



# **Analysis of Urban Sprawl Impacts on Surface Temperature Using Landsat Imageries: Case Study of South Marmara**

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# OUR FOCUSES & STUDY GROUP



**Agricultural Sensor and Remote  
Sensing Laboratory  
(ASRESEL)**





# Water stress detection using ASD Agrispec

**MAIZE**



Photosynthesis measurement



Chlorophyll reading EGGPLANT





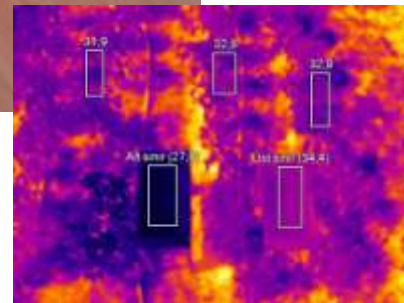
Project:  
Determination of  
Agricultural  
Potantial of Canakkale  
Province



Education Seminars  
2006  
2008  
2010  
2014

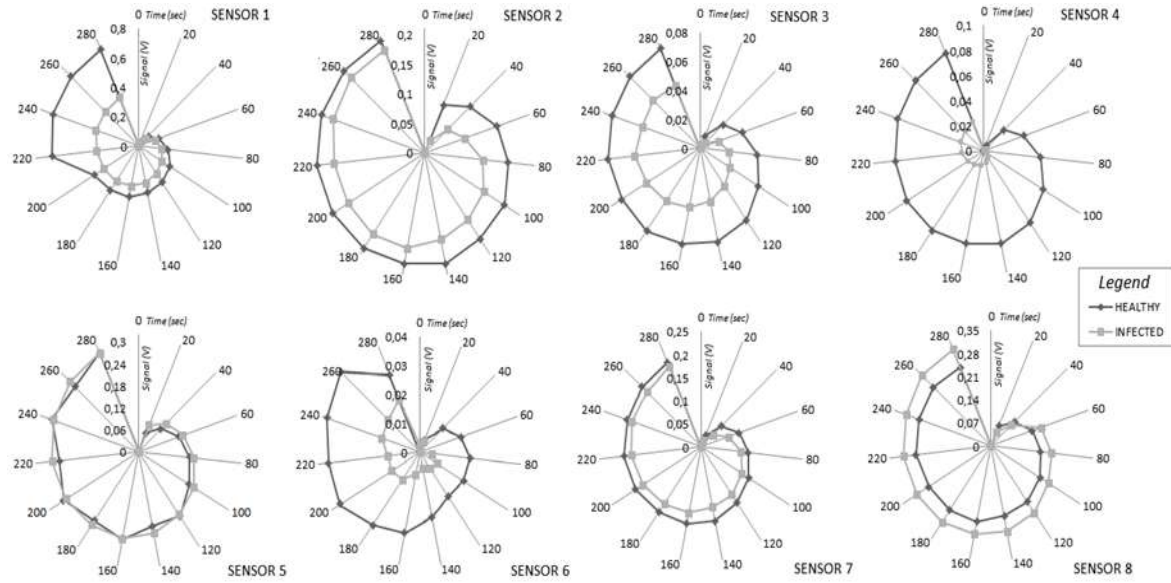






Thermal camera

Spectroradiometer measurement in Kapija



ODOUR MEASUREMENTS

QUALITY ASSESMENTS  
OF FOOD PRODUCTS

MANURE & SOIL  
PROPERTIES



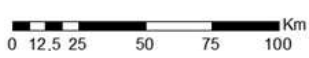
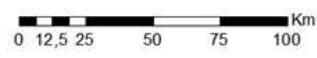
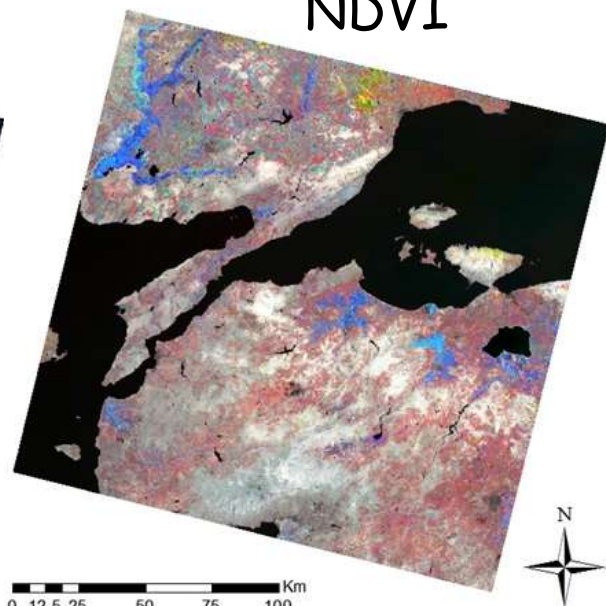
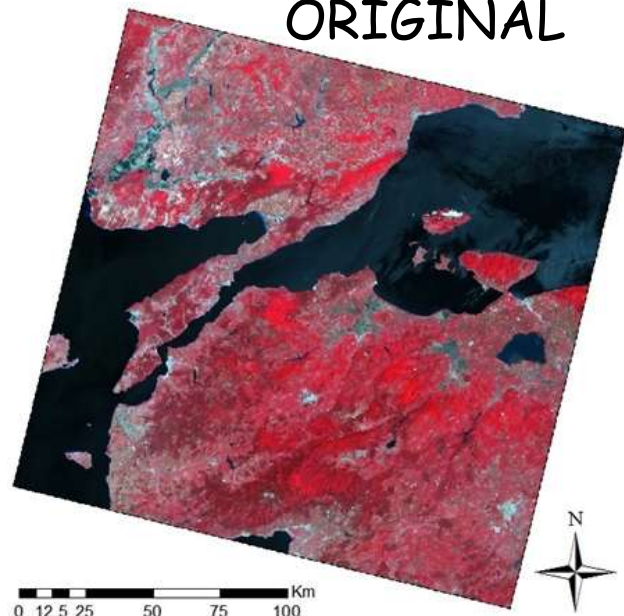
Electronic Nose System



ORIGINAL

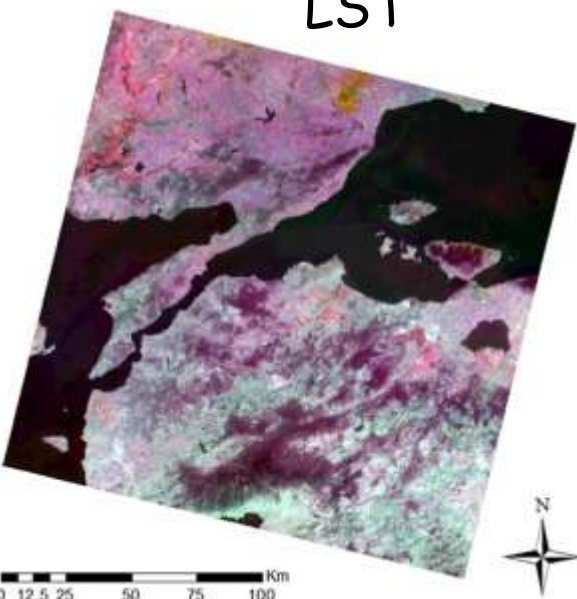
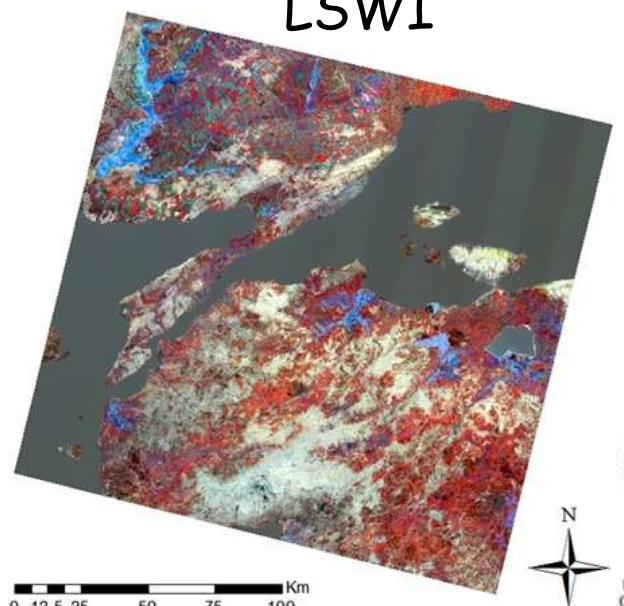
NDVI

