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Management and Reuse of Sewage Sludge from Wastewater Treatment

Guest Editors:

Dr. Alicia Ronda Gálvez

Chemical and Environmental Engineering, University of Seville, Sevilla. Spain

Dr. María Ángeles Martín-Lara

Department of Chemical Engineering, University of Granada, 18071 Granada, Spain

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Message from the Guest Editors

Sewage sludge is the solid by-product of municipal and industrial wastewater treatment plants. The global production of sewage sludge is expected to rise significantly in the next years due to increasing water demand and the requirements of wastewater treatment plants. With this increased sludge production, the necessity of an economic and environmentally sustainable treatment process is an important social issue. The papers of this Special Issue will address the current state of the art on the existing sewage sludge management solutions in terms of efficiency and environmental sustainability, in the circular economy "from waste to resources" sense. The importance of sewage sludge as a valuable source of matter and energy has been appreciated; however, its application has an associate risk due to the content of inorganic and organic toxic contaminants. Therefore, management solutions will have to take into account the economic and sustainable use of sewage sludge, and the existing legislation. Moreover, contributions are not limited to sewage sludge, and works related to obtained products from sewage sludge valorization will be also relevant.







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Dr. Jean-Luc PROBST

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Message from the Editor-in-Chief

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