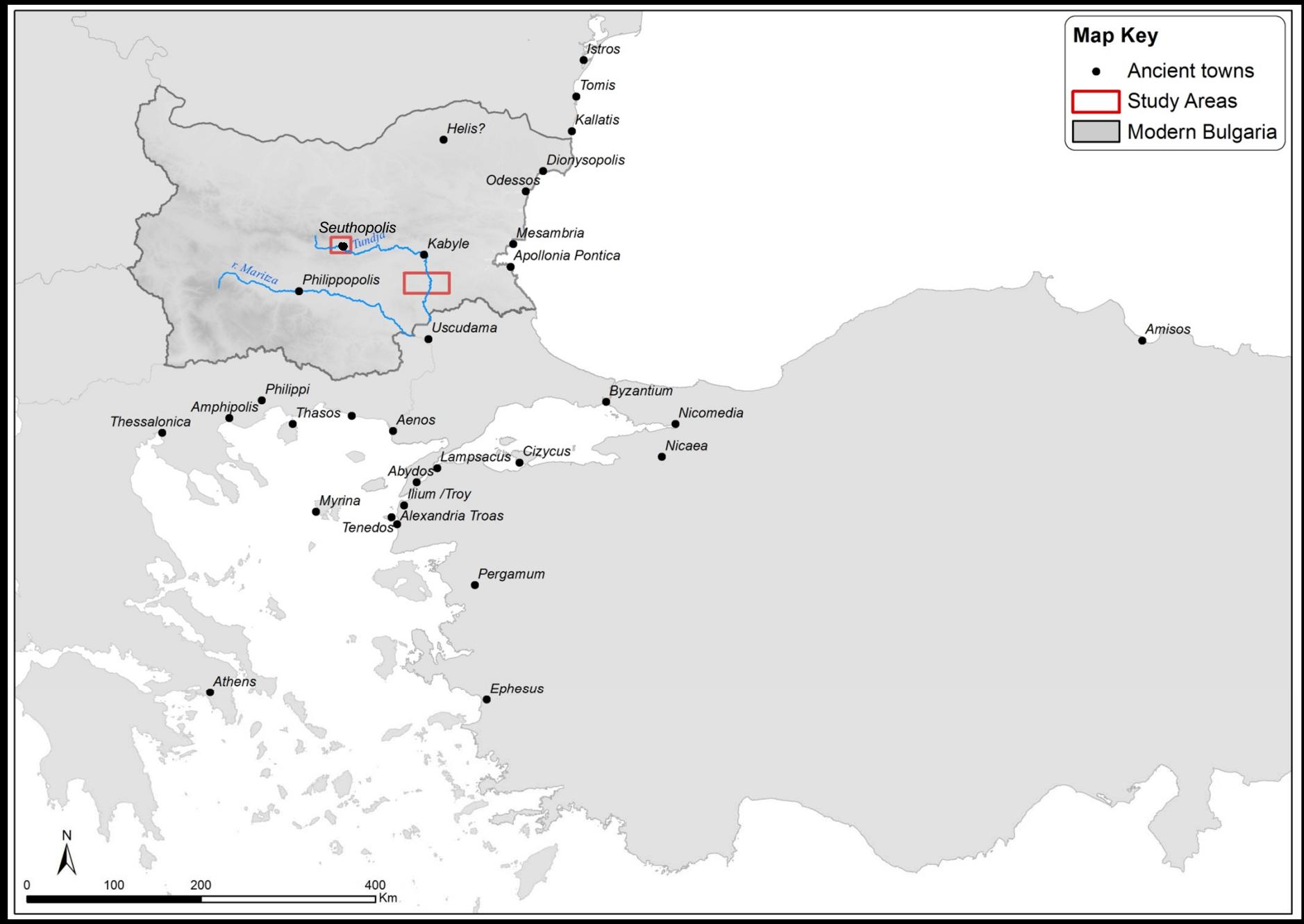


# KEEPING PAPER OR GOING DIGITAL? DECISION MAKING DURING ARCHAEOLOGICAL FIELD SURVEY

FAIMS WORKSHOP 2012

SHAWN ROSS & ADELA SOBOTKOVA

# STUDY AREAS



## SYSTEMATIC FULL COVERAGE SURVEY

EVOLUTION OF SETTLEMENT PATTERNS IN INNER THRACE, AND  
