Dr. Eleonore Samira MOBAIED

Academic and researcher

- PhD Diploma in Ecology (2011)
 from the MNHN.
- PhD Diploma in Géographie (2022) from the MNHN.
- Founder and director of the independent company
 - Mobaied-Biopeace (2014)

- I developed Spatio- temporal geographical methods to measure and anticipate crises related to the political situation and conflicts.
- I developed methods for research in inaccessible areas because of different reasons: armed conflicts, climatic, sanitary, political, security, and others.

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USE CASE

Spatio-temporal study of the archaeological site Ain Dārah, in Syria during armed conflict.

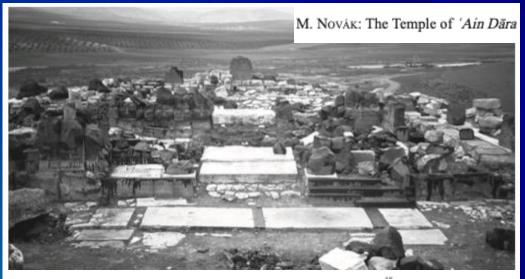
General context

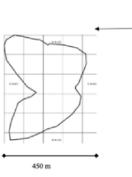
- Ain Dārah settles 7 km south of the city of Afrin in a region characterized by a prosperous water reserve and fertile soil.
- It is a site of cultural and natural heritage of great importance for humanity

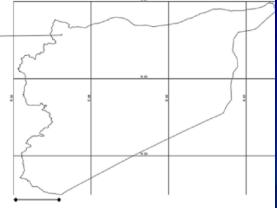
January 2018 crisis alert

- An armed conflict take place in Afrin District.
- Some reporters and media sites have mentioned damage in the region due to the conflicts on 2018.

Application: Remote monitoring- Crises Management Location: Syria, Afrin basin Products: Pléiades Neo Archive