RICE PADDY DETERMINATION USING SEASONAL IMAGES

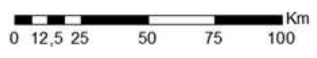


LSWI

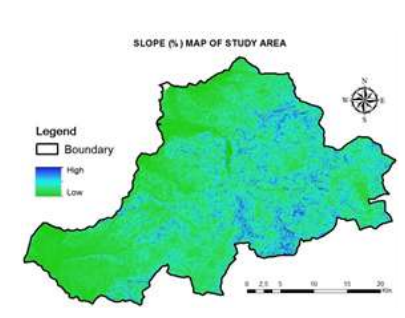
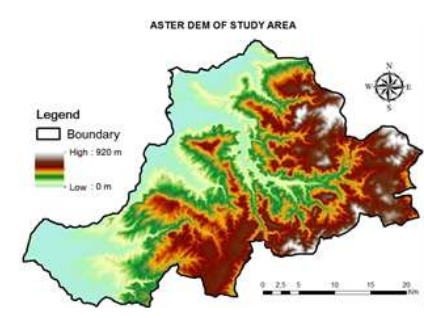
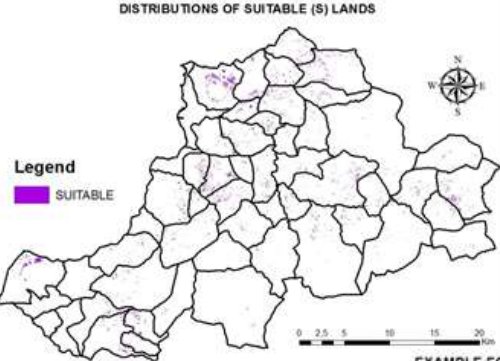
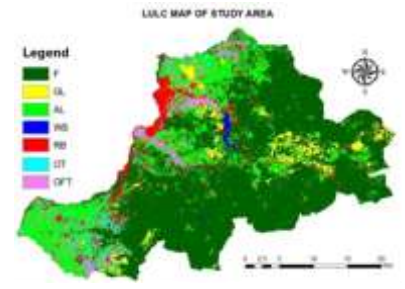
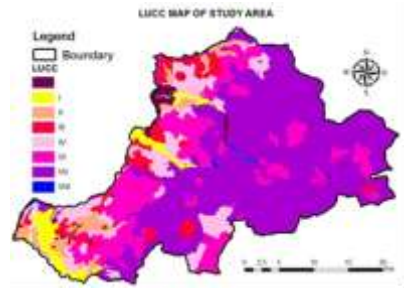
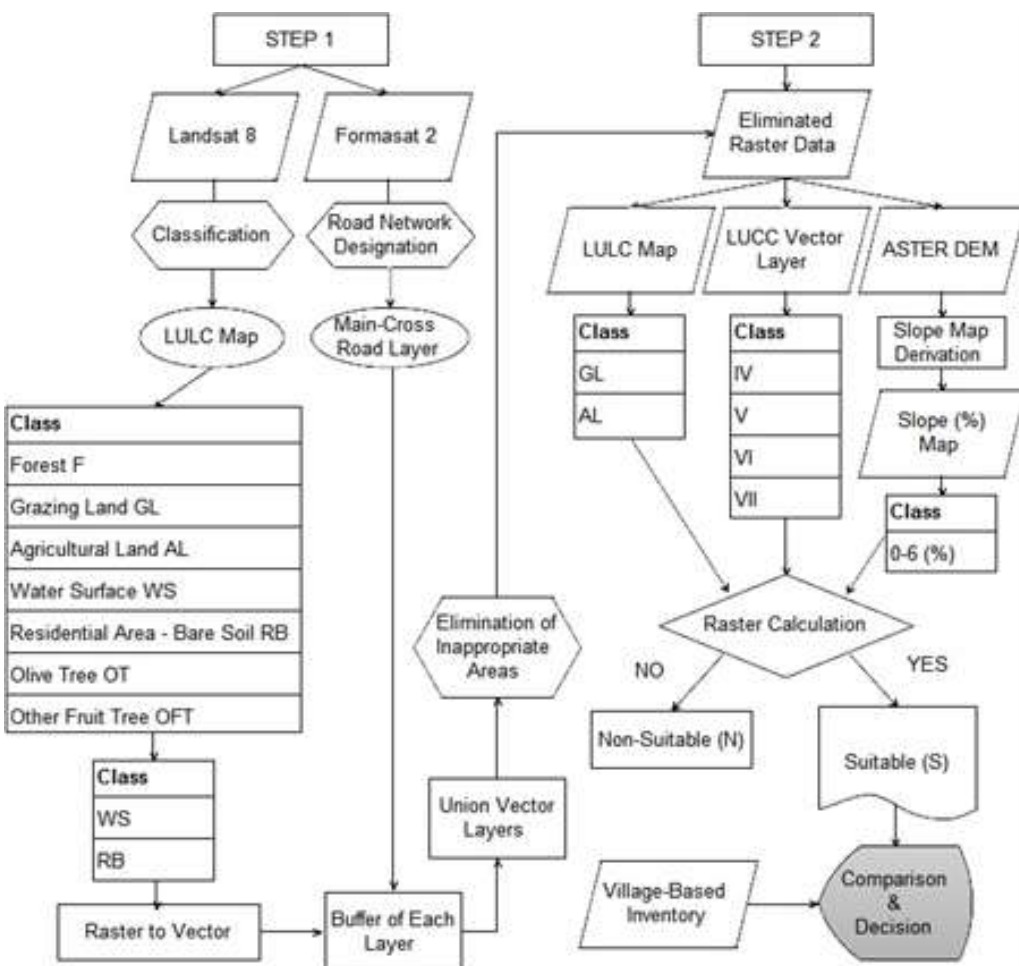
LST



