Energy & Environment

Recycling of Secondary, Byproduct Materials and Energy

There has been a significant mismatch between the technical needs for responsible treatment of secondary, byproduct materials and embodied energy of materials and the ability to achieve economically feasible and sustainable operations. These materials and their embodied energy are generally low value and can be quite complex due to the significant variation in properties leading to potential mismatch among complexity, regulations and available resources. This symposium will provide a forum for papers exploring the valorization of materials and their embodied energy including byproducts or coproducts from ferrous and nonferrous industries, batteries, electronics, and other complex secondary materials. Those papers providing perspective on both the technical as well as policy-based challenges are encouraged to submit.

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