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Urban Geoarchaeology

Quentin Borderie, Ferréol Salomon

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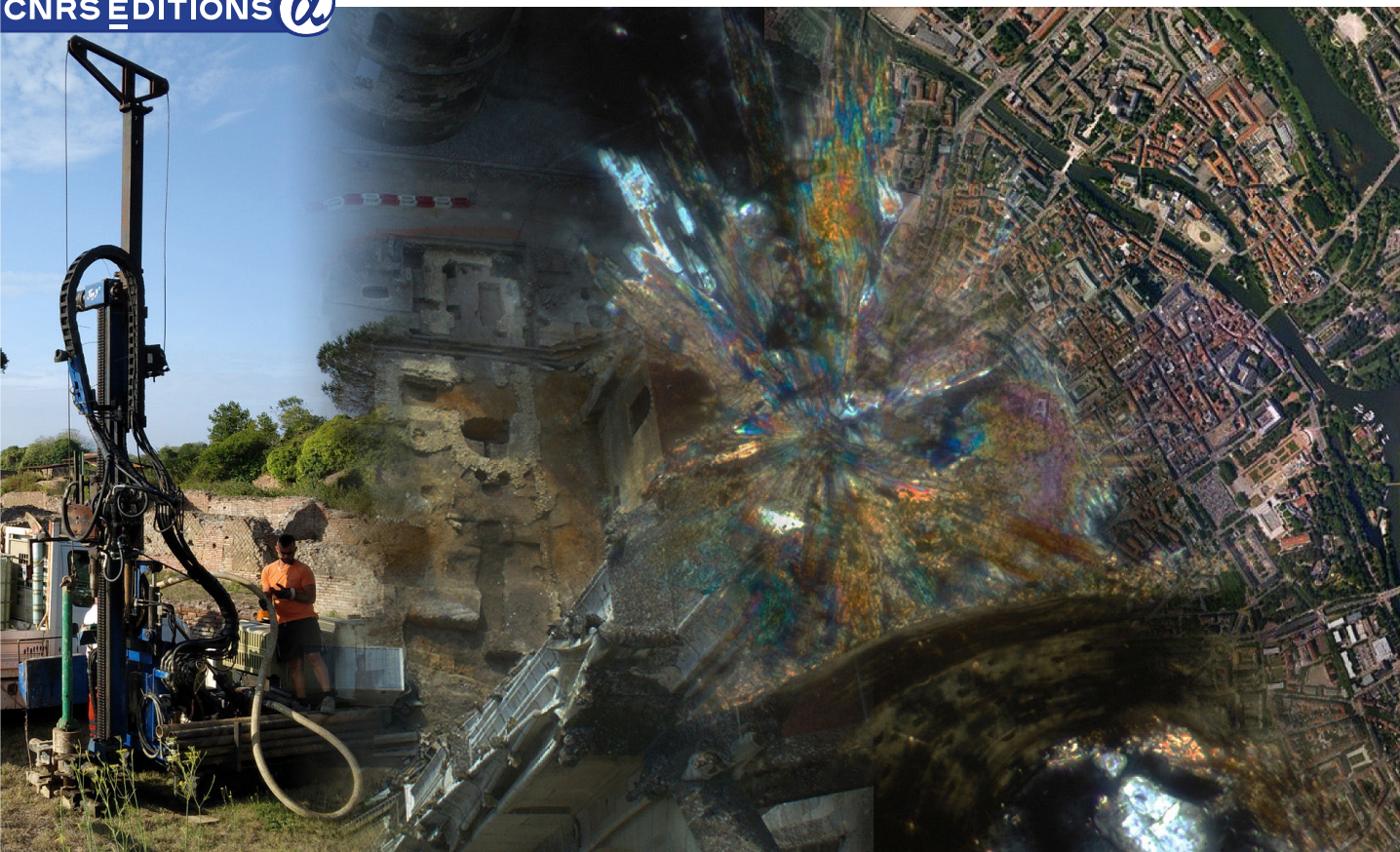


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Scientific editors:
Quentin Borderie and Ferréol Salomon

Urban Geoarchaeology

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The global spread of urbanisation is having a profound impact on environments, climates and social lives. This gives rise to questions about the sustainability of urban areas, the management of soils and sediments and the socio-environmental construction of spaces. Archaeological investigations show that societies produced a wide variety of different urban forms throughout millennia and across continents. By focusing on human-environment interactions through the study of soils and sediments, geoarchaeological research provides new insights into the different ways of making and living in a city in the long term.

With twenty four contributions written by researchers from all over the world, *Urban Geoarchaeology* expands our knowledge of human-environment interactions and ancient urban lifestyles. This volume brings together substantial and comprehensive elements to understand past urban systems, using new interdisciplinary approaches, case studies of broad interest, and innovative techniques to answer historical questions. It shows how geoarchaeologists are producing and discussing new data on the transformation of landscapes through urbanisation. Processes of urban stratification over time are also better understood. The construction of urban spaces can be analysed from the large scale of the urban systems to the microscale of the soil formation, revealing ancient activities and lifestyles. Finally, *Urban Geoarchaeology* helps to connect the past, the present and the future of our cities.

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Cover image:
From left to right: Sedimentary drilling in Ostia (Italy) within the Roman city; archaeological excavation in Beauvais (France) from the top of the 16th century cathedral showing Dark Earths and an 11th century church;
star shaped vivianite crystal and a bone through optic microscope cross-polarised light;
aerial view of Metz (France) and the Mosel River.



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