

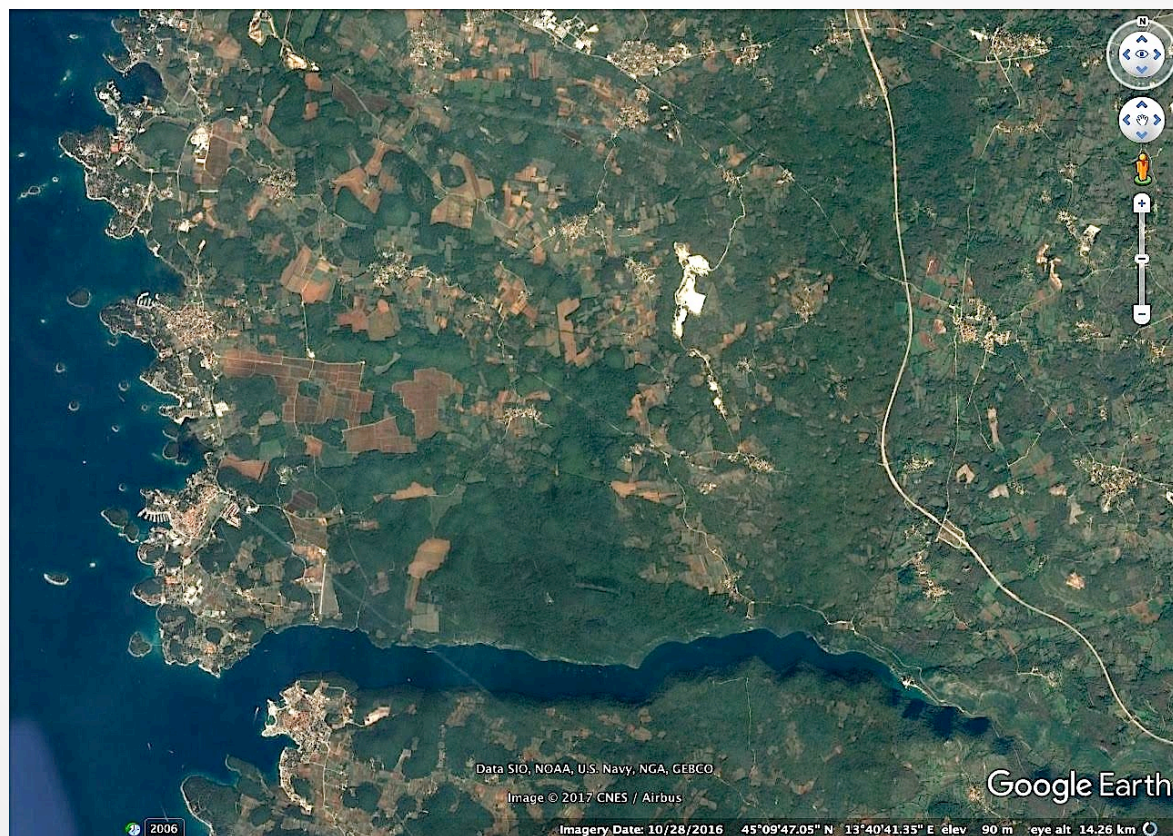


PRELIMINARY LIDAR OBSERVATIONS ON THE VRSAR (ISTRIA, CROATIA) SURVEY

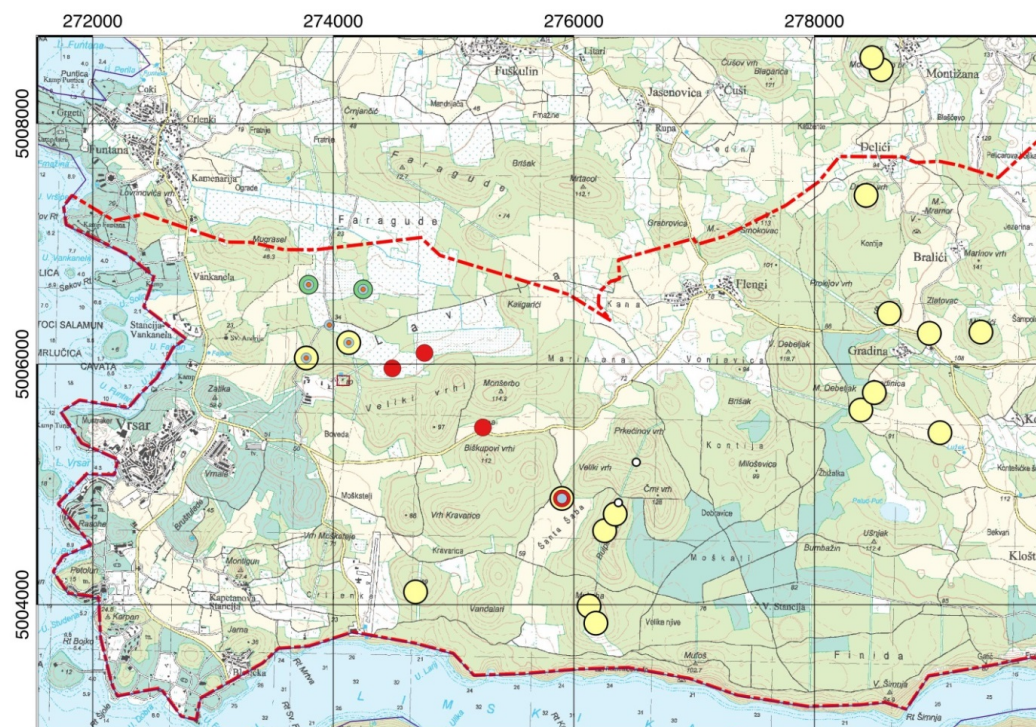
Katarina Gerometta, Robert Matijašić

Juraj Dobrila University of Pula,
Faculty of Humanities,
Centre for Interdisciplinary Research in
Landscape Archaeology

IMS Workshop
Leuven, 3-4 November 2017



FIELD SURVEY 2015.



Legenda

— MR_Perim
 VrsarOpcinaPGon

Ricognizione_MR15

- Preistoria
- Età Romana
- Post_Medievale
- Recente
- Venezia/austria
- Romano Possibile

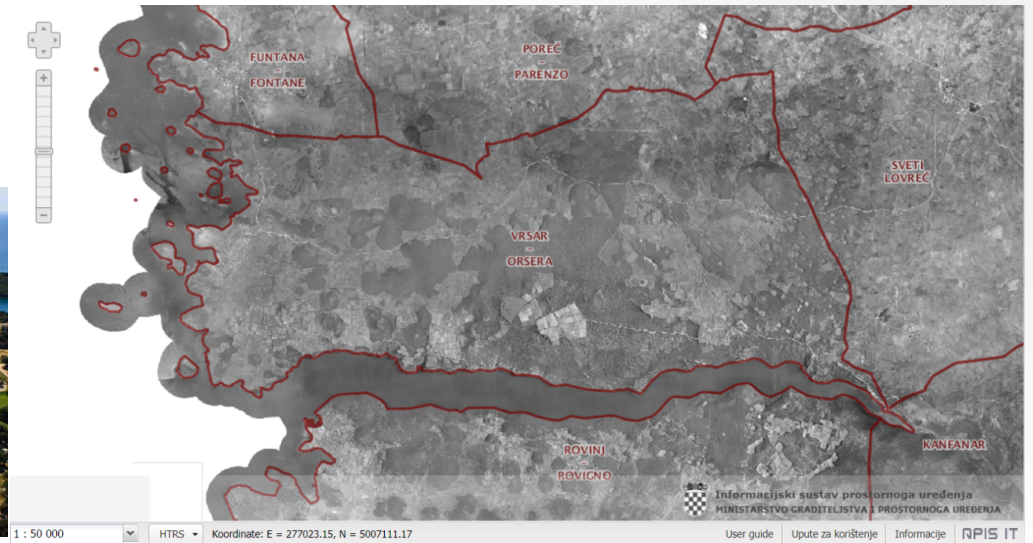
TK25 - Topografska Karta 1:30'000
 Državna geodetska uprava
 WMS Service <http://geoportal.dgu.hr/wms?layers=TK25>