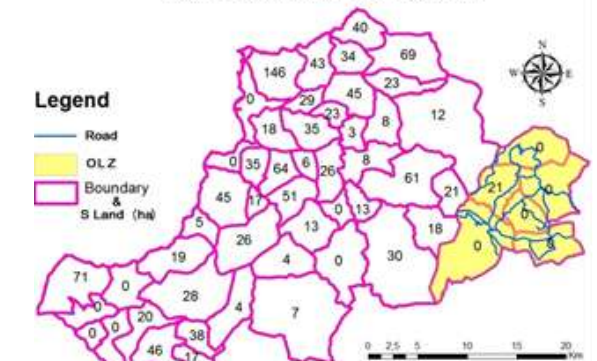
- Legend**
- Balıkesir
  - Bursa
  - Çanakkale
  - Edirne
  - Tekirdağ

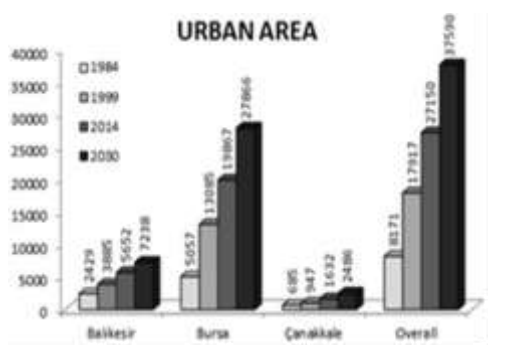
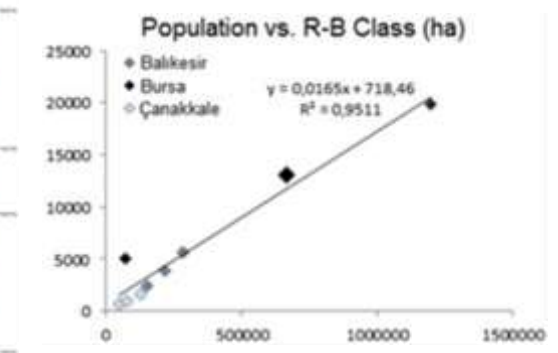
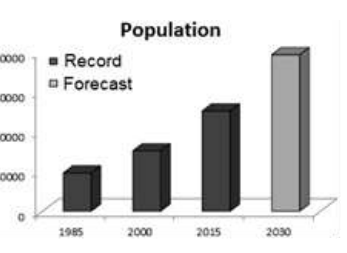