ARCHAEOLOGICAL CULTURES IN THEIR ENVIRONMENTAL CONTEXT



## SPECIAL PURPOSE SURVEY

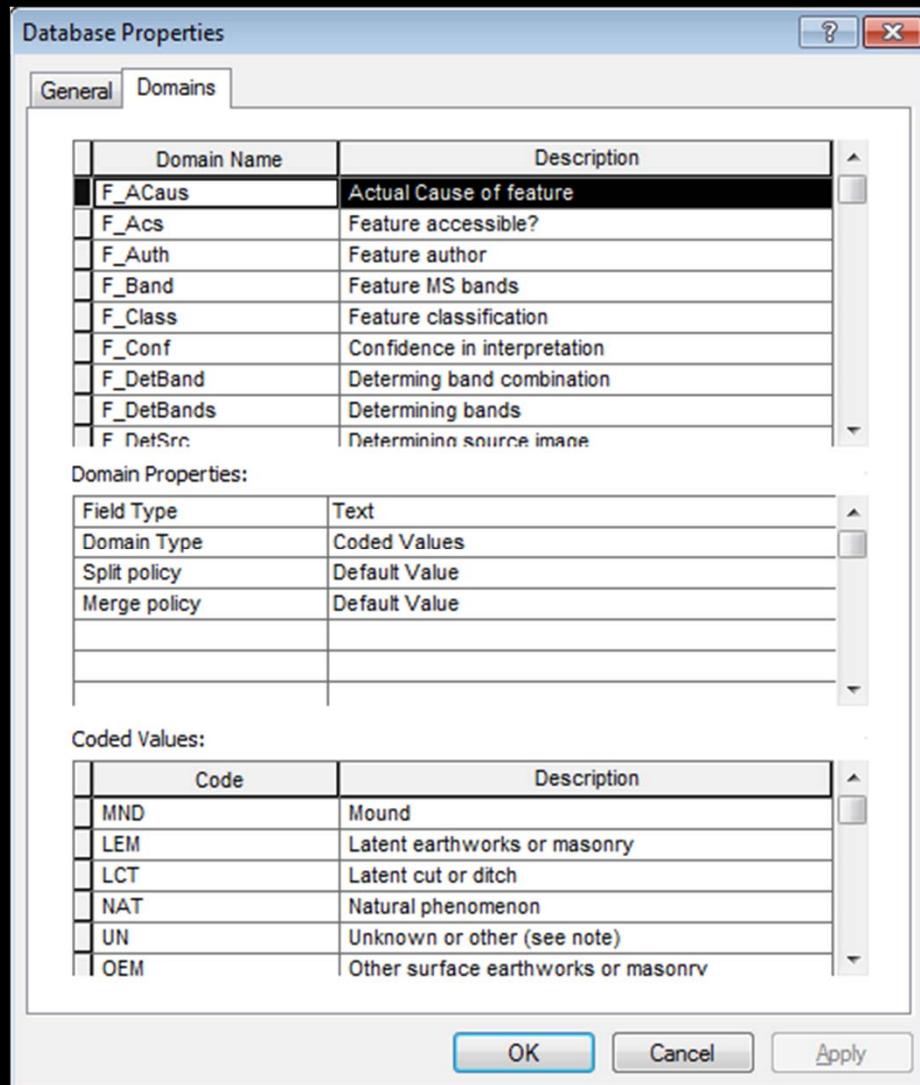
- RS GROUND TRUTHING
- ASSESSING THE SUCCESS  
AND EFFICIENCY OF  
SATELLITE REMOTE SENSING  
METHODOLOGY



