عنوان فارسی مقاله:
موجودی چرخه عمر آب در تولید بتن - یک بررسی

عنوان انگلیسی مقاله:
Life cycle water inventory in concrete production—A review

توجه!
این فایل تنها قسمتی از ترجمه میباشد. برای تهیه مقاله ترجمه شده کامل با فرمت ورد (قابل ویرایش) همراه با نسخه انگلیسی مقاله، اینجا کلیک کنید.
7. Conclusions

The aim of this paper is to review the various water inventory methodologies and understand their implications on the water inventory figures in concrete’s life cycle from cradle-to-gate. This was done in order to understand the wide dispersion of the inventory data that was found in the literature.

The water use for different components and processes in concrete production cradle-to-gate were identified along with water inventory figures. A large dispersion between the water inventory figures was found. This variability depends not only on the process used and the product obtained but also on the methodology used for its estimation, which may have different definitions in terms of water withdrawal, water discharge, and water consumption. The differences in the definitions have large implications on conducting inventories and footprints.