

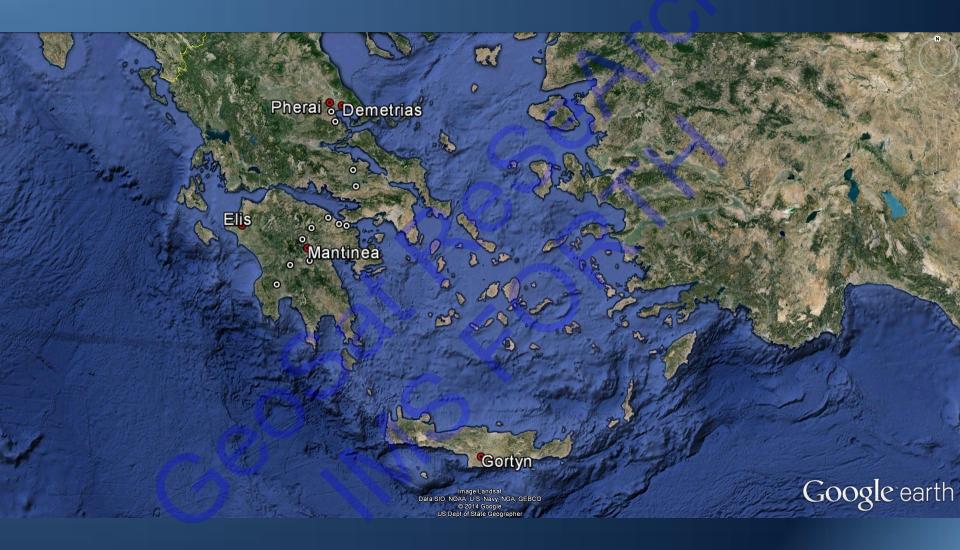


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550 - 450 BCE	Foundation
420 BCE	Earliest reference to city (Thuc. 5.47.12)
385 - 370 BCE	Spartan destruction, depopulation (dioikismos)
370 BCE	Refoundation (synoikismos)
222 BC	Macedonian destruction; renamed Antigoneia
early 2nd CE	Roman <i>floruit</i> , Hadrian renames city Mantinea
post-Roman	Byzantine and Ottoman occupation?
1887-89	French School excavations







Mantinée et l'Arcadie Orientale (Fougères 1898)