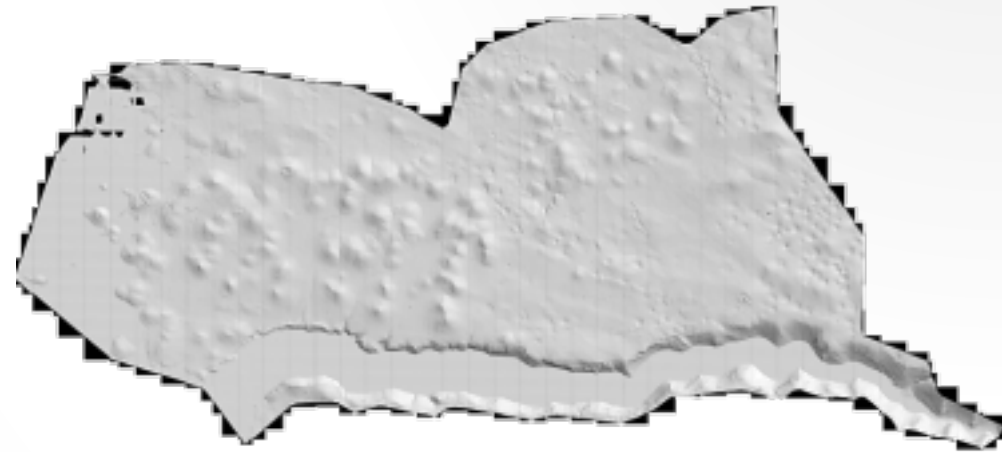
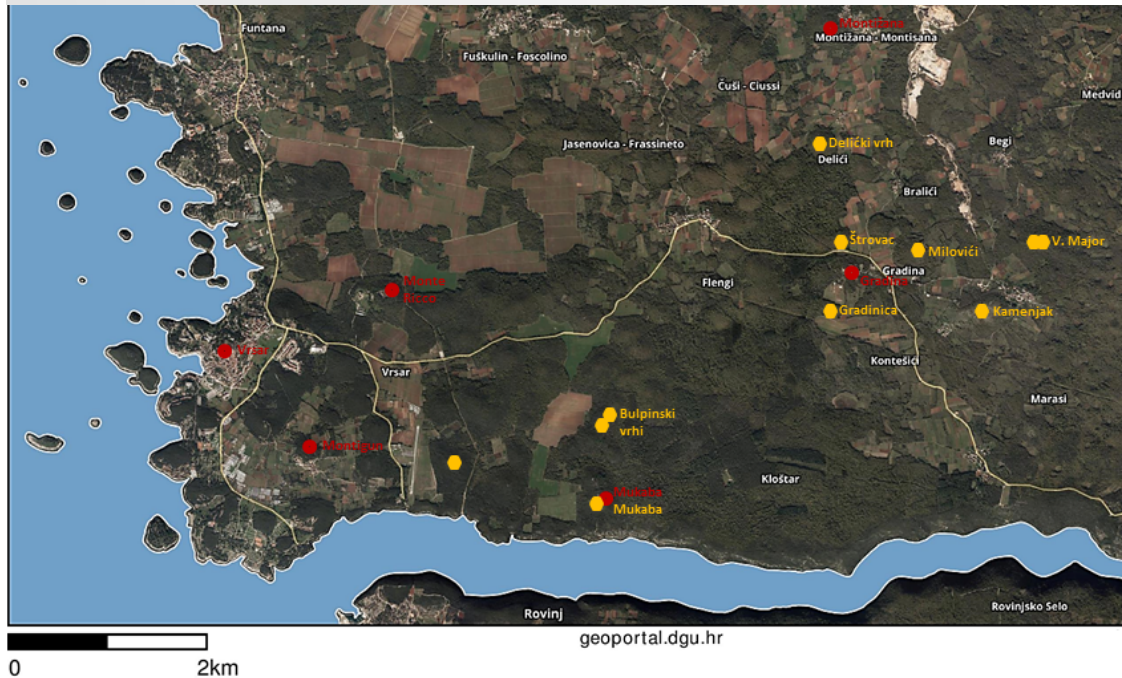
THE MUNICIPALITY OF VRSAR



- Land surface area: 37,92 km²
- Administrative center Vrsar (ital. Orsera) situated on a hilltop 50 m a.s.l. – prehistoric settlement



HILLFORTS AND TUMULI



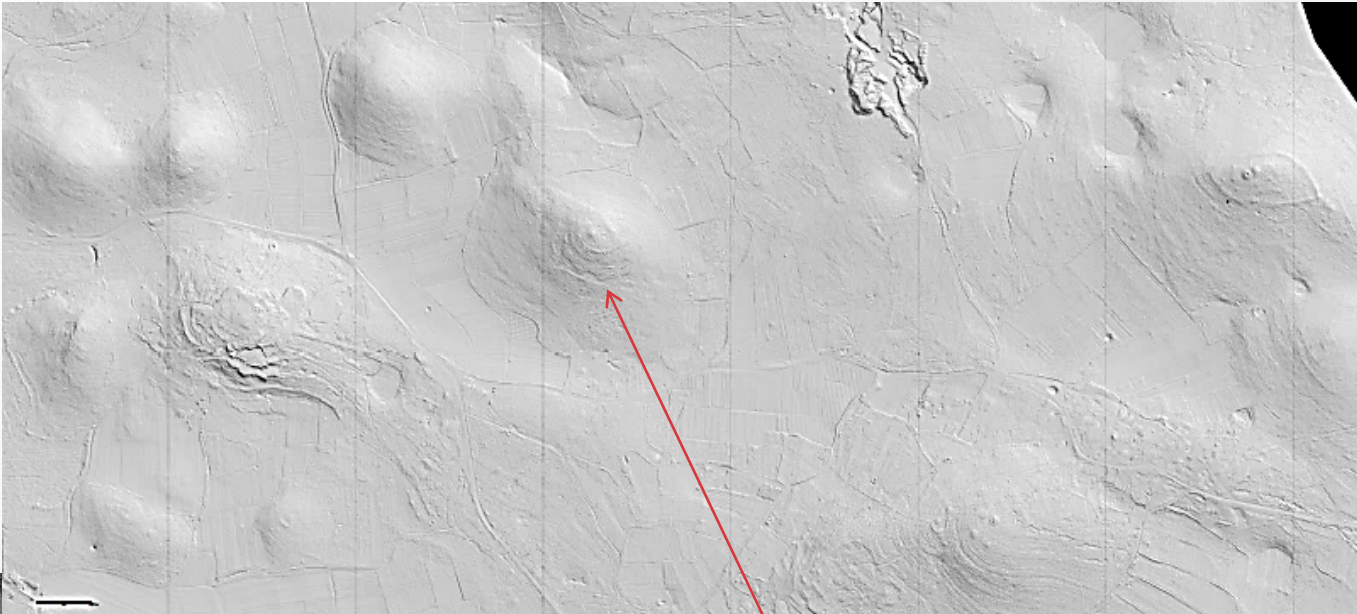
MUKABA (MONCALVO)



