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Applications of Geometric Morphometrics and Computational Imaging

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Deadline for manuscript submissions:
closed (30 September 2023)

Message from the Guest Editors

Geometric morphometry (GM) is the shape statistical analysis based on Cartesian coordinates (landmarks) that allows structural data to be quantified and the variation between morphologies to be studied by analyzing their position in space. GM is presented as an alternative to traditional methods for morphological studies through more descriptive and qualitative analyses. With this technique, a new updated toolbox is shown for the study of variations in size and shape, using advanced statistics and a series of tools for the visualization of results.

The topics of interest of this Special Issue include but are not limited to the following:

- Geometric morphometry
- Statistical analysis
- Computer vision
- Machine learning and Deep Learning
- Biological anthropology
- Biological Science
- Medicine
- Paleontology

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Message from the Editor-in-Chief

As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal Applied Sciences has been started to link these subfields, so researchers can cut through the forest and see the surrounding, or quite distant fields and subfields to help develop his/her own research even further with the aid of this multi-dimensional network.

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