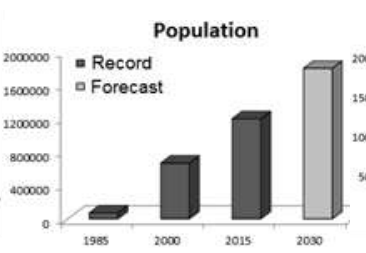
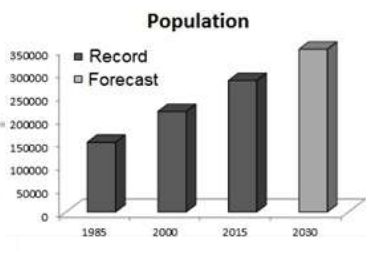
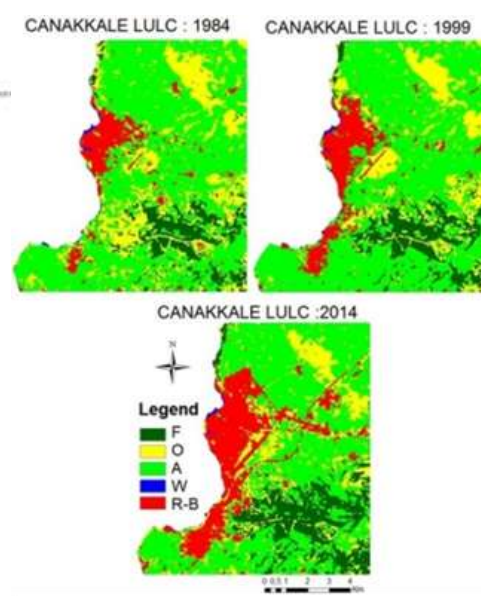
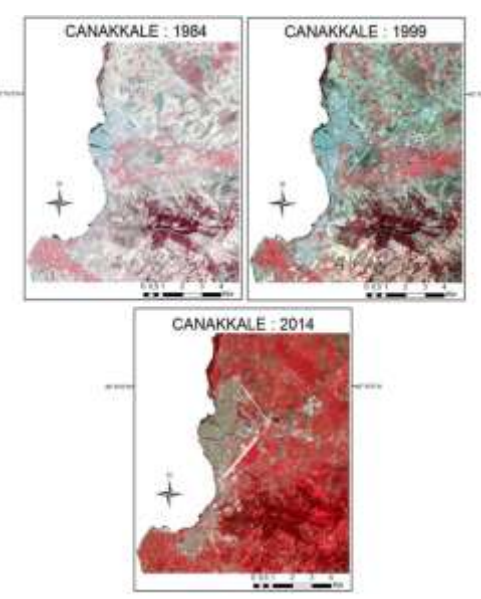
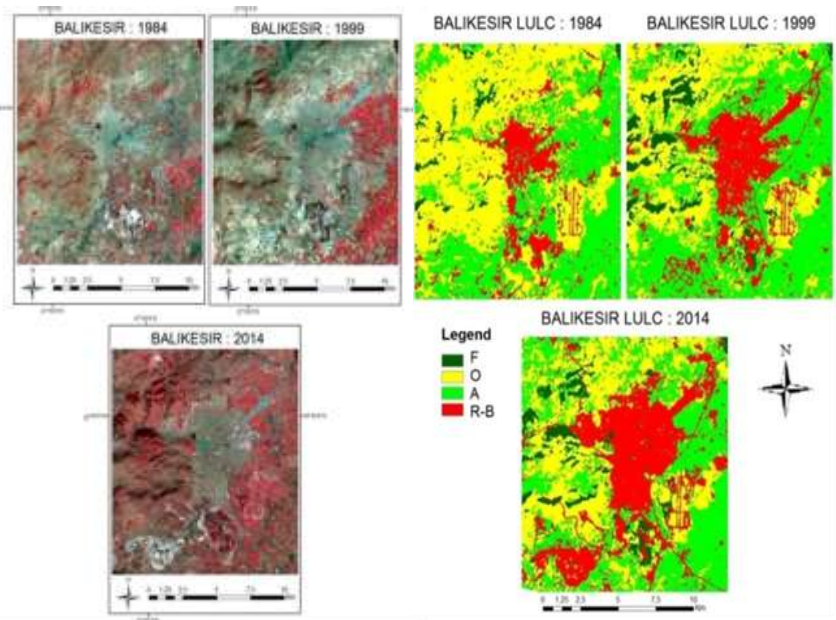






