

CALL FOR PAPERS

International Symposium on Testing and Specification of Recycled Materials for Sustainable Geotechnical Construction

This symposium will provide a forum for exchange of ideas on current research nationally and internationally on the use of industrial byproducts and other recycled materials in geotechnical construction. A key objective is to identify new opportunities for standards and specifications that will facilitate more widespread and common use of industrial byproducts and other recycled materials in geotechnical construction. Both geoenvironmental and geomechanical issues will be covered as well as life cycle assessment, impacts on greenhouse gas emissions, and energy consumption.

Articles on laboratory and field tests used to measure the properties of recycled materials, development of specifications, and case histories are of interest. Case histories that demonstrate or assess the utility of test methods, evaluation techniques, or construction specifications are of particular interest.

Other topics that are of interest include (but are not limited to):

- Impediments to using industrial byproducts and other recycled materials in construction
- Assessment of potential environmental impacts, including test methods and screening/evaluation procedures
- Characterization and measurement of engineering properties of industrial byproducts and other recycled materials
- Application or adaptation of existing standards for recycled materials and industrial byproducts
- Characterization and measurement of durability properties
- Coal combustion products, scrap tires, foundry products, slags, recycled asphalt, recycled concrete, recycled asphalt shingles
- Need for new standards related to industrial byproducts and other recycled materials

All papers will be peer-reviewed papers and published in an ASTM Special Technical Publication and ASTM's online journal, the *Journal of ASTM International* (JAI).