GRADINA



1 : 2 000 HTRS Koordinate: E = 278857.18, N = 5006251.18



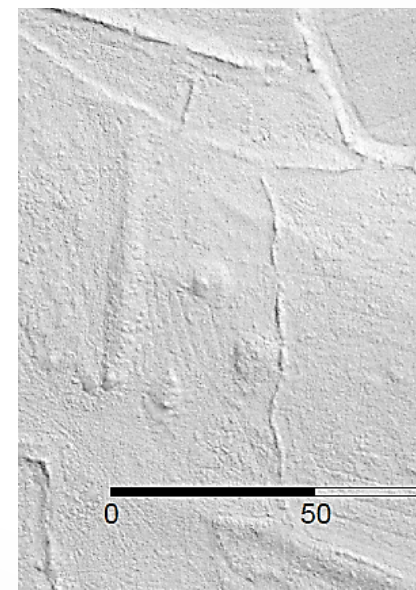
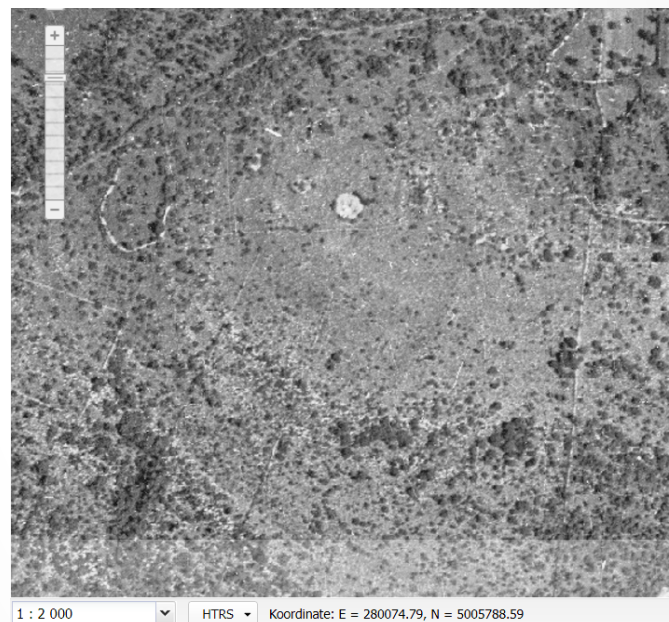
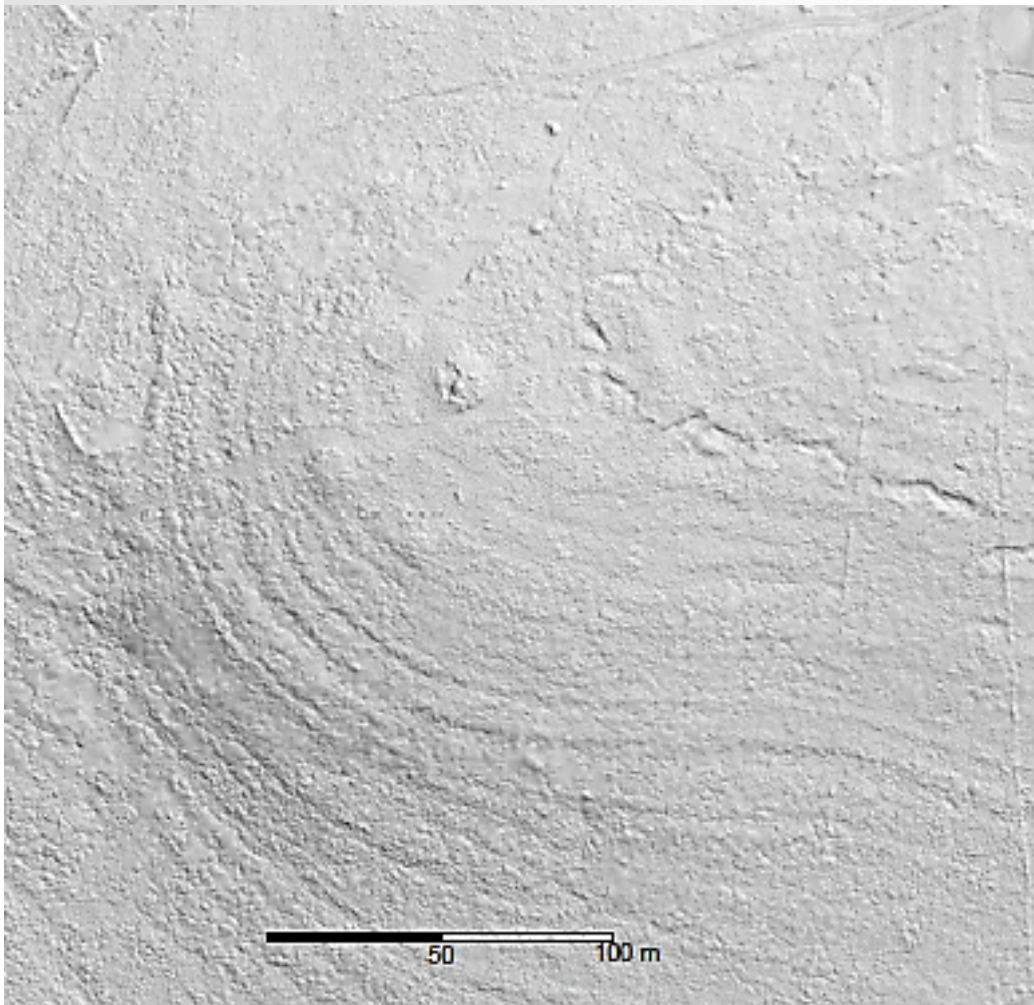
1 : 10 000 HTRS Koordinate: E = 279276.65, N = 5005866.15

Informacijski sustav prostornoga uređenja
MINISTARSTVO GRADITELJSTVA I PROSTORNOGA UREĐENJA

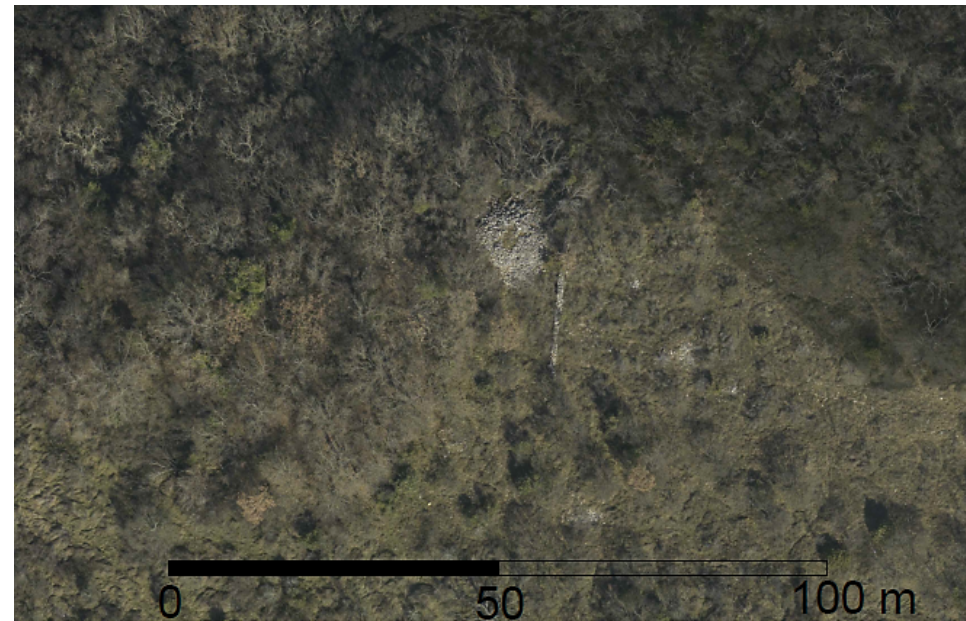
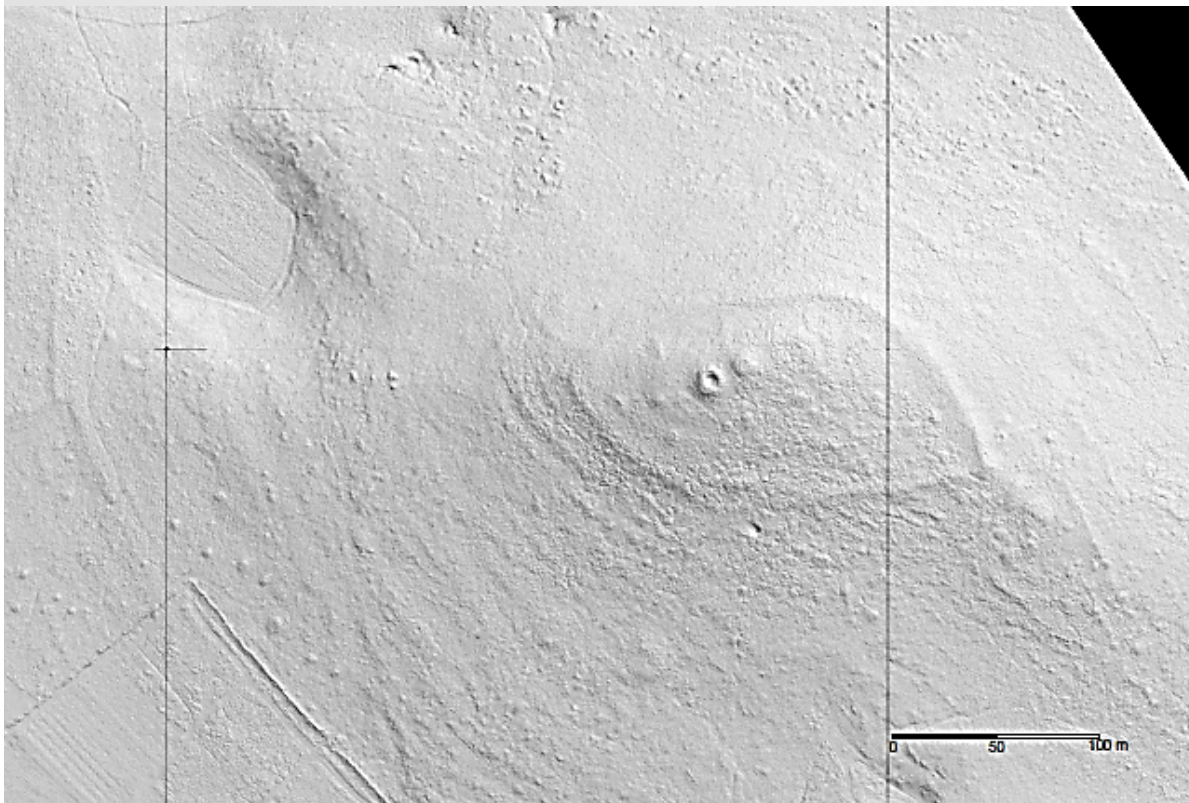
User guide Upute za korištenje Informacije RPIS IT



