



## Structural and Metamorphic Evolutions of the Pre-Alpine Lithosphere of the Alps

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Deadline for manuscript  
submissions:

**closed (22 October 2021)**

### Message from the Guest Editors

Dear Colleagues,

The Alps represent a unique natural laboratory for studying the effect of superposed Wilson cycles. Although the Alpine collision deeply affected the lithosphere of European and Adria plates, signatures of the pre-Alpine evolution can be found in the whole Alpine chain. Magmatic, sedimentary and metamorphic remnants preserved in the Alpine lithosphere indicate a long-lasting history characterized by subduction, collision, post-collisional events, and lithosphere extension, allowing the formation and destruction of supercontinents and oceans. The challenge is reconstructing the tectonic evolution at plate scale starting from small-scale structural, igneous, and metamorphic imprints preserved in the pre-Alpine relicts. Fundamental tools are detailed structural maps, meso- and microstructural analysis, thermo-barometric estimates, geochronology, and models. We encourage the submission of contributions aimed at reconstructing the pre-Alpine history of the lithosphere of the Alps at different scales of investigation, and concerning geological mapping, structural analyses, metamorphic evolution, geochronologic interpretation, and numerical modelling.

*Guest Editors*





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## Message from the Editor-in-Chief

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