

Editorial

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Biographical notes: Mostafa Ezziyyani received his Licence degree, Diplôme de Cycle Supérieur en Informatique and PhD in Information System Engineering, respectively, in 1994, 1996 and 1999, from the Mohammed V University in Rabat, Morocco. He also received his second PhD in Distributed Systems and Web Technologies from the Abdelmalek Essaadi University, in 2006. In 2008, he received a Researcher Professor Ability Grade. In 2015, he receives a PES Grade – the highest degree at Morocco University. He is now a Full Professor of Computer Engineering from the Abdelmalek Essaadi University. His research activities focus on the modelling databases and integration of heterogeneous and distributed systems, with the various developments to the big data, data sciences, data analytics, system decision support, knowledge management, object DB, active DB, multi-system agents, distributed systems and mediation. This research is at the crossroads of databases, artificial intelligence, software engineering and programming.

Mohammed Ezziyyani is a Professor at the Faculty Polydisciplinary of Larache of Abdelmalek Essaâdi University, Morocco. He obtained his PhD in Biology from the University of Murcia-Spain. Her main research areas are biological control of pathogens, plant-microbe interactions, studying proteins, antibiotics, and impact of climate change on agriculture and microorganisms. He has been invited as a speaker for numerous national and international conferences. He is a member of the editorial board of the *Journal of Applied Biosciences*, and collaborates, as a referee, with several scientific journals. So far, he has published almost of several scientific articles on peer-reviewed journals, together with book chapters and three patents.

The special issue consists of seven articles representing all issues covered by the International Conference on Advanced Intelligent Systems for Sustainable Development (AI2SD'2018) applied to agriculture, energy, health and environment, while demonstrating the wide-ranging of different interests of our target audience.

- Article 1 ‘Investigating the impact of drying parameters on the dandelion root using full factorial design of experiments’
- Article 2 ‘Predictable consequences of climate change for varieties of strawberry plants grown in Morocco’
- Article 3 ‘Type 2 fuzzy TOPSIS for agriculture MCDM problems’
- Article 4 ‘Automated greenhouse system for tomato crop using deep learning’
- Article 5 ‘Comparative study of the pathogenic variability of some Moroccan isolates of *Botrytis cinerea*’
- Article 6 ‘Modelling potential impacts of climate change on the geospatial distribution of phytopathogenic telluric fungi’
- Article 7 ‘How can data mining help us to predict the influence of climate change on Mediterranean agriculture?’

The special issue owes much to many people. We wish to thank the authors for submitting papers to the special issue of *IJSAMI*. We are grateful that they responded to our invitation. Thanks are also given to the editorial board for supporting it so wholeheartedly, and particularly those who contributed with research work and reviewing of submitted papers. We hope that the *International Journal of Sustainable Agricultural Management and Informatics* will continue to serve the developments on advanced intelligent systems for sustainable development applied to agriculture, energy, health and environment and will be a major catalyst within representing ideas and research work in the specific field. Finally, we would like to thank Professor Basil Manos, Editor-in-Chief of the *International Journal of Sustainable Agricultural Management and Informatics*, for hosting and supporting our work. We hope that this special issue will promote the (AI2SD'2018), scientific areas and contribute to the latest developments and advanced intelligent systems for sustainable development applied to agriculture, energy, health and environment.