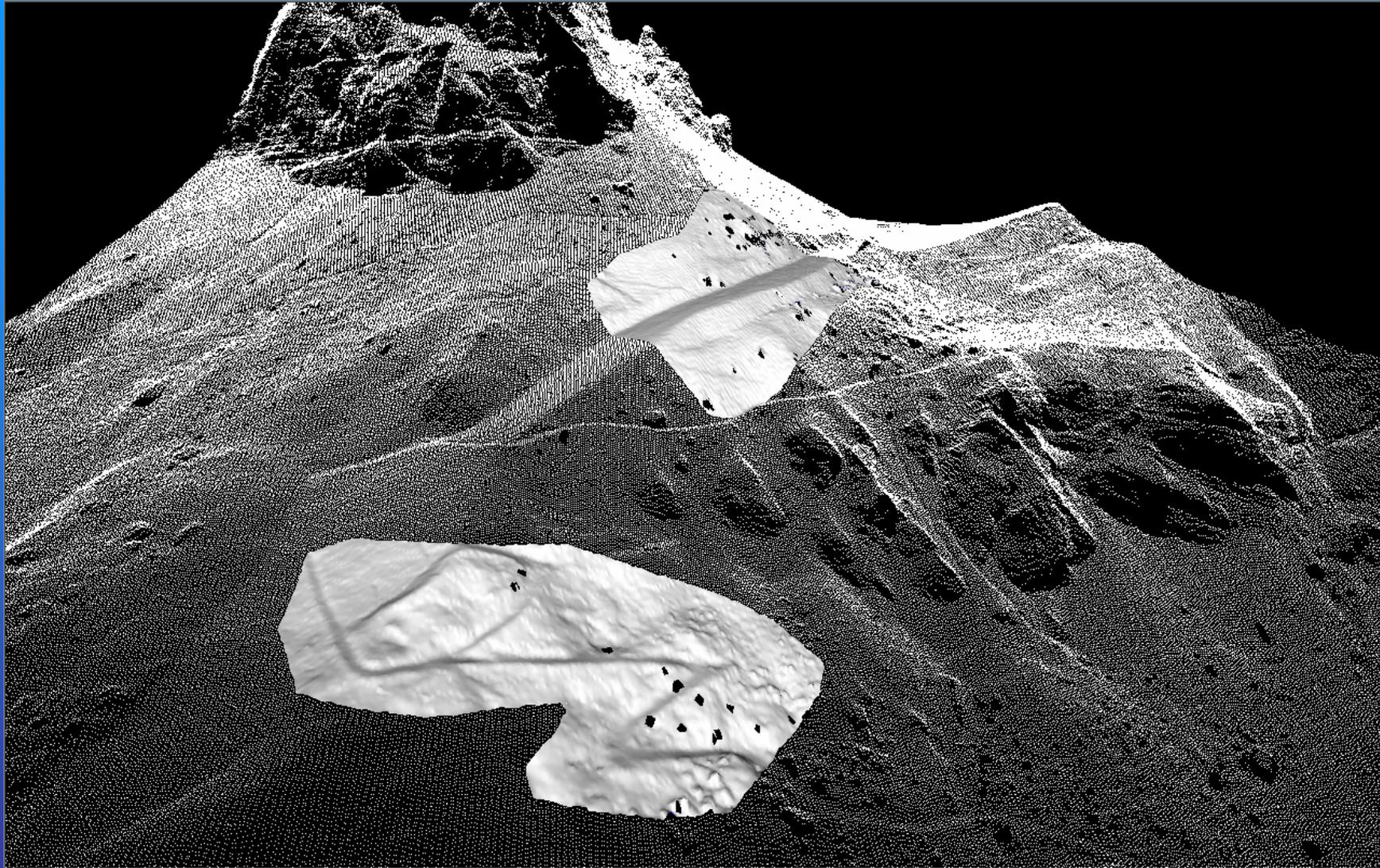
Microrilievo: modelli a punti e triangolazione



