

Unosat AI4EO challenge

DataScienceSeed



il contesto



R E S E A R C H ■



FOUNDATION

OBSERVE TO PREDICT,
PREDICT TO PREVENT.

Earth Observation (EO)





DIAS

Data and Information Access Services

WASDI

wasdi.net

la competizione

OPHI-UNET

Powered by  esa

 terraNIS
New Information Services



unitar

United Nations Institute for Training and Research

UNOSAT

 RUS
 Copernicus

 CERN
openlab

censimento 2020
in Iraq

segmentare
aree urbane
ed edifici

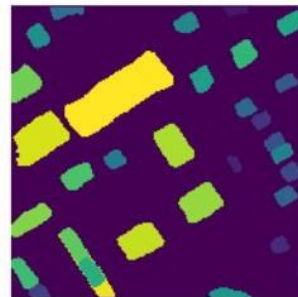
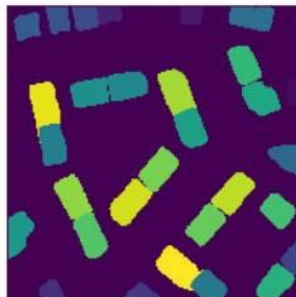
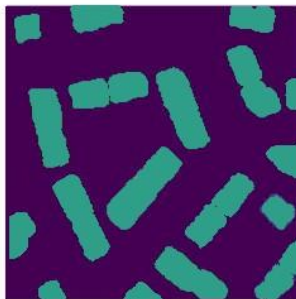
2 fasi

1. **eliminatória:**
segmentazione
semantica
2. **finali (top 5):**
segmentazione per
istanze

Segmentazione
semantica

vs

Segmentazione per
istanze



WASDI Team

(tentative...)

Andrea Rapuzzi (A-Sign)

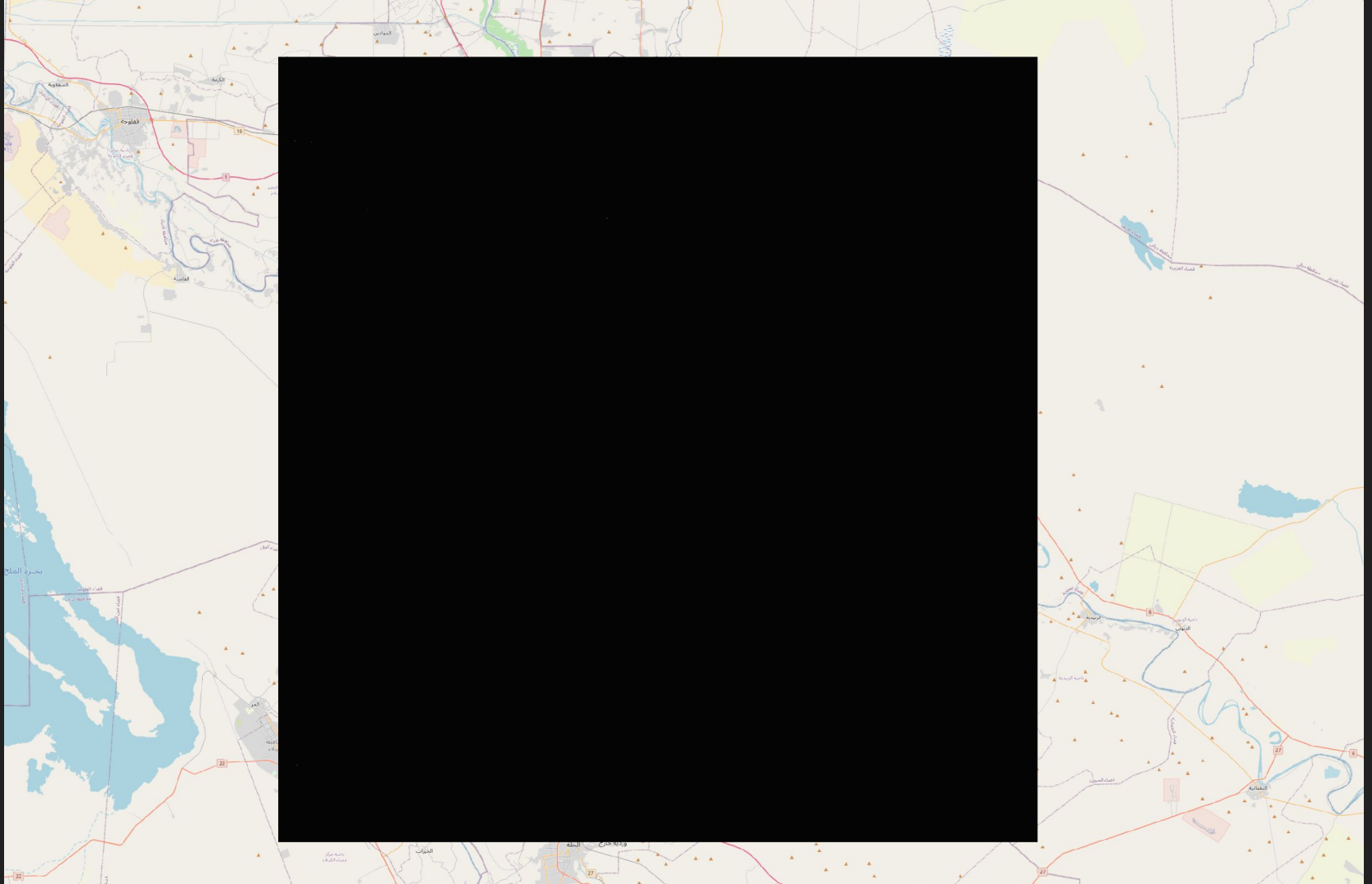
Cristiano Nattero (FadeOut)