Calerie couverte d Epigone







4 km circumference

119 hectare urban area





Quickbird 9/13/2003

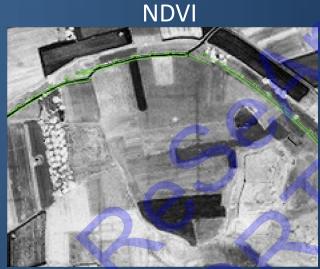


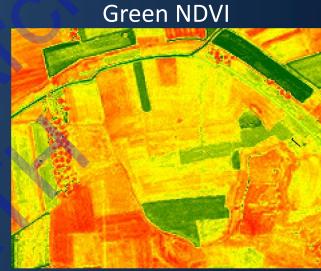
Quickbird 6/10/2009



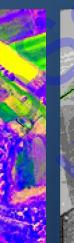


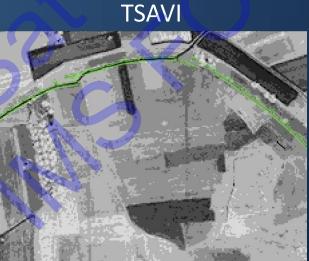
True Color





Tasseled Cap

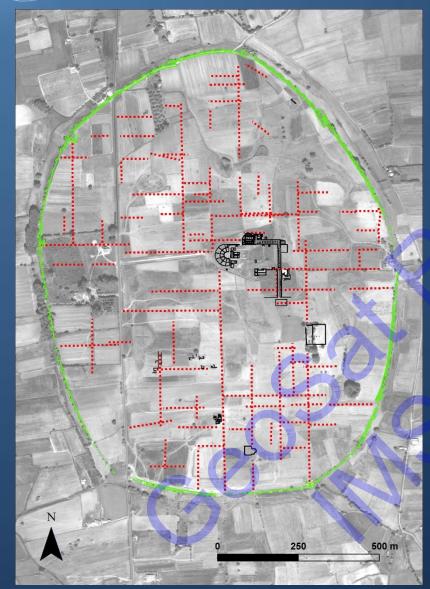


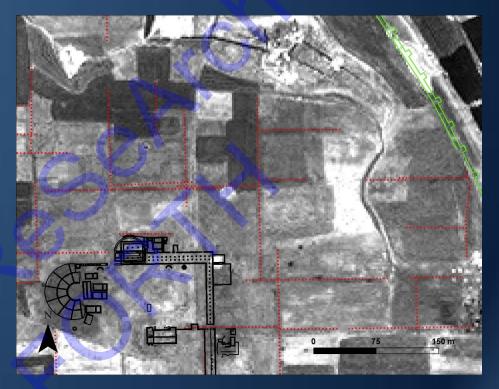












Quickbird 6/3/2012 MSAVI



400 m

688 m

Quickbird 9/13/2003

Green NDVI





Quickbird 6/3/2012

IR/R





60 m spacing E-W streets

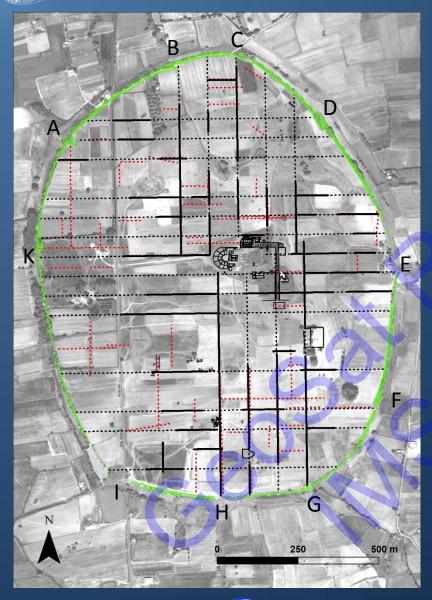
89 m spacing N-S streets

Solid black lines = streets (confirmed)

Dotted black lines = streets (unconfirmed)

Streets link the city gates (A-K) with the central agora





60 m spacing E-W streets

89 m spacing N-S streets

Solid black lines = streets (confirmed)

Dotted black lines = streets (unconfirmed)