# SPECIAL PURPOSE SURVEY



# REMOTE SENSING



## Ground Control DB:

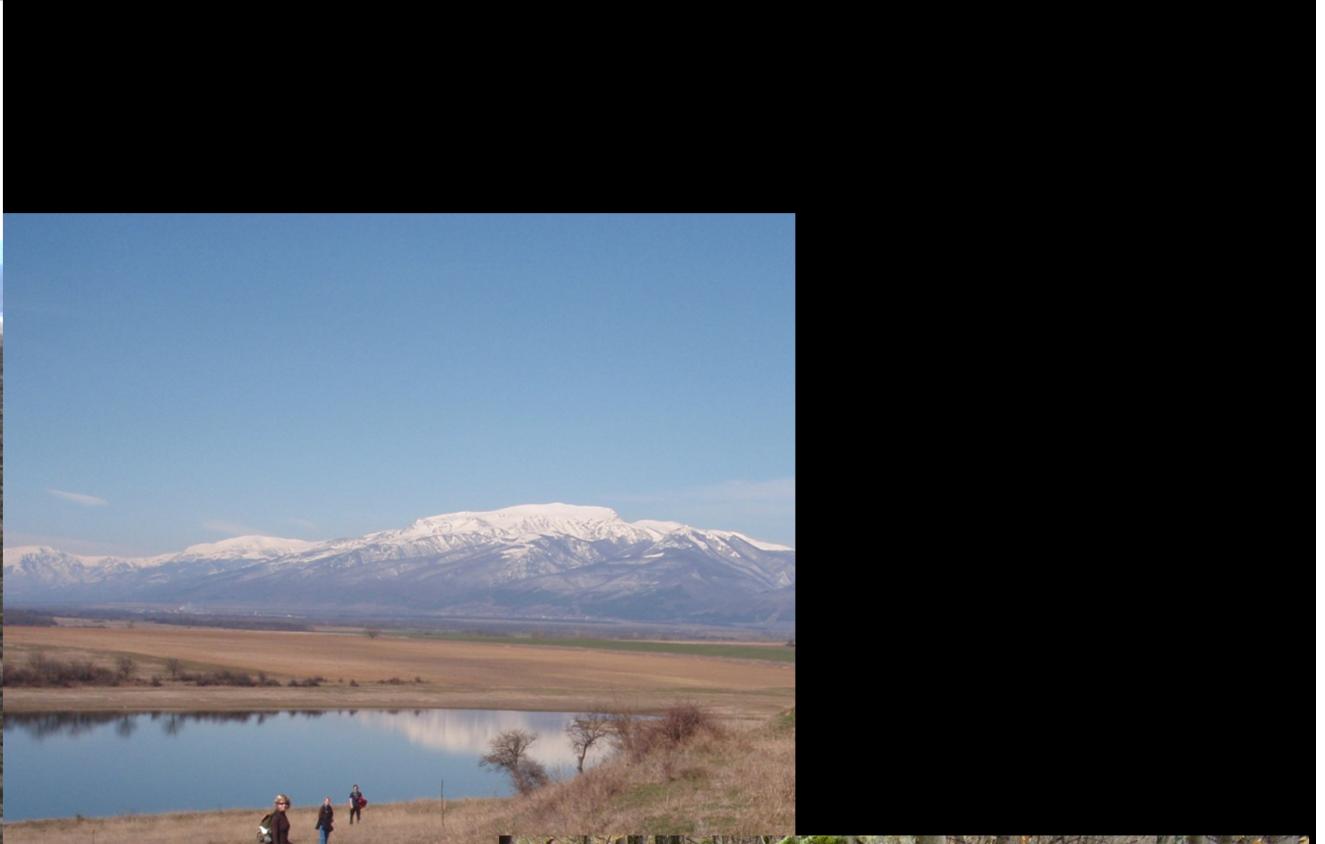
- Feature /Area description
- Actual Cause of RS pattern
- Classification (True Positives, False Positives, False Negatives... etc.)
- Impact (an estimate of site damage degree, extent, duration)
- Effect (an assessment of archaeological value and scientific significance)