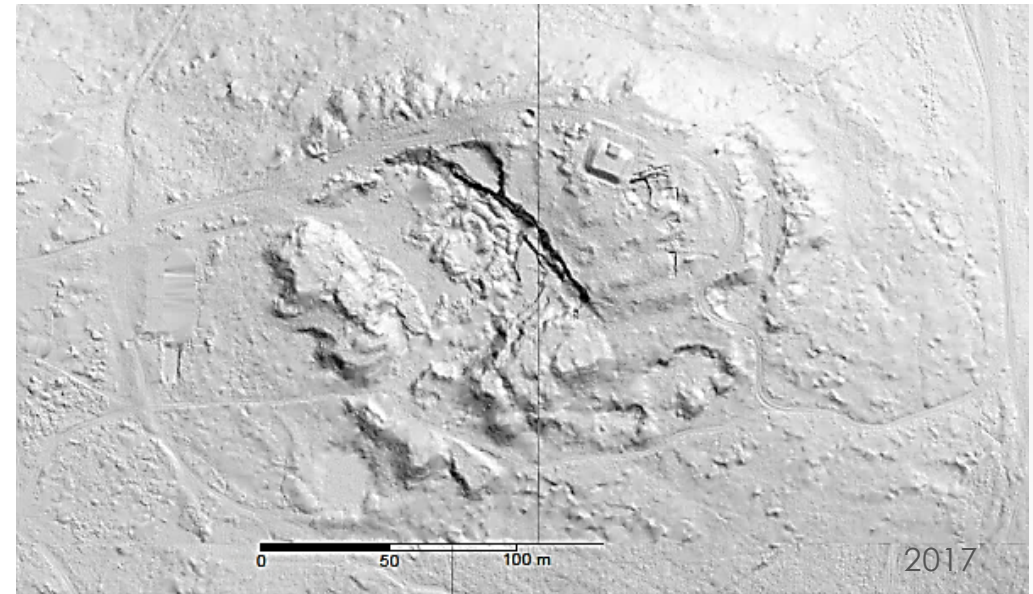
MARASI - KAMENJAK



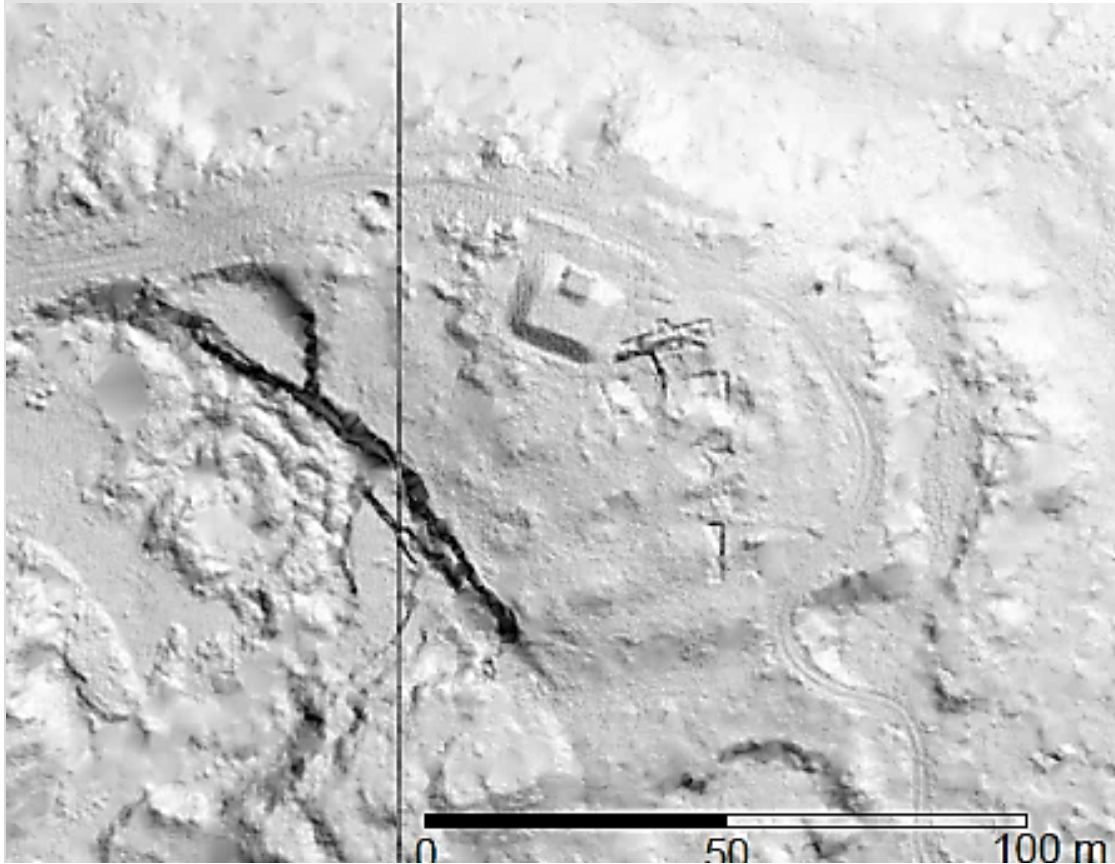
VELI MAJOR



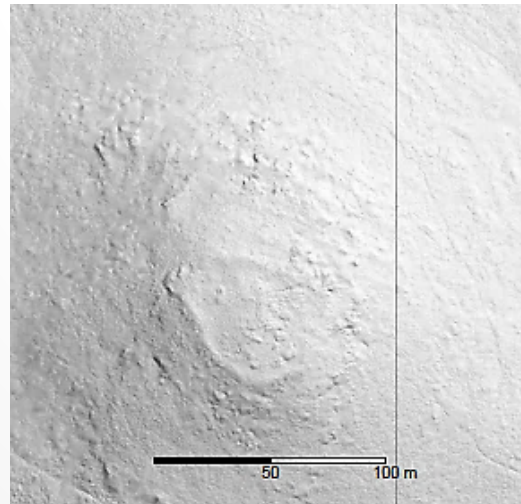
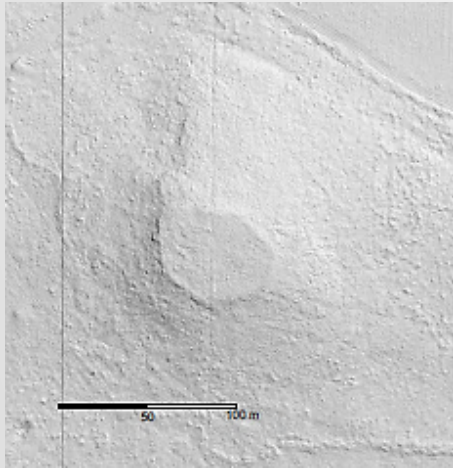
MONTE RICCO



