Special Issue

Environmentally-Induced Failures of Electronic Grade Alloys and Coatings

Message from the Guest Editor

Electronic-grade alloys are used in numerous electronic devices and systems. Electronic systems are becoming more important in our everyday lives. Consequently, electronic-grade alloys should exhibit excellent mechanical, electrical, thermal, and reliability properties. This initiates the continuous development and preparation of new alloys via the use of novel techniques. In many fields, electronic devices need to operate in harsh environments, so not only the quality but the long-term reliability of the applied alloys is also critical. There is a strong need to investigate the environmentally induced failure mechanisms in these alloys. This Special Issue is dedicated to disseminating the recent advancements and latest results in this rapidly evolving interdisciplinary research field.

Guest Editor

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