# LIVESTOCK SUITABLE LANDS

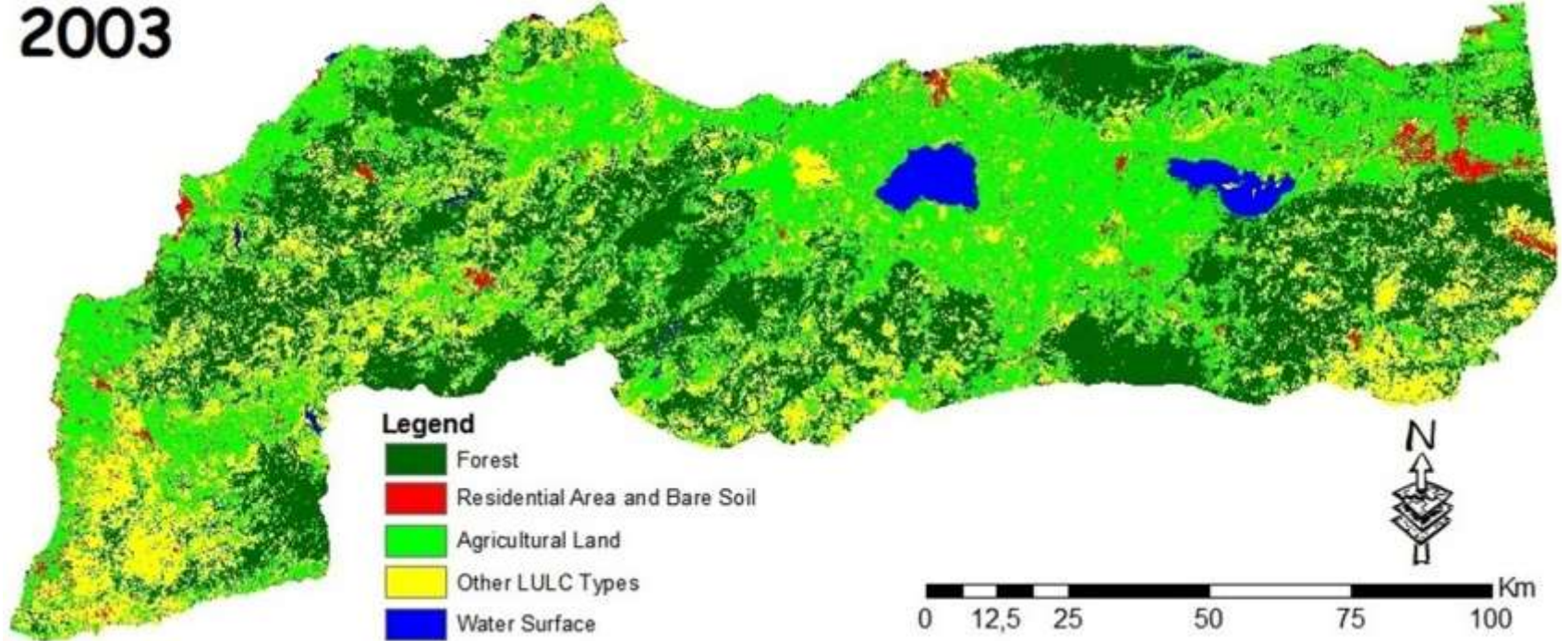




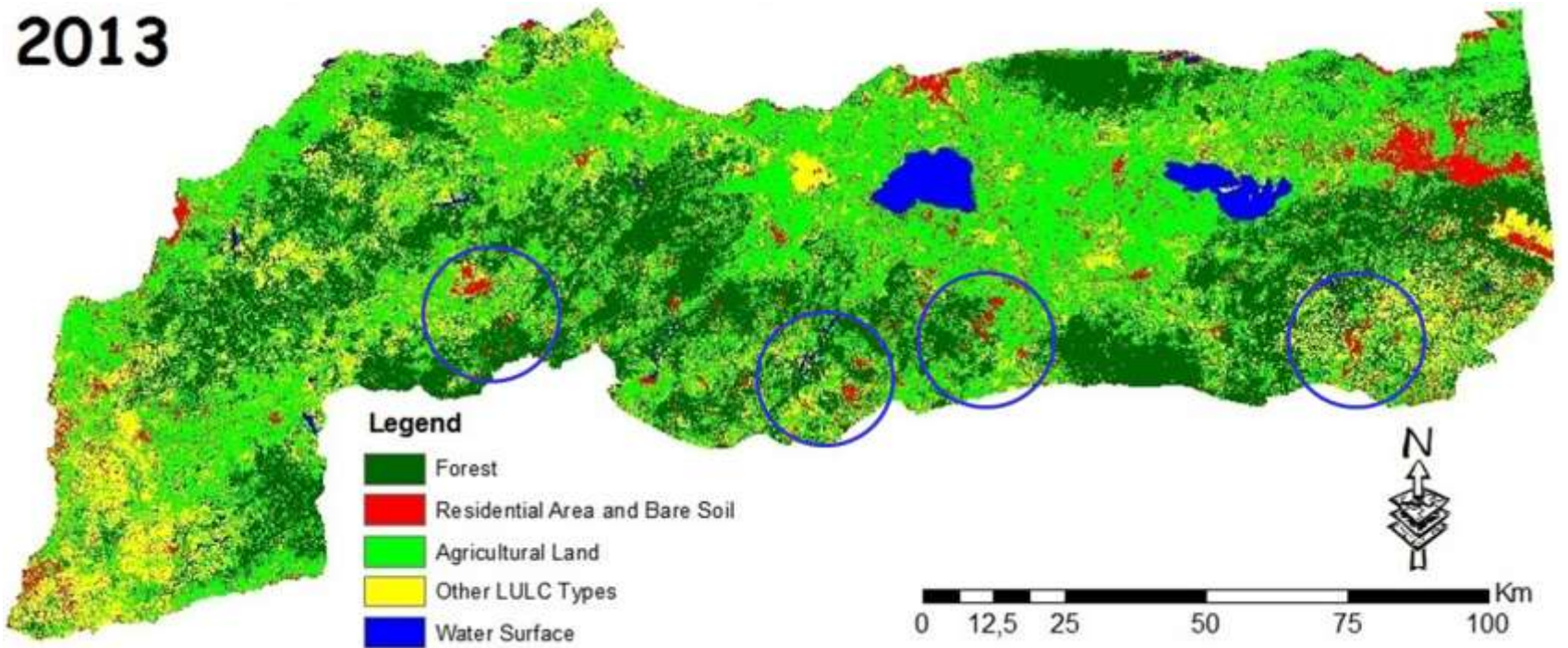
# ESTIMATION OF FUTURE LAND DEMANDS



2003