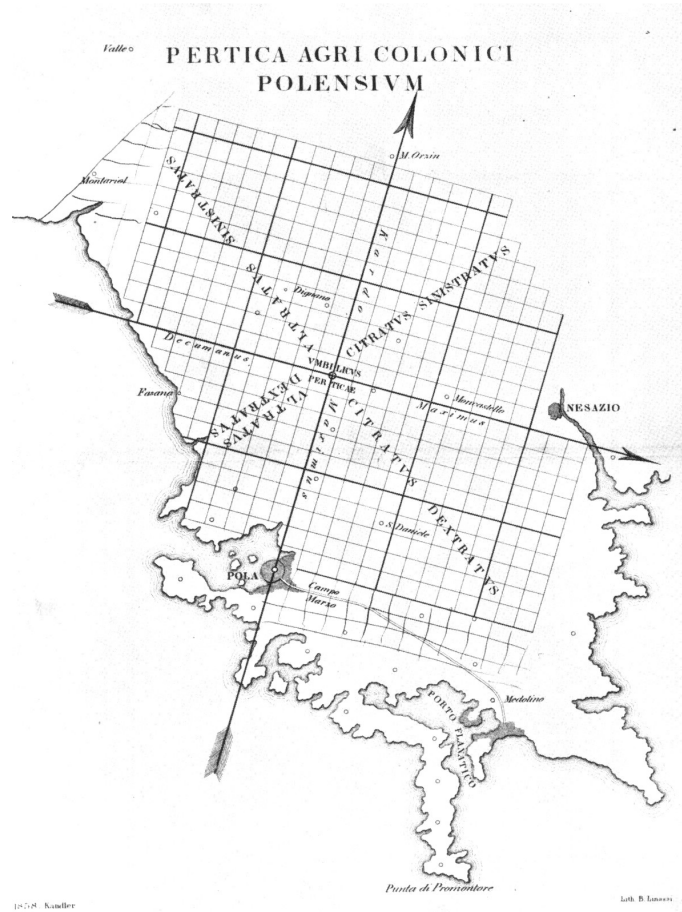
MONTE RICCO



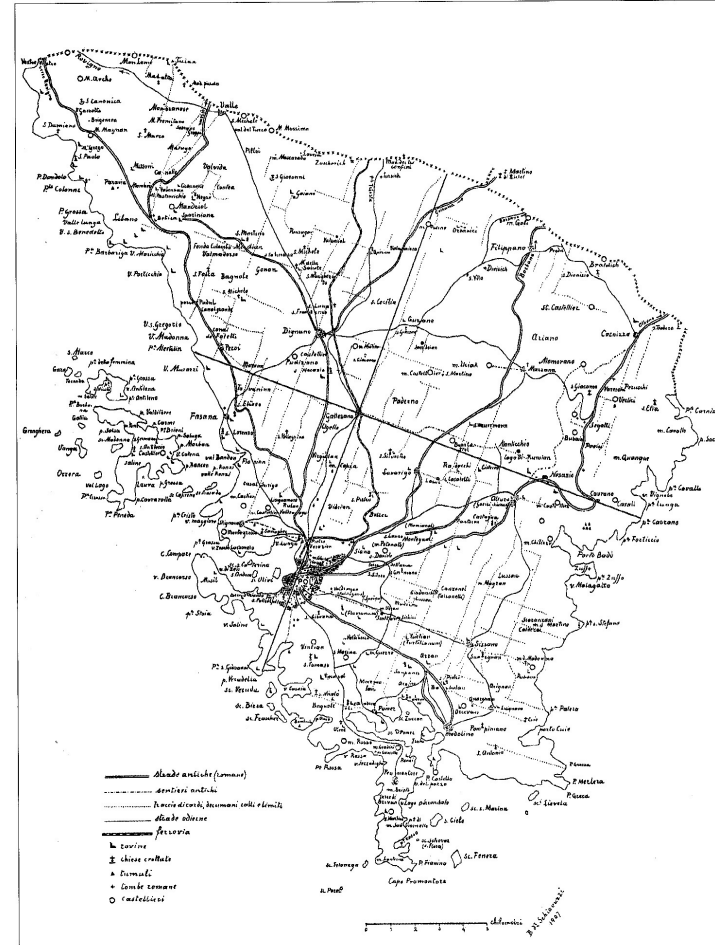
POSSIBLE NEW HILLFORTS?