AIRBUS

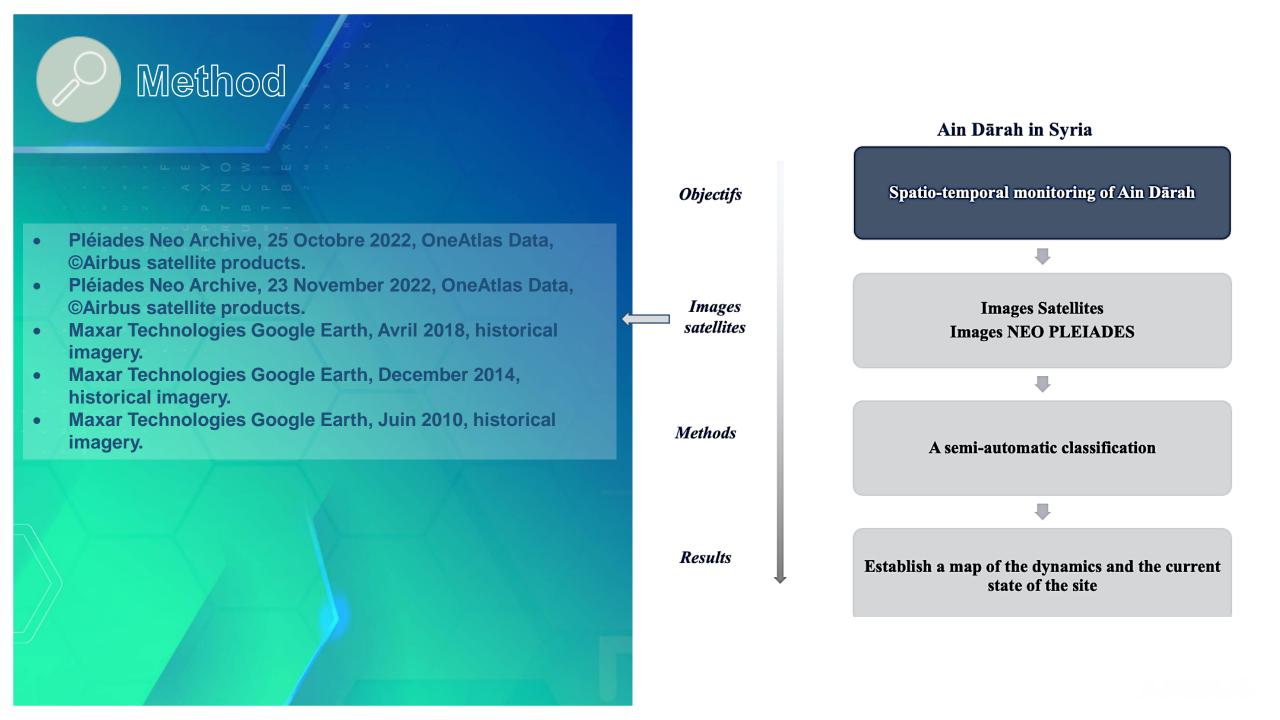


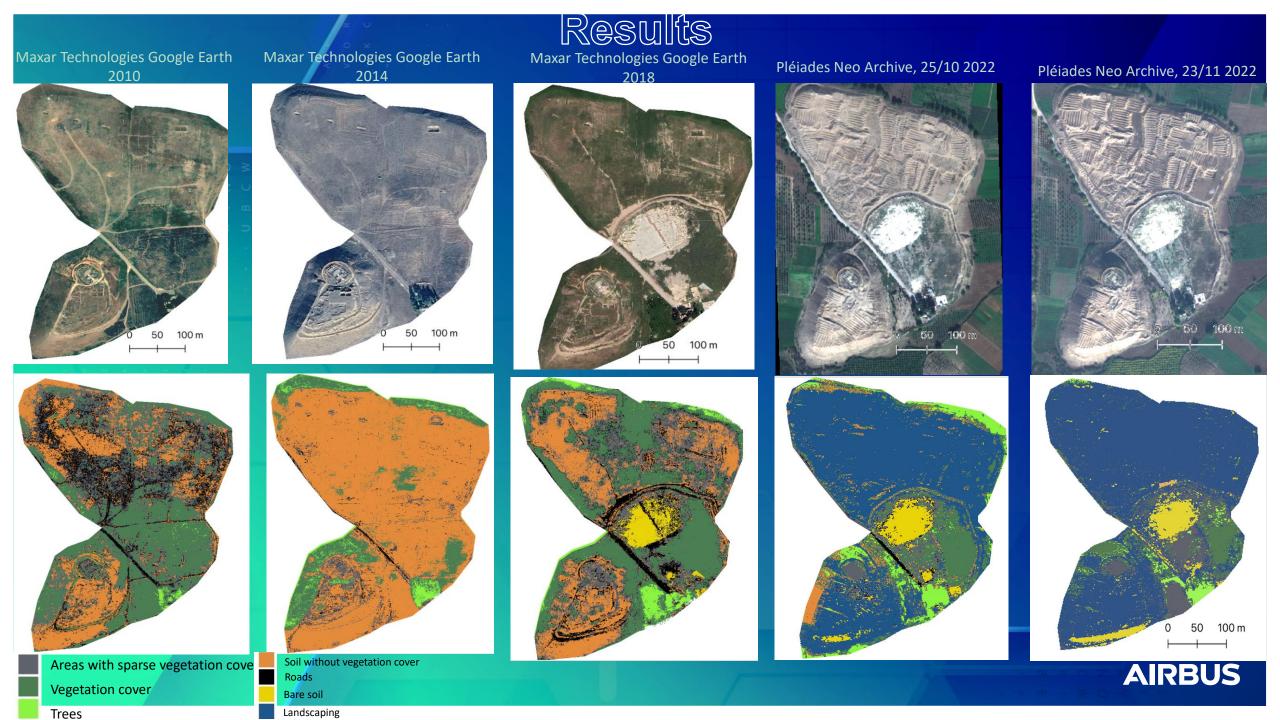


Examine the current state of Ain Dārah using images satellites with high resolution.

Verified the information disseminated in 2018.









During the period from 2010 to 2022 **three types of activity are observed** on the site:

- Dynamics of vegetation cover
- Landscaping activities
- Archeological fieldwork

Archeological fieldwork?

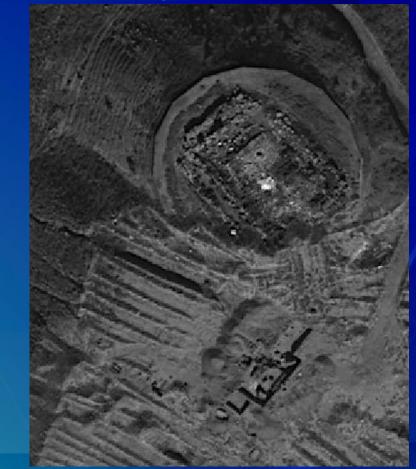




- The image in 2018 shows changes in Ain Dārah temple.
- These changes observed in 2018 cannot be due to bombardments or explosions caused by a conflicts because the impact is precise and targeted cannot be the result of a conflict with a destructive goal.
 These changes observed in 2018 can be interpreted as the beginning of archaeological fieldwork.
 - The interpretations of the archaeological fieldwork activities in this area has been confirmed by the observation of the Pléiades Neo images of 2022.

Pléiades Neo Imagery helped to:

- Remot monitoring the archaeological sites Ain Dārah.
- Confirmed the nature of the activities that occur at the archaeological site Ain Dārah.



Pléiades Neo Archive, 25 Octobre 2022, OneAtlas Data, ©Airbus satellite products.