2013

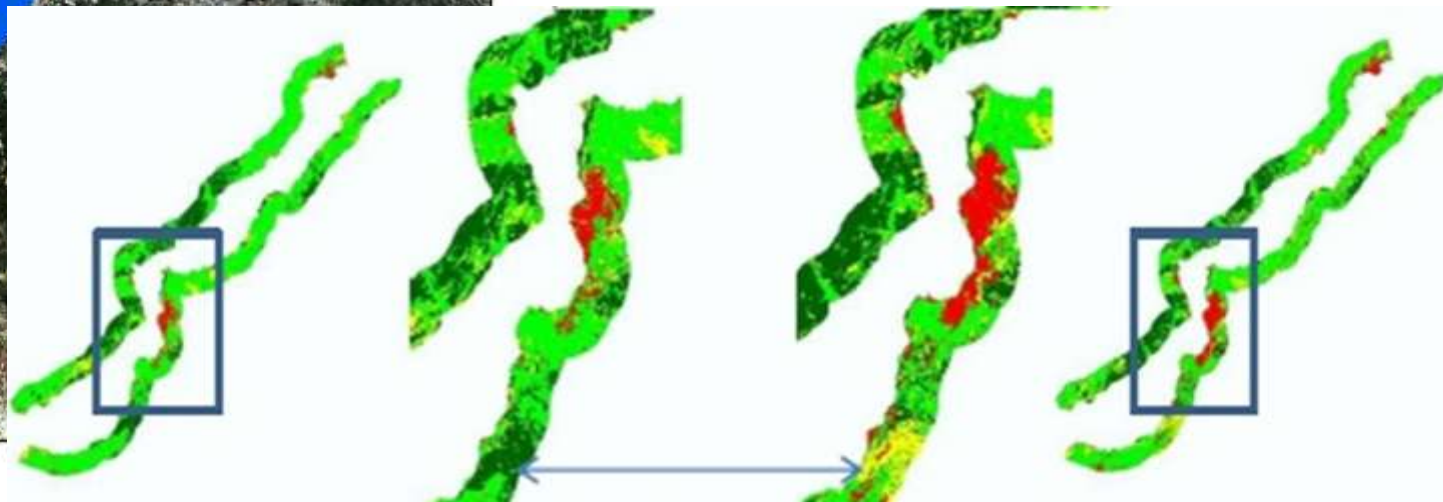






# LULC CHANGES AROUND CANAKKALE STRAIT

Levent GENC  
Burak ASAR





# STUDY GROUP



# THANK YOU