



Historical Mineral Pigments

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Deadline for manuscript submissions:

closed (10 August 2020)

Message from the Guest Editors

In historic paintings, in-depth studies are required to focus on pigment–(organic) binder interaction under diverse exposure scenarios; (urban and marine) air pollution-induced weathering; mitigation protocols so as to retard the photodegradation of pigments contained in paintings; biodeterioration due to microorganisms or insect debris, as well as the impact of airborne organic particles; pigment susceptibility to weathering considering its morphology, associated impurities, and particle size, with special attention to the presence of nanoparticles; detailed characterization of carbon-, clay- and earth-pigments; radiation damage during analysis; effects of surface cleaning and protection treatments; and application of novel analytical methodologies based on hyphenated techniques that offer remarkable advantages in the analysis of complex paintings (hybrid composite materials). All of these topics are welcome to be tackled in this Special Issue.





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Message from the Editor-in-Chief

Minerals welcomes submissions that report basic and applied research in mineralogy. Research areas of traditional interest are mineral deposits, mining, mineral processing and environmental mineralogy. The journal footprint also includes novel uses of elemental and isotopic analyses of minerals for petrology, geochronology and thermochronology, thermobarometry, ore genesis and sedimentary provenance. Contributions are encouraged in emerging research areas such as applications of quantitative mineralogy to the oil and gas, manufacturing, forensic science, climate change, geohazard and health sectors.

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