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## Advances in Lightweight Aggregate Concrete

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Deadline for manuscript submissions:

**closed (31 December 2019)**

### Message from the Guest Editor

Dear Colleagues,

Lightweight aggregate concrete (LWAC), usually characterized by densities less than 2000 kg/m<sup>3</sup> and thermal conductivity coefficients up to 1.0 W/m °C, is a lighter and more energy efficient alternative solution to normal weight concrete. This Special Issue will present some of the latest developments and advances in lightweight aggregate concrete, concerning its technology, production, use, general performance, and new emerging solutions. Original papers dealing with new advances in LWAC are welcome, namely involving manufacture, material properties, mix design, fresh, and hardened behavior of concrete, durability, service life assessment, structural design, testing, modeling, sustainability, repair and maintenance, composite solutions, and new emerging types of LWA and LWAC. The main objective is to present some of the most recent research in the field of LWAC, to foster a better understanding and greater confidence in using LWAC, and highlight the remaining challenges and future perspectives for LWAC





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## Message from the Editor-in-Chief

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