

## Special Issue

# Recent Advances in Magnetoelectric Materials and Devices

### Message from the Guest Editors

Over the last several decades, the magnetoelectric (ME) effect has advanced rapidly and significantly, attracting both research and industrial attention. ME materials have been created in bulk and thin film, including single-phase compounds and composites such as piezoelectric/magnetostrictive composites in layered, granular, or pillared form via strain-mediated contact. ME materials exhibit a wide range of successful device applications, including ME antennas, magnetic field sensors, and actuators, to mention a few, that are lightweight, tiny, and low power and are dramatically transforming our daily lives. Both potential and challenges abound from the perspective of ME materials and devices, and many unanswered questions remain. Accordingly, this Special Issue seeks to showcase research papers, and review articles that focus on (1) new design, fabrication, characterization of ME materials in either single phase or composite form; and (2) modeling and characterization of ME devices with various configurations.

### Guest Editors

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### Deadline for manuscript submissions

closed (31 March 2023)



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### Editor-in-Chief

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