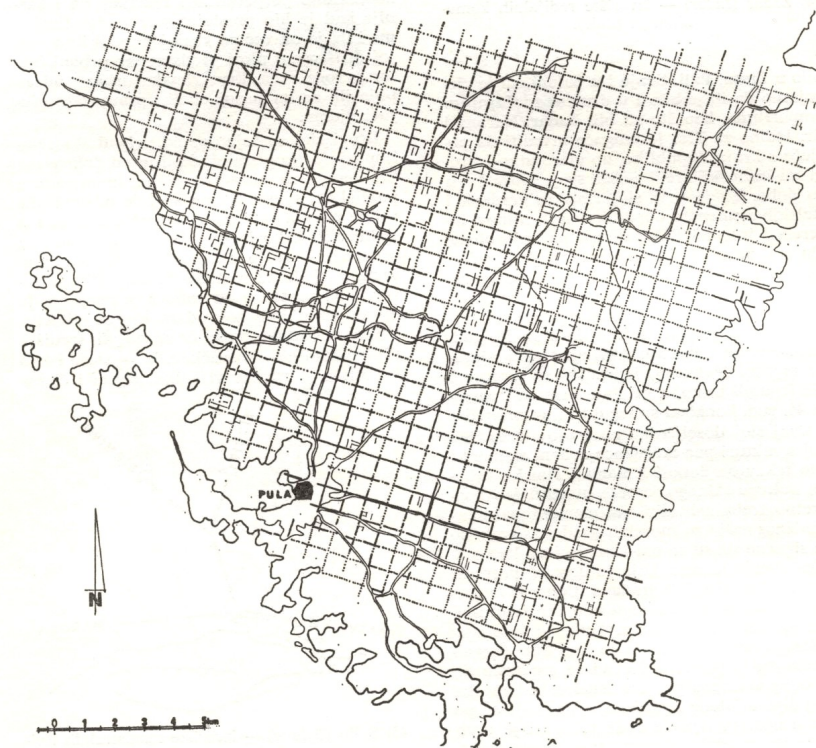
TRACES OF ROMAN LAND SURVEY



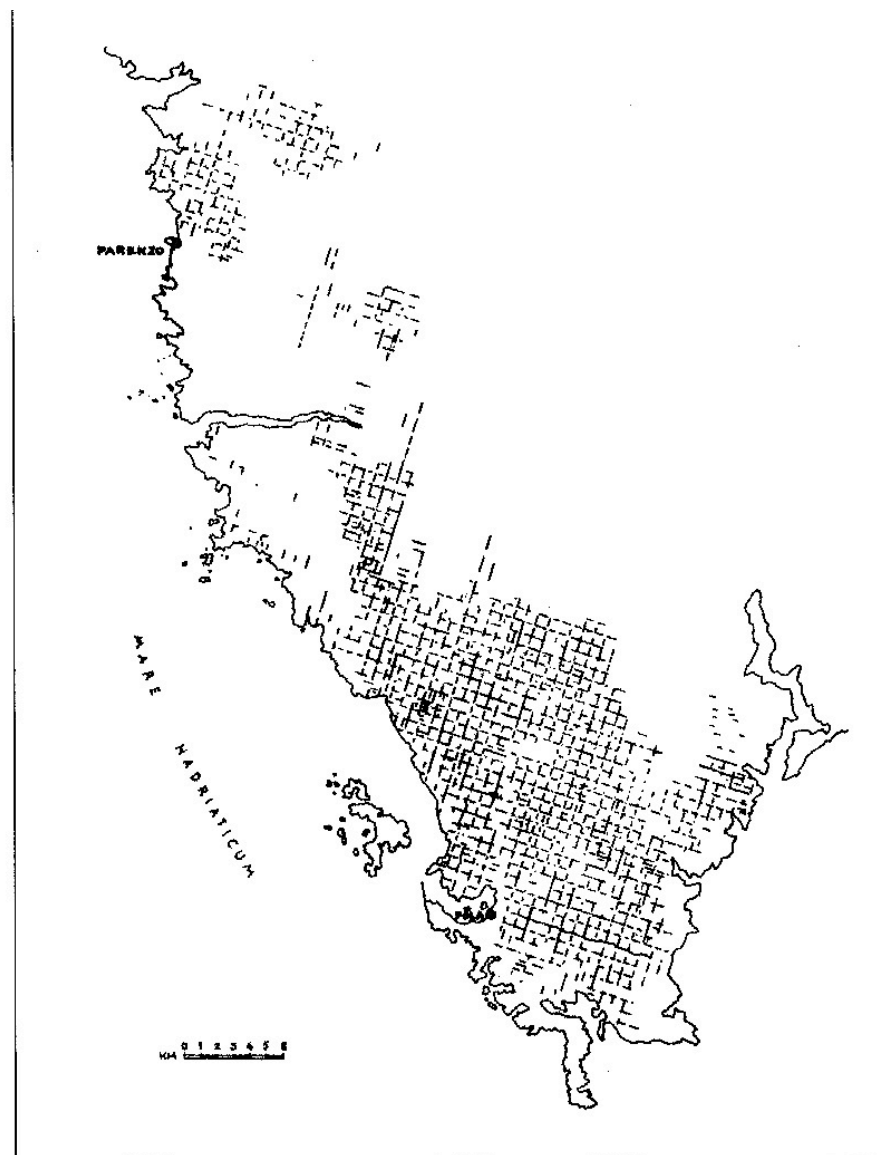
Pietro Kandler, 1858



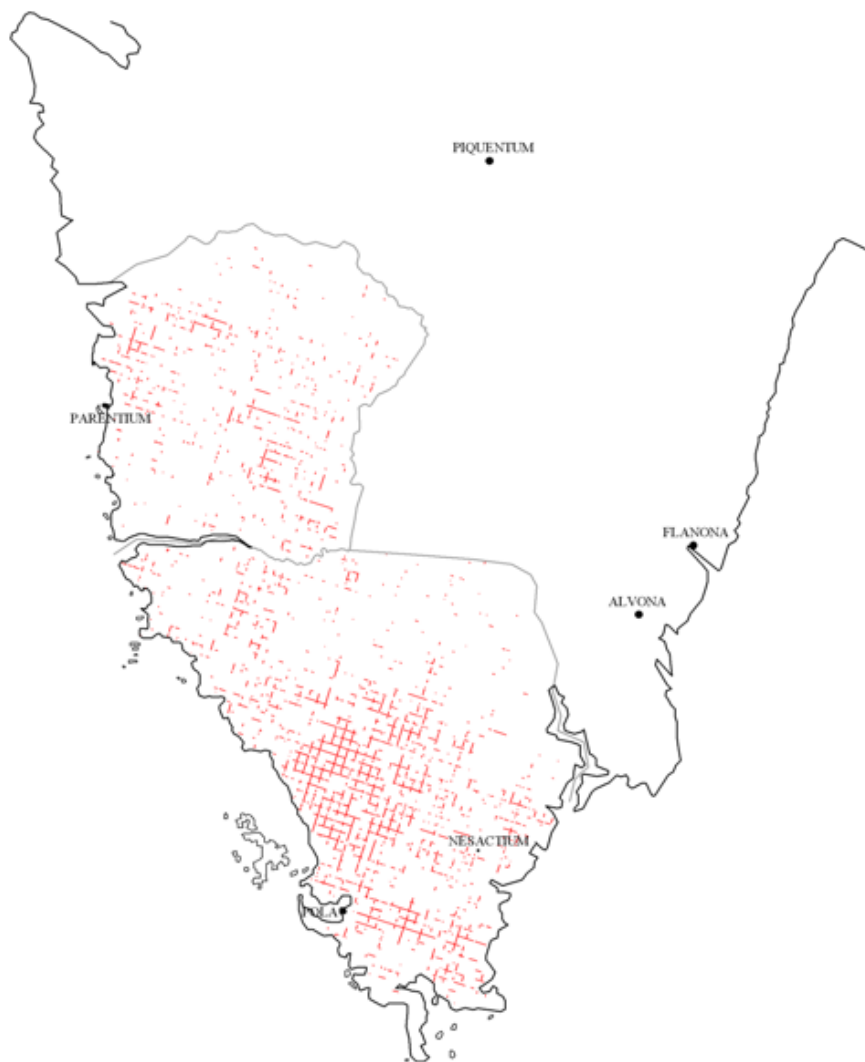
Bernardo Schiavuzzi 1908



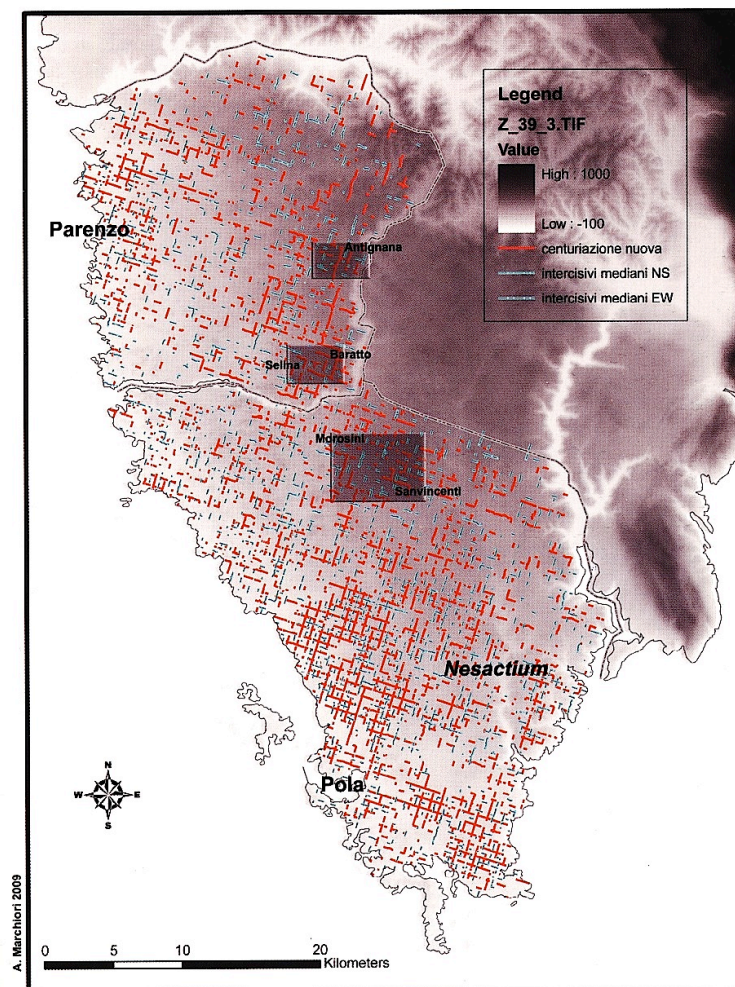
Mate Suić, 1955



Raymond Chevallier, 1956



Davor Bulić 2016



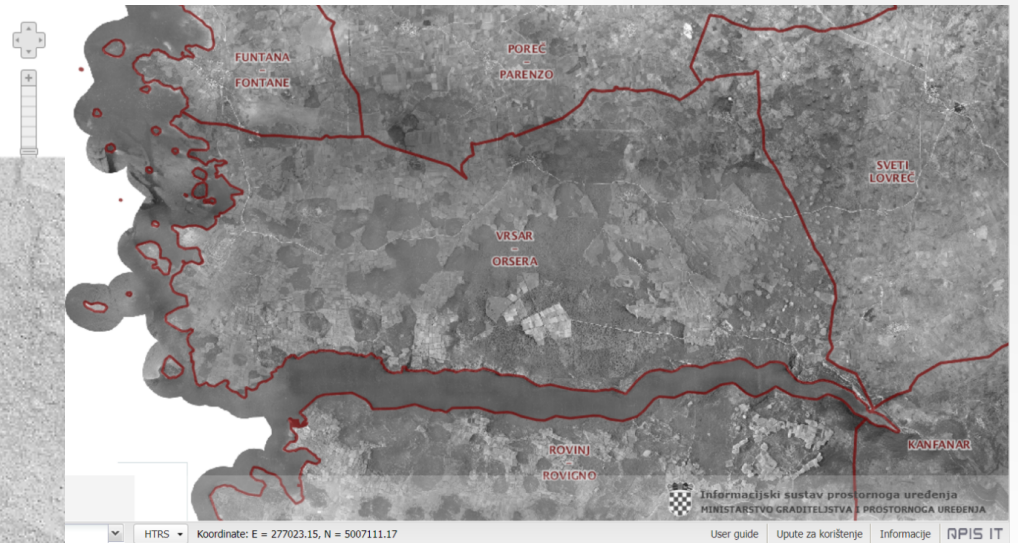
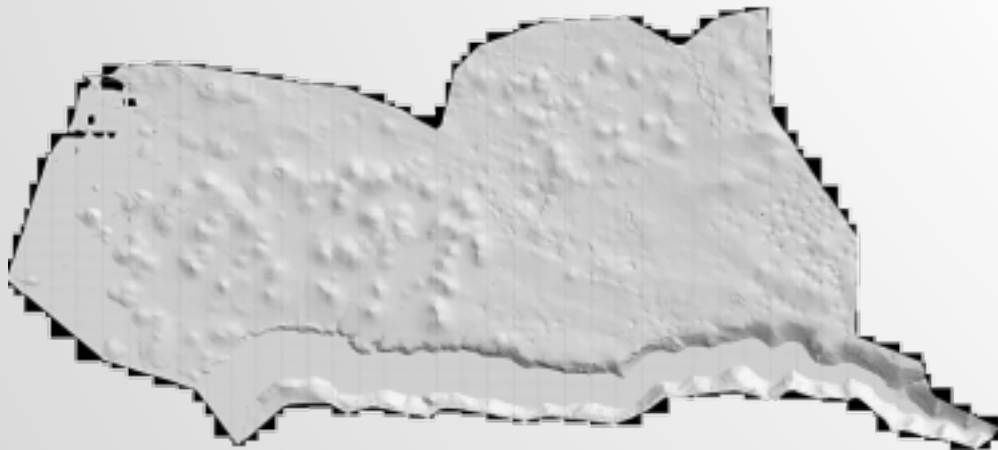
Antonio Marchiori 2016

