



Precision Livestock Farming: Monitoring Pig Behavioral Characteristics by Using Sensors and Data

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Message from the Guest Editor

Animal welfare is receiving increasing attention, and this especially applies to the welfare of intensively kept livestock such as pigs. Monitoring behavior forms a basis for measuring and improving pig welfare. Many research groups are working on automating the monitoring of pig behavior, and numerous sensors and data applications are being developed. The focus of this Special Issue is precisely this field of research: monitoring pig behavioral characteristics using sensors and data. The scope of the Special Issue includes measuring behavior using sensors and data in sows, piglets, weaned piglets, and fattening pigs. Studies can focus on data applications using (combined) on-farm data from water, feed, weighing, or climate systems, and group or individual data can be analyzed. It may be useful to focus on a specific moment, process, or event in the pigs' life, such as farrowing, piglet crushing, or weaning.

The purpose of this Special Issue is to bring together the state-of-the-art advancements in automated measurement of pig behavior and to gather and publish the latest knowledge and experience in this field. I look forward to receiving your contributions.





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Message from the Editor-in-Chief

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