



Precision Poultry Farming

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Message from the Guest Editors

The increase of global population comes along with growing demands on protein resources. To meet such demands, world poultry meat and egg production soared in the past few decades and is projected to keep growing in decades to come. While the poultry production makes crucial contributions to food and nutrition security, it uses substantial natural and human resources and has significant impacts on society, economy, public health, and environment. Although the extent of these impacts may vary among continents and countries due to differences in production practices and social structures and preferences, the world poultry industry, as a whole, should strive to keep improving sustainability and efficiency in the resource usage. Precision Poultry Farming (PPF) features applications of continuous, objective, and automated sensing technologies and computer tools for sustainable and efficient poultry production; and it offers solutions to poultry industry to address challenges in terms of poultry management, environment, nutrition, automation and robotics, health, welfare assessment, behavior monitoring, waste management, etc.





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Message from the Editor-in-Chief

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