

Editorial

New Trends in Environmental Engineering, Agriculture, Food Production, and Analysis

Anna Iwaniak ¹, Wojciech Janczukowicz ² and Joanna Rodziewicz ^{2,*}

¹ Faculty of Food Science, University of Warmia and Mazury in Olsztyn, Pl. Cieszyński 1, 10-726 Olsztyn, Poland; ami@uwm.edu.pl

² Faculty of Geoengineering, University of Warmia and Mazury in Olsztyn, Warszawska 117a, 10-719 Olsztyn, Poland; jawoj@uwm.edu.pl

* Correspondence: joanna.rodziewicz@uwm.edu.pl

Modern agriculture and aquaculture, as well as related food processing, are associated with a significant use of environmental resources and a growing impact on the natural environment. Research is being carried out on the use of modern technologies of plant breeding, animal husbandry, sustainable water, energy, sewage and waste management in food production and processing, as well as new technologies for wastewater treatment and waste disposal, in order to protect the natural environment.

This Special Issue presents the latest advances in agriculture, aquaculture, food technology, and environmental engineering, discussing, among others, the following issues: New technologies in water and wastewater treatment; new sludge and waste management systems; the role of technological processes to improve food quality and safety; new trends in the analysis of food and food components including *in vitro*, *in vivo*, and *in silico* methods; and functional and structural aspects of bioactivities of food molecules.

This book includes a series of twenty one research studies that reveal new knowledge about environmental engineering, agriculture, and food protection. The topics covered span many diverse areas including: Environmental engineering [1–8], agriculture, food properties and protection [9–17], and aquaculture [18–21].

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