Streets link the city gates (A-K) with the central agora

Some anomalies (in red) do not conform to the system



Magnetics Resistivity EM







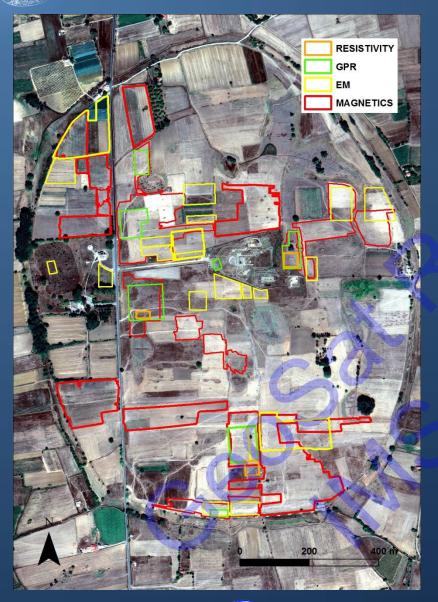
GPR ERT











2014 Fieldwork (11 days in May and Nov.)

40 ha total coverage

3.5 ha/day

31 ha total coverage w/o overlap

25 more days for complete coverage



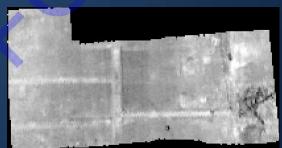
SENSYS Magnetometer MX

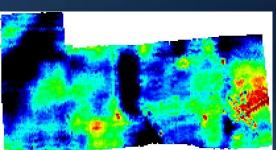




Geophex GEM-2 EM







susceptibility

conductivity

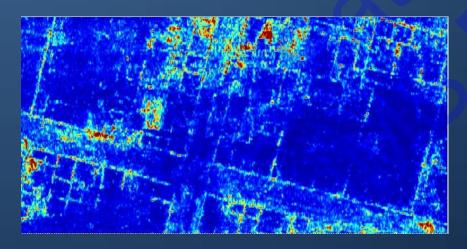


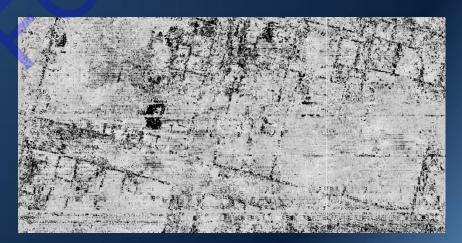
Sensors and Software NOGGIN GPR



MALÅ GPR

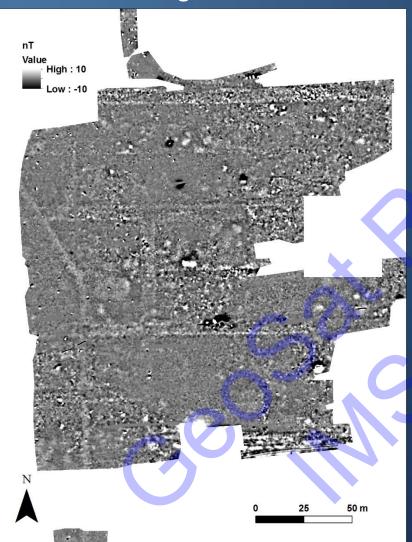




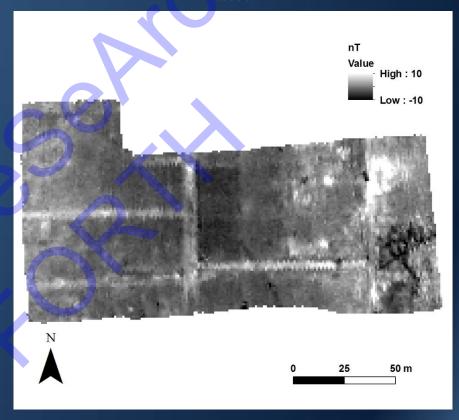




Magnetics



EM



The Urban Plan of Mantinea in the Peloponnese:

An Integrated Geophysical and Satellite Remote Sensing Fieldwork Campaign

NW street system







FORTH
Institute for Mediterranean Studies

The Urban Plan of Mantinea in the Peloponnese:

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NW street system

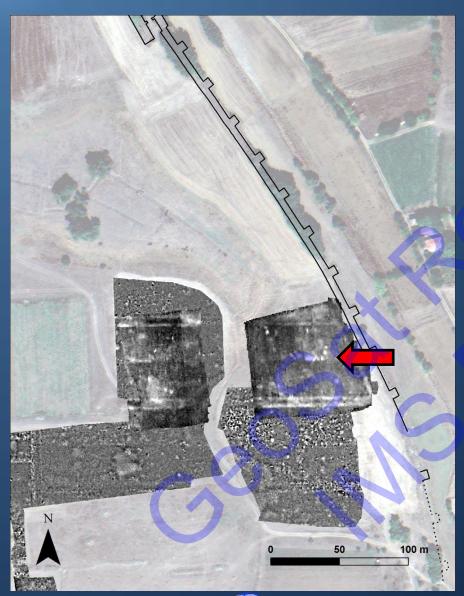










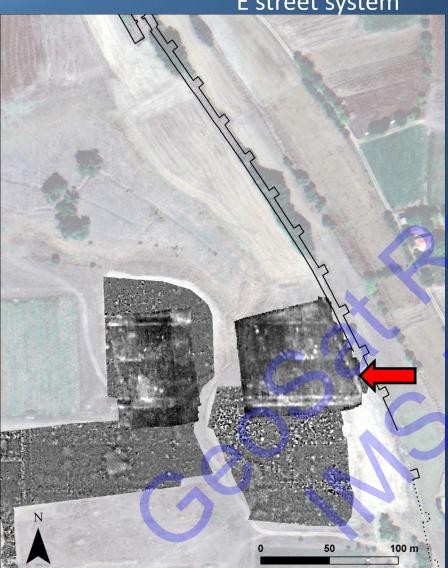


E street system
Small alleyways between streets

The Urban Plan of Mantinea in the Peloponnese:

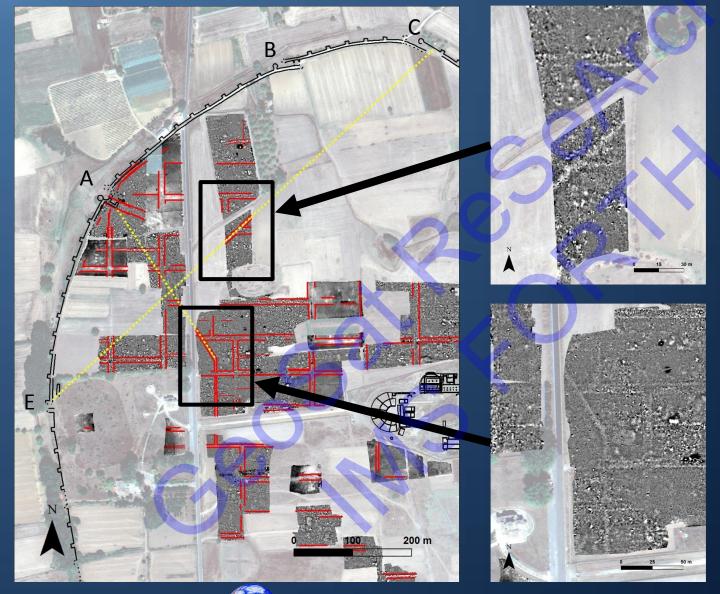
An Integrated Geophysical and Satellite Remote Sensing Fieldwork Campaign