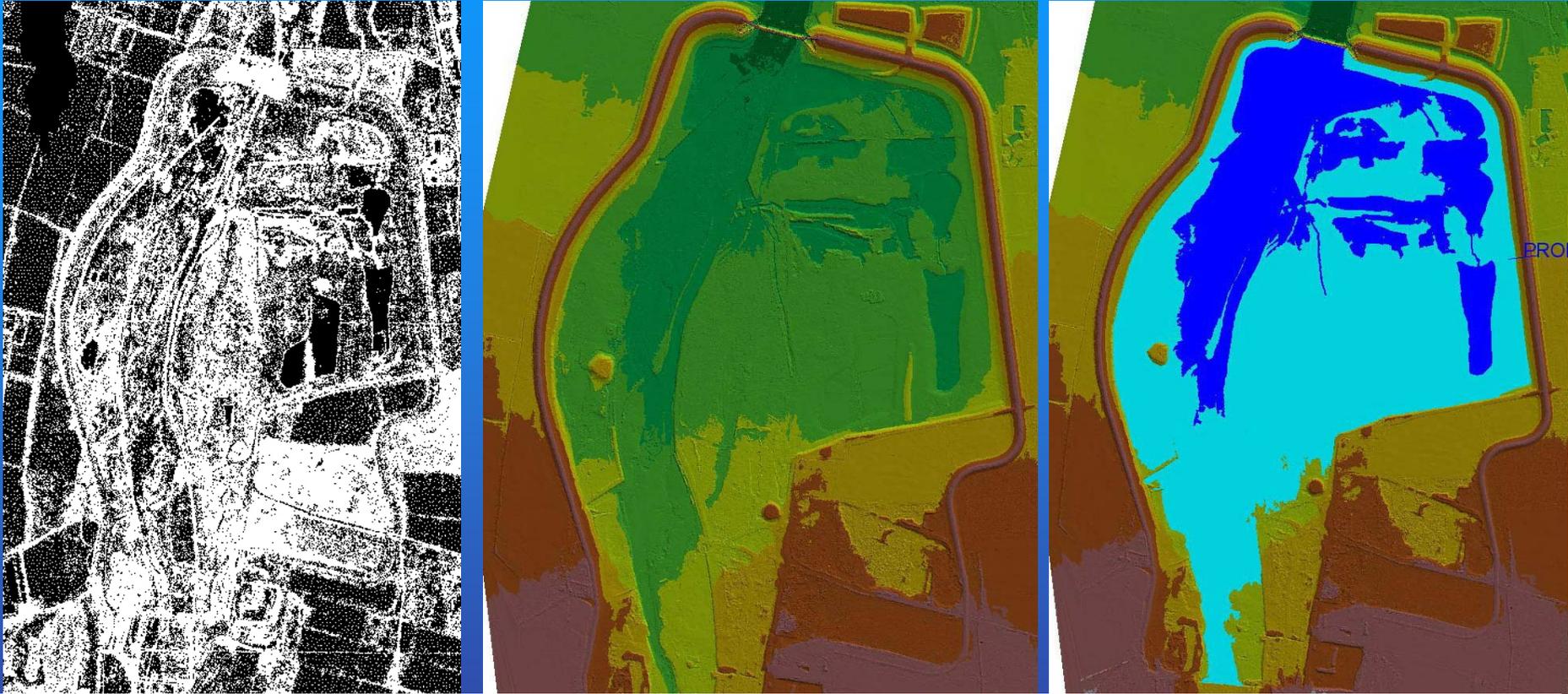
Microrilievo aree di pianura



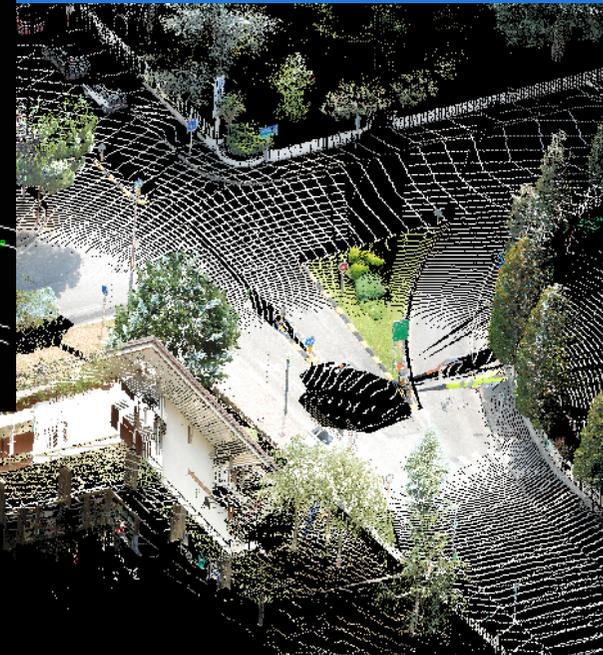
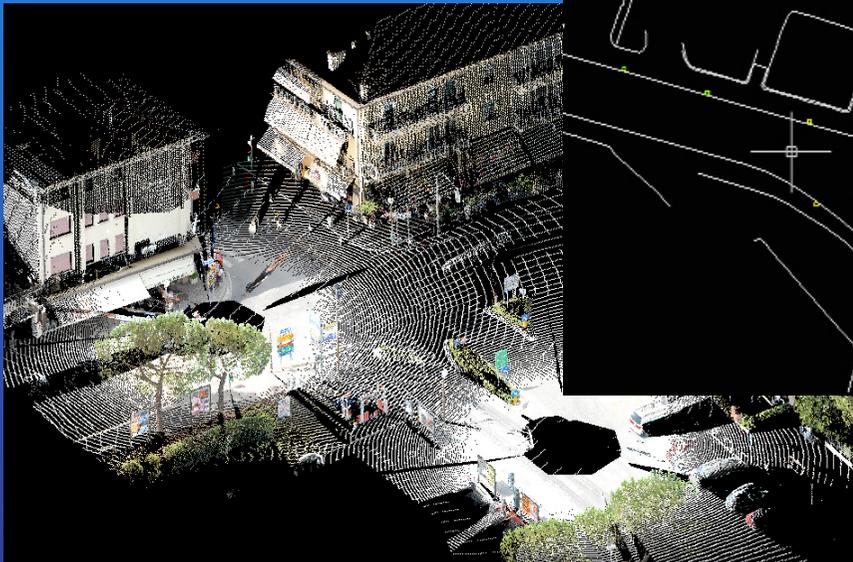
Modelli altimetrici di aree montuose