VODNJAN NEAR PULA



Modern map 1:25000

LIDAR AND CENTURIATION



MARASI

CENTURIATION
AND STONE MOUNDS



MARASI

POSSIBLE TRACES OF
CENTURIATION LINES



MARASI

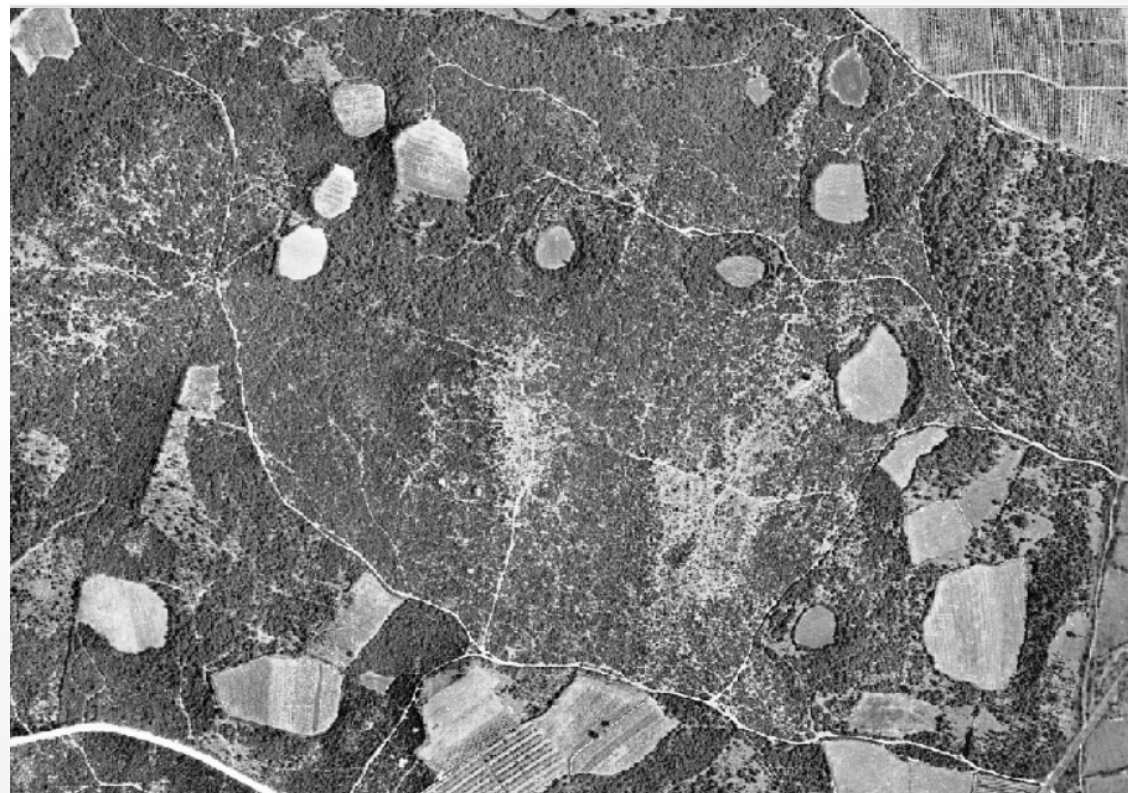
WOODED AREA TODAY



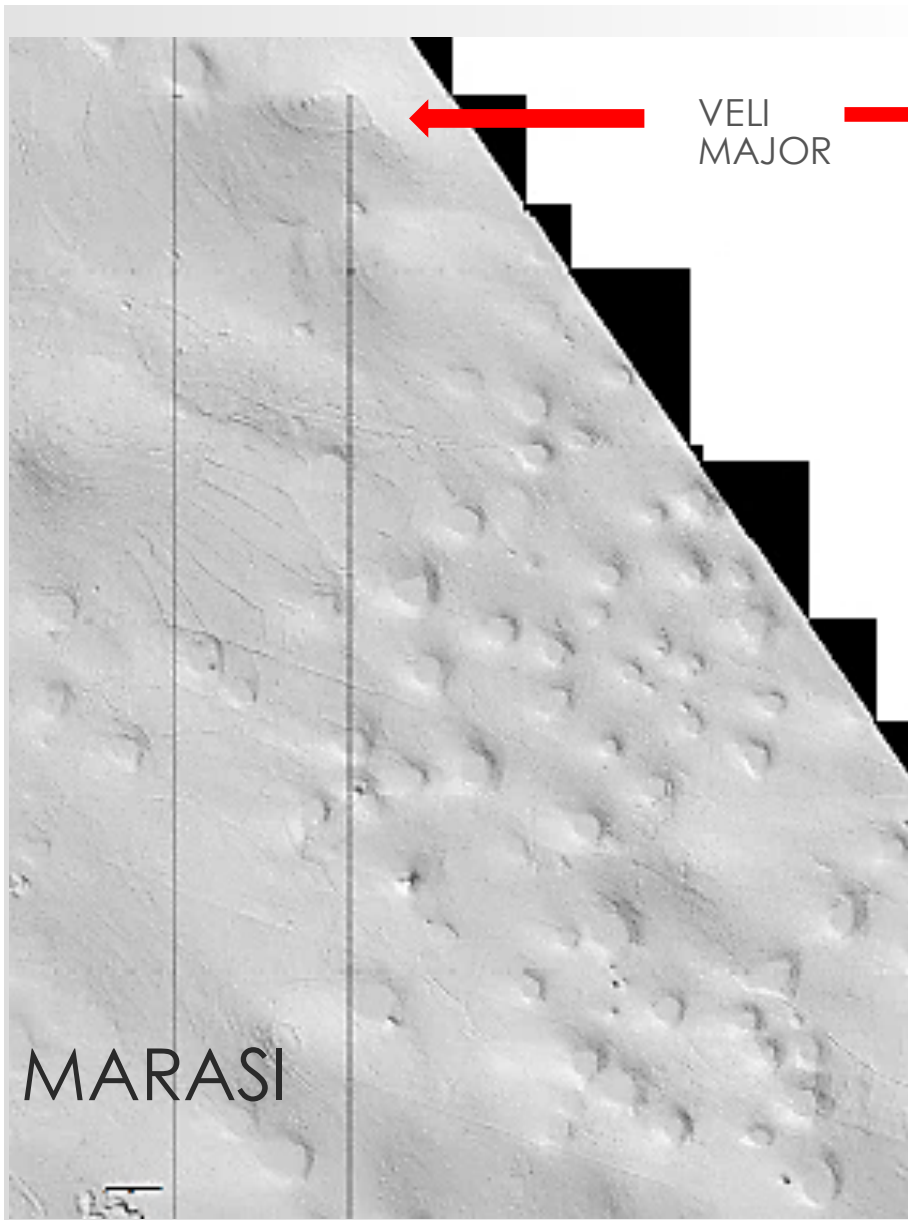


MARASI

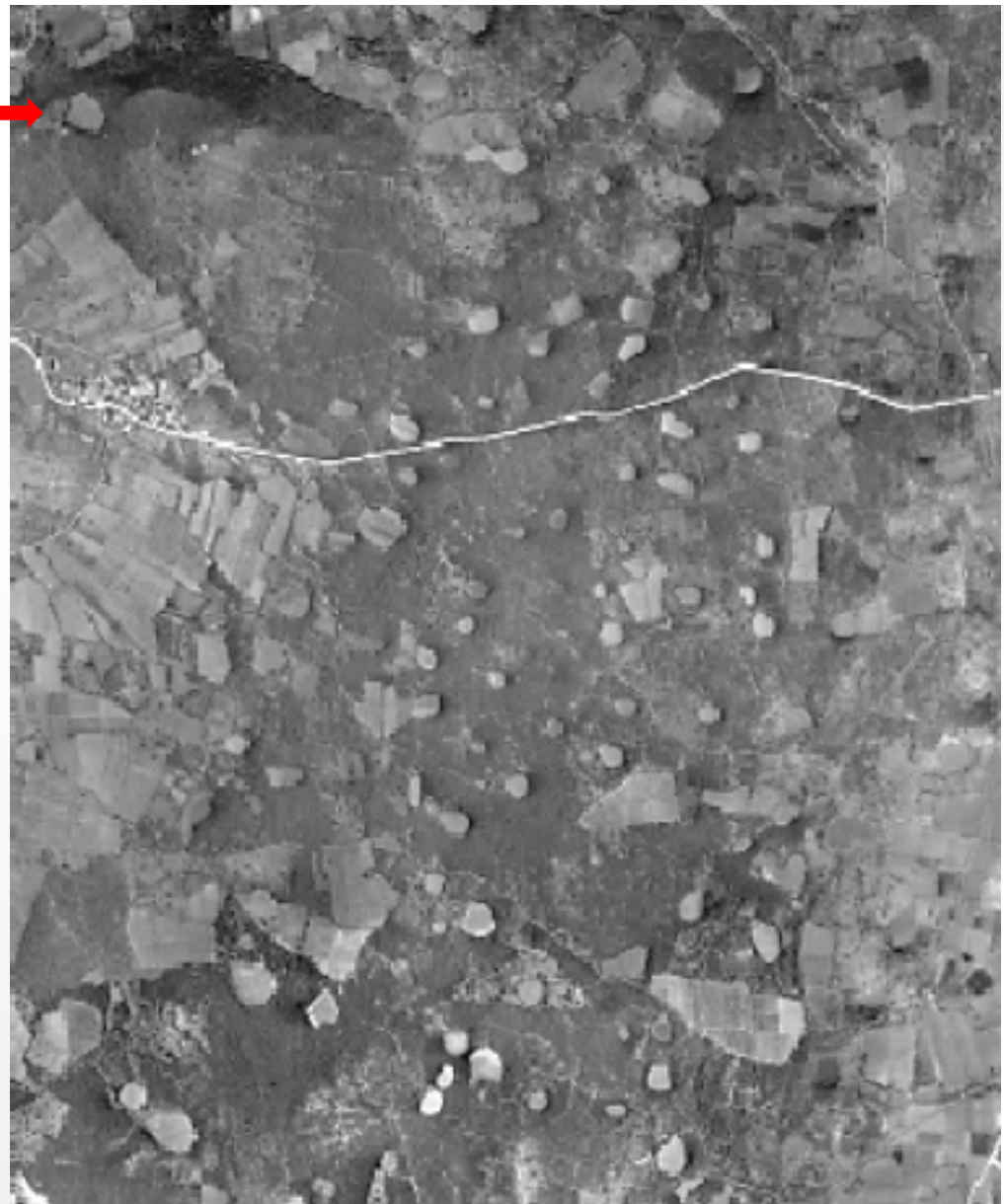
EASTERN MARGINAL AREA



Orthophoto
before 1968
1:5 000



VELI
MAJOR



Orthophoto
before 1968
