CREA-PATRIMOINE SPRING SCHOOL 2022
VISUALIZING ARCHAEOLOGICAL DATA:
GIS MAPPING AND NETWORK MODELING

4-8 April 2022, Université libre de Bruxelles, Brussels

Archaeologists use different methods for visualizing their data – for analysis and for presentation. The international spring school will discuss successful ways to visualize these data and challenges and successes in the application of both GIS and network analysis (NA). Through an integration between theory, studies, and tutored practice, we aim to access the two learnt methods to each participant for independent use.

MONDAY 4.4.22: OPEN FOR THE PUBLIC

09:30-10:30 • Registration for workshop participants

10:30-12:00

Introduction to the Spring School + The Importance of (good) Data Visualization in Humanities (part 1)
Sébastien DE VALERIOLA (Université libre de Bruxelles & ICHEC)

12:30-14:00

The Importance of (good) Data Visualization in Humanities (part 2)
Sébastien DE VALERIOLA (Université libre de Bruxelles & ICHEC)

15:00-16:30 • Keynote

From Mapping to Geospatial Modelling in Archaeology: Where Do We stand, and Where to Go Next?
Philip VERHAGEN (Vrije Universiteit Amsterdam)

17:00-18:30 • Keynote

Archaeology, Materiality and Geo-Space Half a Century after the "Spatial Turn"
Piraye HACIGÜZELLER (Universiteit Antwerpen)

TUESDAY 5.4.22: GIS WORKSHOP (9:30-17:30)

Soetkin VERVUST (Vrije Universiteit Brussel)**, Hagit NOL, Jean VANDEN BROECK-PARANT, Mostafa ALSKAF** (Université libre de Bruxelles)

WEDNESDAY 6.4.22: OPEN FOR THE PUBLIC

10:30-12:00

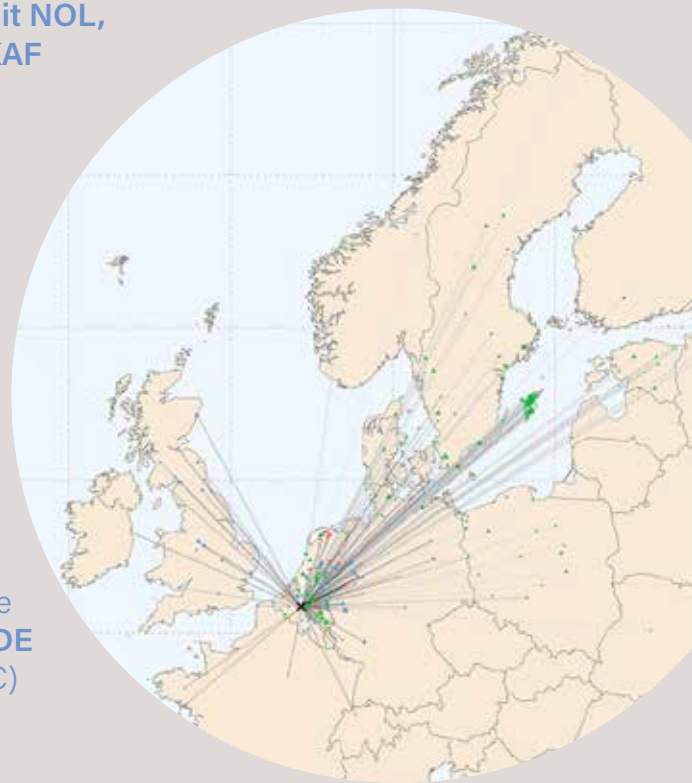Network Analysis: Definitions and Basic Concepts
Nicolas RUFFINI-RONZANI (Université catholique de Louvain & Université de Namur)**, Sébastien DE VALERIOLA** (Université libre de Bruxelles & ICHEC)

12:30-14:00

An Introduction to the Gephi Network Analysis Software
Nicolas RUFFINI-RONZANI (Université catholique de Louvain & Université de Namur)**, Sébastien DE VALERIOLA** (Université libre de Bruxelles & ICHEC)

15:00-16:30 • SNA case studies

Approaching the Social Networks of Temple Builders in 4th C. BC Greece: Methodological Reflections
Jean VANDEN BROECK-PARANT (Université libre de Bruxelles)

Can We Trust Centrality? The Robustness of Centrality Metrics in Historical Networks
Sébastien DE VALERIOLA (Université libre de Bruxelles & ICHEC)

17:00-18:30 • Keynote

Does Archaeology Need Network Science? Illustrated through Medieval Visibility Networks in the Himalayas and Roman Economic Networks
Tom BRUGHMANS (Aarhus University)

19:00 • Dinner for workshop participants

THURSDAY 7.4.22: NETWORK ANALYSIS WORKSHOP (9:30-17:30)

Nicolas RUFFINI-RONZANI (Université catholique de Louvain & Université de Namur)**,**
Sébastien DE VALERIOLA (Université libre de Bruxelles & ICHEC)

FRIDAY 8.4.22: "BRING YOUR OWN DATA" WORKSHOP (9:30-15:30)

► **Who is this for?**
Twenty PhD students and Postdocs
with a preference for:
▪ archaeologists
▪ beginners in both methods (GIS and SNA)
▪ people fluent in English

► **How much does it cost?**
100 €
(notice that tuition includes coffee breaks but excludes accommodation, traveling expenses, and food!)

► **Where and how to apply?**
Send us an email to visualizing.brussels@gmail.com and we will send you a short questionary (so that we know you and your research better). After a selection process, we will confirm or decline your application. The registration will be finalized after your payment of tuition.

► **What is the deadline for applying?**
January 10th, 2022

► **When are answers given?**
By February 5th, 2022

► **What is the deadline for paying tuition?**
February 20th, 2022

► **The workshop is organized by:**
Hagit NOL
Agnès VOKAER
Sébastien DE VALERIOLA
Nicolas RUFFINI-RONZANI
Soetkin VERVUST