

Special Issue

Interpreting Past Landscapes: Current Challenges of LIDAR and Aerial Photogrammetry

Message from the Guest Editor

Over the past two decades, LIDAR (light detection and ranging) and aerial photogrammetry technologies have revolutionized archaeology by enabling the detection of structures and topographic changes in areas that are difficult to access or densely vegetated. These methods allow for the systematic analysis of vast landscapes, offering a significant departure from traditional techniques. However, the increasing use of these digital tools requires critical evaluation of archaeological practices and their impact on the construction of historical and archaeological knowledge. This Special Issue seeks submissions that address challenges arising from the widespread use of these methodologies, such as the importance of validating findings through fieldwork or additional sources. Contributions are also welcomed on how LIDAR and aerial photogrammetry influence the understanding of prehistoric and historic landscapes from new perspectives. Topics may include assessing changes in territorial occupation intensity, innovations in site localization, and broader views of how digital tools are used to interpret the morphology of past landscapes.

Guest Editor

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Heritage is an international, peer-reviewed, open access journal that focuses on knowledge, conservation, interpretation and management of cultural and natural heritage, by presenting and enabling novelty and advances in sensing technologies, novel methods, best practices and policies. *Heritage* has the ambition to become a “cultural forum”, where scientists and experts offer answers to significant issues affecting cultural and natural heritage, by creating a knowledge bridge between different technological and social disciplines. *Heritage* has an Editorial Board of eminent international leaders and this ensures rigorous peer-review processing for high quality and novel papers. We strongly recommend *Heritage* for the rapid and professional publication of your innovative research and case studies.

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