1:25 000

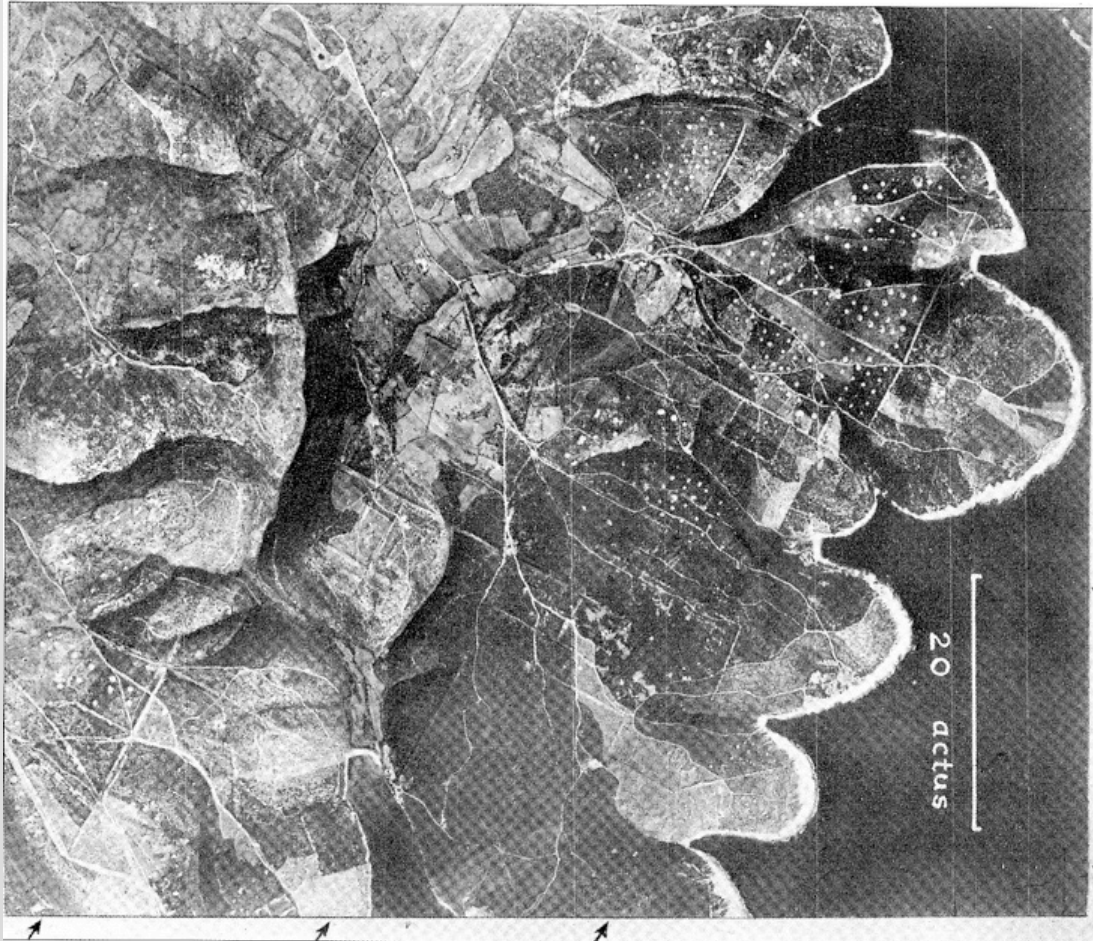
KLOŠTAR

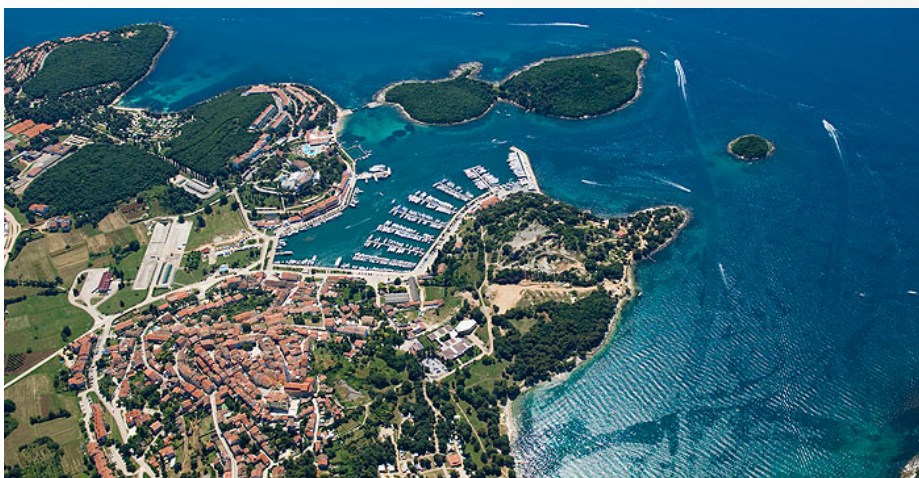


Frame 880 m



MONTE CAVAL NEAR PERUŠKI





Future work:

- **ARCHAEOCULTOUR**

The Archaeological Landscape in a Sustainable Development of Cultural Tourism in the Municipality of Vrsar

(December 2017 – December 2020)

- analysis of LiDAR
- aerial photography
- targeted field survey
- trial trenching and sampling