Paolo Campanella (FadeOut)

Fase 1

Aree Urbane
Segmentazione Semantica

Sentinel 1 (GRD)



WASDI Team

(amendment)

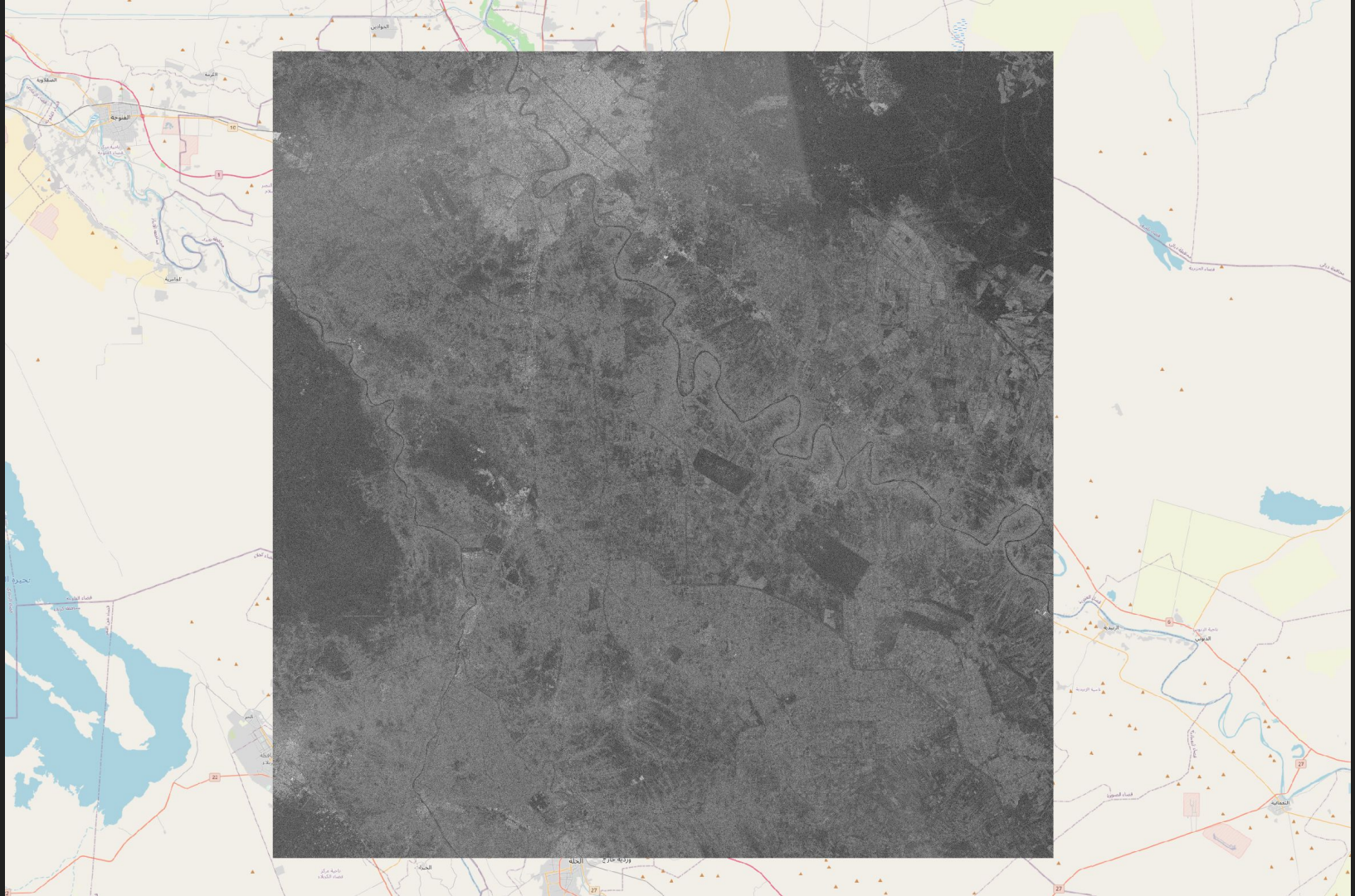
Andrea Rapuzzi (A-Sign)

