

Special Issue

Data-Driven Decision Making in Animal Industries

Message from the Guest Editor

Many industries are experiencing an era of ‘much ado about data’. Livestock production systems are using data on animal movement, feed intakes, and/or volumes of production to make management decisions. Predictive analytics are being used to attempt to anticipate which animals may require intervention by producers to prevent/treat illness or improve performance. Market data for both inputs, and outputs are driving on-farm decisions making. Meanwhile, significant advances in pet and companion animal management have facilitated caretakers in collecting new types of data with pet animal fitness/movement trackers and cameras tracking movement of pets. Analytics on large datasets, or ‘big data’, often incorporating multiple types of data, such as financial data alongside biological performance data from animals, is changing animal industries. We invite original research papers that employ data analytics to drive decision making in animal industries, including both livestock and companion animal industries. Topics of special interest are those in which economics and animal production or care intersect.

Guest Editor

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About the Journal

Message from the Editor-in-Chief

Animals is an on-line open access journal that was first published in 2011. *Animals* adheres to rigorous peerreview and editorial processes and publishes only high quality manuscripts that address important issues in the many varied disciplines that involve animals, with a focus on animal science, animal welfare and animal ethics. *Animals* is covered in the Science Citation Index Expanded (SCIE) in Web of Science, with the latest Impact Factor: 2.7 (2024, ranks 15/86 (Q1) in 'Agriculture, Dairy & Animal Science'; 21/170 (Q1) in 'Veterinary Sciences'), 5-Year Impact Factor: 3.2.

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