

Table of Contents

International Journal of Agricultural and Environmental Information Systems

Volume 10 • Issue 4 • October-December-2019 • ISSN: 1947-3192 • eISSN: 1947-3206

Research Articles

- 1 **Soybean Price Pattern Discovery Via Toeplitz Inverse Covariance-Based Clustering**
Hua Ling Deng, Northeast Agricultural University, Harbin, China
Yù Qiàn Sūn, Northeast Agricultural University, Harbin, China

- 18 **A Thresholding Approach for Pollen Detection in Images Based on Simulated Annealing Algorithm**
Hanane Menad, EEDIS Laboratory, Djillali Liabes University, Sidi Bel Abbes, Algeria
Farah Ben-Naoum, EEDIS Laboratory, University of Djillali Liabes, Sidi Bel Abbes, Algeria
Abdelmalek Amine, GeCoDe Laboratory, Department of Computer Science, Tahar Moulay University of Saida, Saida, Algeria

- 37 **A Bayesian Probability Model Can Simulate the Knowledge of Soybean Rust Researchers to Optimize the Application of Fungicides**
Gregory Vinicius Conor Figueiredo, Instituto Federal do Paraná, Campus Telêmaco Borba, Paraná, Brazil
Lucas Henrique Fantin, Universidade Estadual de Londrina, Londrina, Brazil
Marcelo Giovanetti Canteri, Universidade Estadual de Londrina, Londrina, Brazil
José Carlos Ferreira da Rocha, Universidade Estadual de Ponta Grossa, Santos Andrade, Brazil
David de Souza Jaccoud Filho, Universidade Estadual de Ponta Grossa, Santos Andrade, Brazil

COPYRIGHT

The **International Journal of Agricultural and Environmental Information Systems (IJAEIS)** (ISSN 1947-3192; eISSN 1947-3206), Copyright © 2021 IGI Global. From the journal's inception, January 1, 2010, to December 31, 2020, all rights, including translation into other languages is reserved by the publisher, unless otherwise stated in the article manuscript. As of January 1, 2021, this journal operates under the gold Open Access model, whereby all content published after this date is distributed under the terms of the Creative Commons Attribution 4.0 International (CC BY 4.0) License (<http://creativecommons.org/licenses/by/4.0/>) where copyright for the work remains solely with the author(s) of the article manuscript. Product or company names used in this journal are for identification purposes only. Inclusion of the names of the products or companies does not indicate a claim of ownership by IGI Global of the trademark or registered trademark. The views expressed in this journal are those of the authors but not necessarily of IGI Global.

The *International Journal of Agricultural and Environmental Information Systems* is indexed or listed in the following: Bacon's Media Directory; Cabell's Directories; Compendex (Elsevier Engineering Index); DBLP; Google Scholar; INSPEC; JournalTOCs; Library & Information Science Abstracts (LISA); MediaFinder; SCOPUS; The Standard Periodical Directory; Ulrich's Periodicals Directory; Web of Science; Web of Science Emerging Sources Citation Index (ESCI)