Cristiano Nattero (FadeOut)

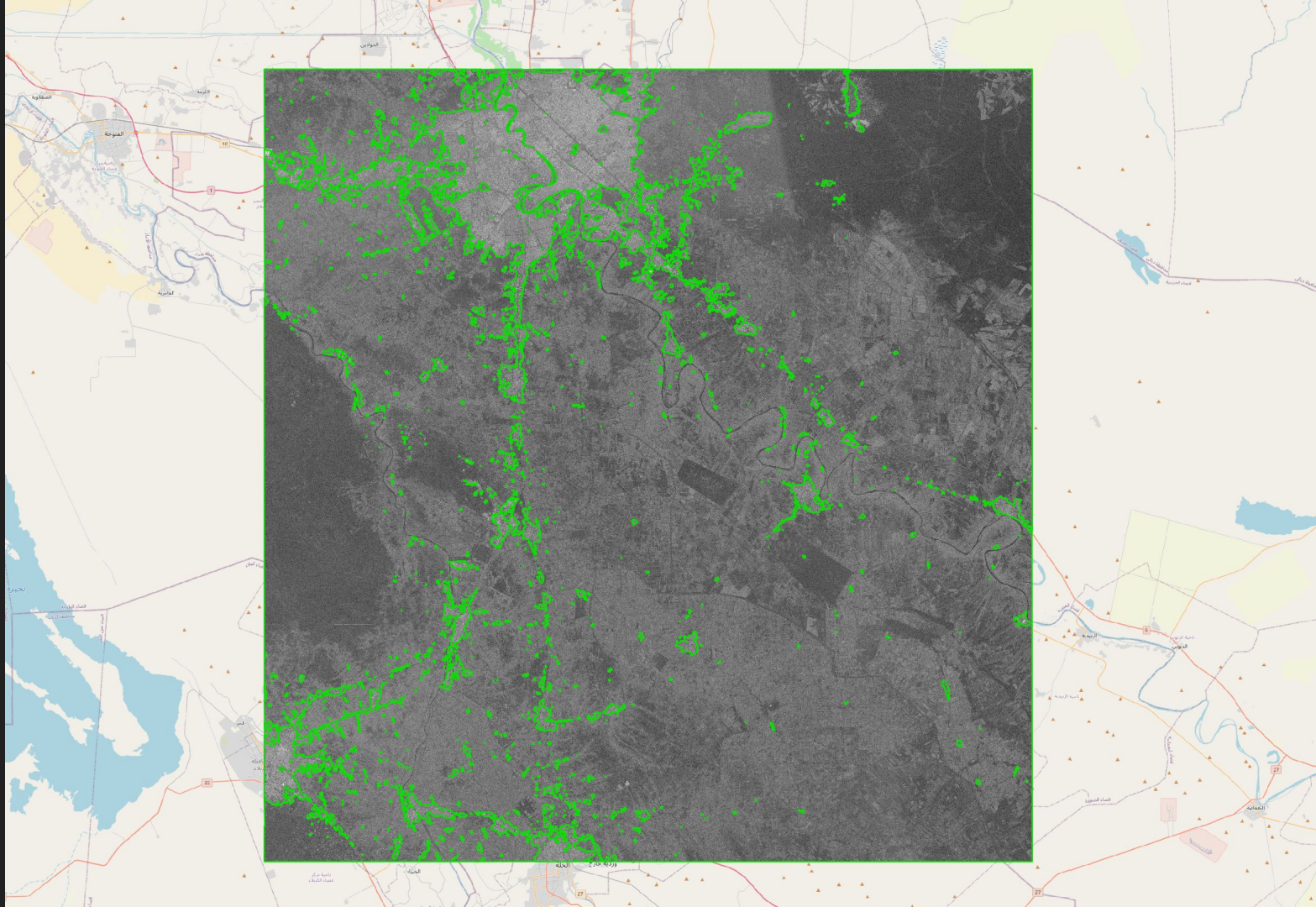
Paolo Campanella (FadeOut)

Ramona Pelich (LIST)

Marco Chini (LIST)



10193 x 10529



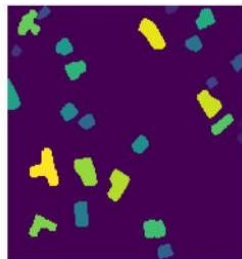
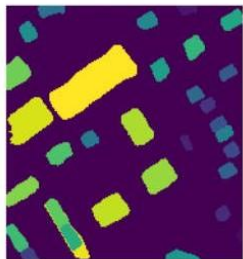
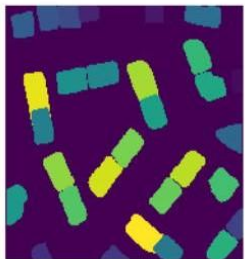
Fase 2

Edifici

Segmentazione per istanze

Immagini ottiche





EOF