Modelli altimetrici di aree montuose



Modelli numerici di invasi e simulazioni



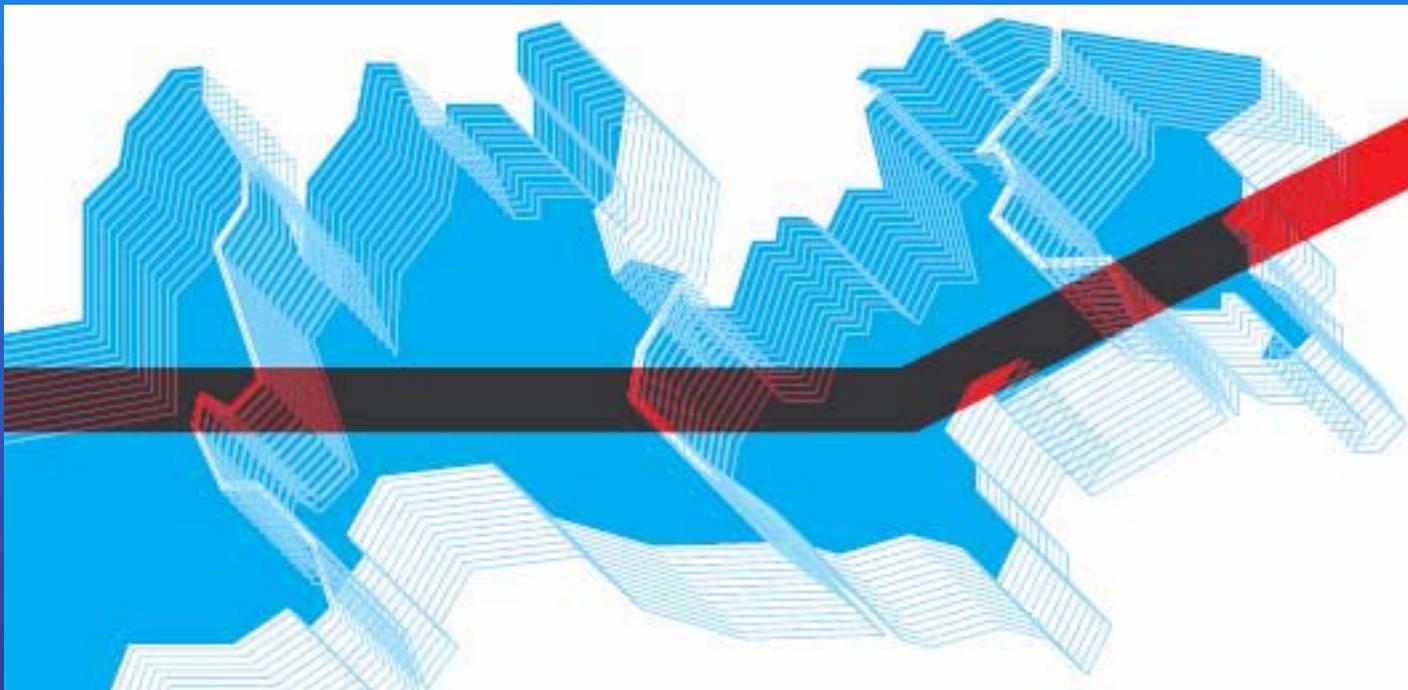
Ricostruzioni 3D di aree urbane.  
Classificazione e vettorizzazione



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