E street system



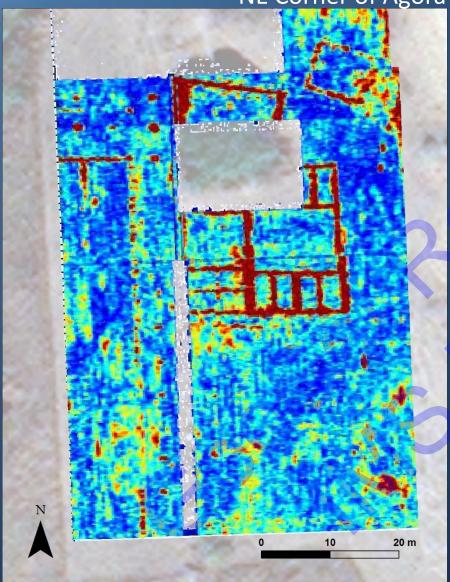


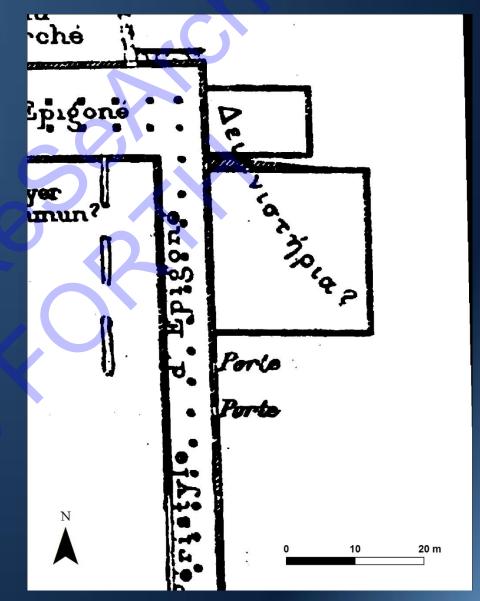


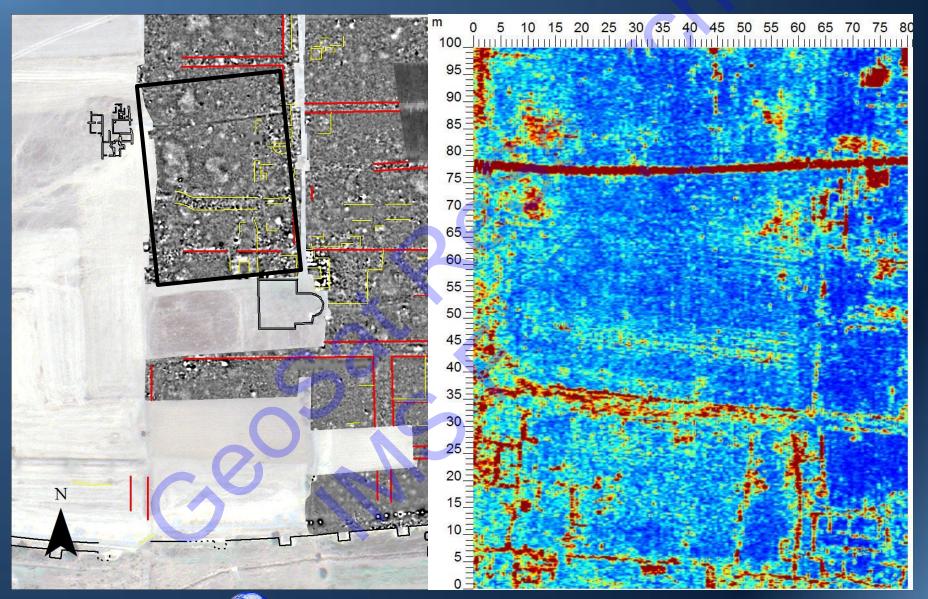




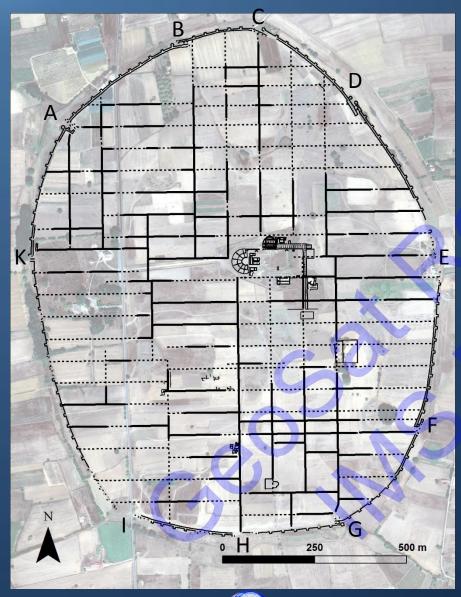
NE Corner of Agora











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Dotted black lines = streets (unconfirmed)

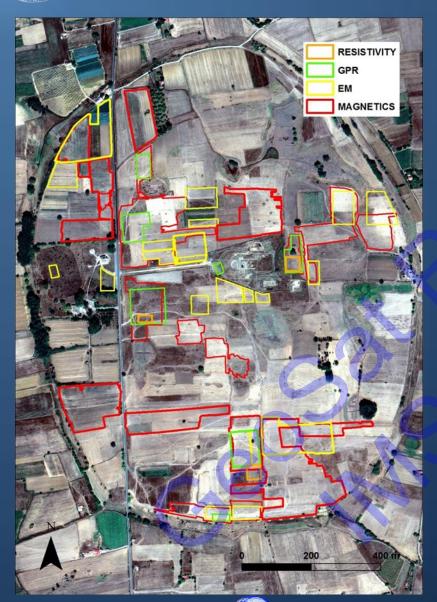


Planned Settlements in the Peloponnese











Rhodes from Haus und Stadt im klassischen Griechenland (1994)



Acknowledgements:





For further information, see politeia.ims.forth.gr/