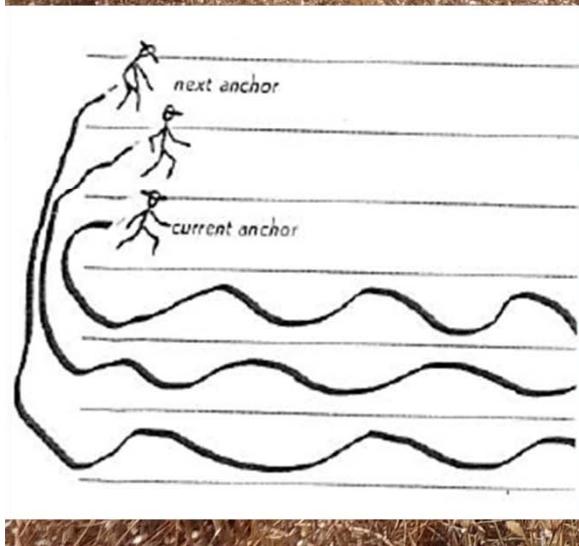
# DATA DOWNLOAD & DONE

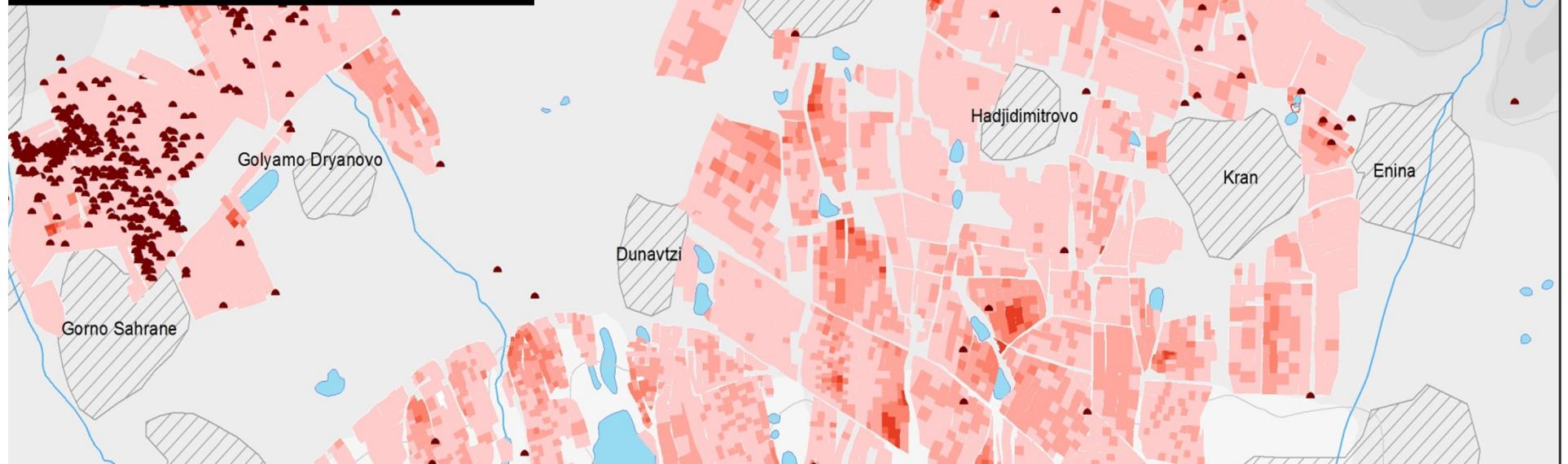


# SYSTEMATIC FIELD SURVEY



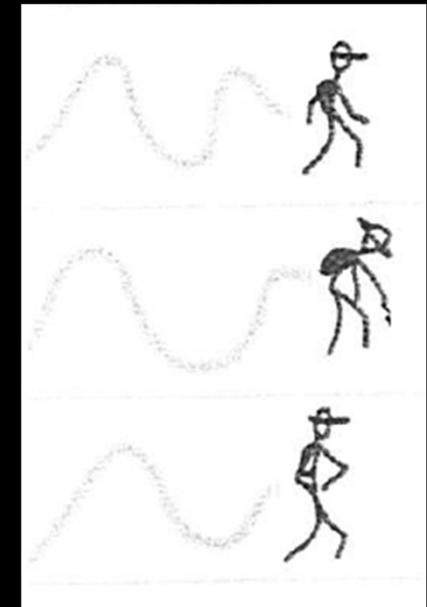






# PAPER RECORDS

- (1) 1 paper record keeper per team
- (2) Complements and completes the digital record
- (3) Faster
- (4) More flexible



Direction  
of  
walking



End 1 <sup>st</sup> unit				
A	M			
1.	2.	3.	4.	5.

WP

Elhovo 2009	Date:	Weather:	RP? <input type="checkbox"/>
Survey unit:	Walk interval:	15m Other:	
Shard count type: Density per m <sup>2</sup> / Raw count			
Land Use: <input type="checkbox"/> Annual <input type="checkbox"/> Per <input type="checkbox"/> Pasture <input type="checkbox"/> Forest <input type="checkbox"/> Disturbed <input type="checkbox"/> Other			
Agr C: <input type="checkbox"/> Plow <input type="checkbox"/> Harrow <input type="checkbox"/> Seedling <input type="checkbox"/> Mature <input type="checkbox"/> Harvest <input type="checkbox"/> Fallow <input type="checkbox"/> Other			
Topography	Slope	Visibility	Pass
<input type="radio"/> Valley btm	<input type="radio"/> Level (<2%)	<input type="radio"/> >80%	E 2 3 4 Im
<input type="radio"/> Hillside	<input type="radio"/> Gentle (2-15)	<input type="radio"/> 60-80%	Drain D 2 3 4 W
<input type="radio"/> Ridgeline	<input type="radio"/> Steep (15-30)	<input type="radio"/> 40-60%	Veg N 2 3 4 M
<input type="radio"/> Riv terrace	<input type="radio"/> Vr st (30-45)	<input type="radio"/> 20-40%	Stone N 2 3 4 M
Sample? <input type="checkbox"/>	<input type="radio"/> Imp (>45)	<input type="radio"/> <20%	Shade N 2 3 4 M
Notes: Frag =			Same as below? <input type="checkbox"/>

# PAPER & DIGITAL RECORDING



# POST-PROCESSING- COMPLETING DIGITAL DATA



!@? → **X?**  
†



# DIGITAL VS. PAPER



FIELD PROGRESS EFFICIENCY  
VS.  
QUANTITY OF POST-PROCESSING

# THANK YOU!

