Special Issue

Engineering Software Sustainability

Message from the Guest Editors

In recent years, requirements engineers and software architects have contributed to defining the notion of software sustainability as a quality requirement. Several initiatives have investigated the contribution of certain quality attributes to the dimensions of sustainability, confirming its multidimensional nature. However, as software systems operate in dynamic, distributed, and complex environments, software sustainability should be also empirically investigated with respect to its impact in different time scales. Moreover, the inter- and intra dependencies among sustainability dimensions must be understood in earlier stages of the software lifecycle for supporting software engineering (SE) activities such as requirements management, software design, software evolution, and so on. In the literature, SE researchers have investigated software sustainability from at least two distinct viewpoints: sustainability in software, and sustainability by software. This Special Issue focuses on engineering both sustainability viewpoints and will contribute to sustainability by developing software products through sustainable processes, methods, techniques, practices, and tools.

Guest Editors

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Prof. Dr. João M. Fernandes

Prof. Dr. Rafael Capilla

Prof. Dr. Patricia Lago

Deadline for manuscript submissions

closed (15 September 2021)

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Message from the Editor-in-Chief

I encourage you to contribute a research or comprehensive review article for consideration for publication in *Sustainability*, an international Open Access journal which provides an advanced forum for research findings in areas related to sustainability and sustainable development. *Sustainability* publishes original research articles, review articles and communications. I am confident you will find the journal contributes to enhancing understanding of sustainability and fostering initiatives and applications of sustainability-based measures and activities.

Editor-in-Chief

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