



**TSAE** 2019  
THAILAND

การประชุมวิชาการสมาคมวิศวกรรมเกษตรแห่งประเทศไทย ระดับชาติ ครั้งที่ 20  
The 12<sup>th</sup> TSAE International Conference

## Message from the President of Thai Society of Agricultural Engineering



The digital world's rapid improvement in technology has great impacts on engineering technologies. It creates greater convenience for farmers, whether it be in controlling environmental or selecting production process based on the accurate predictions of climates and environmental factors. Engineering technologies reduce not only the blue-collar work, but also the risks in economic loss from agricultures.

Furthermore, the rapid improvement of agricultural technologies allow farmers to innovate their own tools. It is indeed crucial for agricultural engineers to make more deep changes in engineering designs and innovate an even more advanced technology. Thai Society of Agricultural Engineering Conference 2019 will give agricultural engineers from various industries an excellent chance to come together and present their innovating ideas, knowledge, and experiences in Agricultural engineering scheme. This upcoming conference will be the 20<sup>th</sup> Thai Society of Agricultural Engineering Conference and the 12<sup>th</sup> International Thai Society of Agricultural Engineering Conference.

I, as the President of Thai Society of Agricultural Engineering, strongly believe Thai Society of Agricultural Engineering Conference 2019 – TSAE 2019: It is not just a smart farm, it is a smarter farm, will be the forum opened for engineers to share their experiences and innovations in order to develop new generation technologies onto our new Agricultural Eco System.

I may take this opportunity to thank for King Mongkut's Institute of Technology Ladkrabang – KMITL for their dedicates in arranging this TSAE 2019 on behalf of the TSAE.

Dares Kittiyopas

President of Thai Society of Agricultural Engineering