

**SPECIAL EDITION**  
**WASTES AS BUILDING MATERIALS**

The journal *Ambiente Construído* will produce a special number about the use of wastes as building materials in 2018 (only papers in English will be accepted). This action is coordinated by ANTAC (Brazilian Association of Technology of the Built Environment), sub-group (WorkGroup-Wastes).

We seek for the high-quality and original articles that can contribute to the advance of the knowledge on this topic. Part of the conference articles presented in our national meetings (ENARC/Recycle 2015 – ENARC 2017) will be indicated by the scientific committees and they will be invited to extend the version of the articles. This call for manuscripts submission is also extended for all researches around world that is dealing with this topic. We highlight some interested themes for this special number publication:

- Waste management (diagnostics, materials flow, composition, waste management strategies, reverse logistics, economic analysis/ business models, risk analysis, waste generations indicators, information trackability, wastage, Design for deconstruction, dismantling of buildings, policy, legislation).
- Processing of wastes (equipment, processing techniques, separability, processing flowcharts, sequence of recycling operations, mobile plants, case studies)
- Characterization of wastes (methodologies, methods/protocols, new methods/procedures, methodological approach comparisons, quality control, variability analysis).

- Development and performance of recycled products (pavements, geotechnical applications, use in cement based materials, formulations, treatments).
- Environmental evaluations of processes and products containing wastes (Life Cycle Analysis, footprint analysis of environmental aspects – water, CO<sub>2</sub>, etc, ecoefficiency analysis, leaching, toxicity).
- Innovation of materials or building components containing wastes (patents, new binders, new aggregates, new building materials or components, eco-design, etc).

Articles submitted will be evaluated at least by 3 peer-reviewers chosen by Editorial Board. The schedule of this call is:

- (a) Submission of the articles: until december, 15th 2017;
- (b) Evaluation by the Editorial Board: until may, 15th 2018;
- (c) Deadline for the submission of the revised papers: until june, 15th 2018;
- (d) Publication: october, 1th 2018.

Submission web address:

<http://www.seer.ufrgs.br/index.php/ambienteconstruido/about/submissions>

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