Special Issue

Advances in Pavement Asphalt Recycling

Message from the Guest Editors

Reclaimed asphalt pavement (RAP) has garnered increased attention owing to the substantial cost, resource, and environmental advantages it offers. Nevertheless, despite the fact that many projects have initiated the utilization of RAP materials, the efficient employment of such materials still encounters numerous challenges. Presently, the main efforts are centered on augmenting the proportion of RAP in new mixtures, while concurrently enhancing the road performance properties of mixtures containing RAP. Numerous profound accomplishments regarding RAP are being achieved annually from both academic and industrial perspectives, and, therefore, Materials would like to launch a Special Issue devoted to "Advances in Pavement Asphalt Recycling", calling for papers focused on, but not limited to, the following topics: successful case studies on the application of RAP materials in engineering; research into the utilization of high-content RAP materials in pavement recycling technology; the exploration and advancement of highly efficient and eco-friendly rejuvenators; multi-scale modeling of recycled asphalt mixtures; blending mechanisms of recycled asphalt mixtures.

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Deadline for manuscript submissions

30 September 2025

Materials

an Open Access Journal by MDPI

Impact Factor 3.2
CiteScore 6.4
Indexed in PubMed

mdpi.com/si/227078

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mdpi.com/journal/materials

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Message from the Editor-in-Chief

Materials (ISSN 1996-1944) was launched in 2008. The journal covers twenty-five comprehensive topics: biomaterials, energy materials, advanced composites, advanced materials characterization, porous materials, manufacturing processes and systems, advanced nanomaterials and nanotechnology, smart materials, thin films and interfaces, catalytic materials, carbon materials, materials chemistry, materials physics, optics and photonics, corrosion, construction and building materials, materials simulation and design, electronic materials, advanced and functional ceramics and glasses, metals and alloys, soft matter, polymeric materials, quantum materials, mechanics of materials, green materials, general. *Materials* provides a unique opportunity to contribute high quality articles and to take advantage of its large readership.

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