



Geology and Mineralogy of Hydrothermal Gold Deposits

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Message from the Guest Editors

In this century, there have been important advances in the classification and understanding of hydrothermal gold deposits, as gold occurs in different deposit types and geological settings. The deposit types encompass a wide range of genetic models, such as orogenic; reduced intrusion-related; Cu–Au porphyry; skarn; high-, intermediate-, and low-sulfidation epithermals; Carlin; Au-rich VMS; IOCG; or Witwatersrand-type deposits. In a broad sense, gold deposits can fit roughly into any of the defined models, but each deposit has distinctive characteristics and/or is not easily classifiable. Therefore, their study provides new data for improving the existing models. This Special Issue will focus on the geology and mineralogy of hydrothermal gold deposits in order to gain insight into the geodynamic history, metal sources, and transport, together with depositional mechanisms in these systems. This Special Issue is an attempt to create up-to-date information on gold deposit models. We thank you and look forward to receiving your contributions.





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Message from the Editor-in-Chief

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