

Tech-tok, Tech-Tok

Time is something that we can never take back. As time passes by, we face challenges, learn from them, then innovate. Time is also one of the factors that affects the interaction between Science, Technology and Society (STS) as discussed by Professor Garcia alongside geology and state of global affairs. Science and Technology (S&T) can provide us with different solutions in the problems of society. Meaning, we are the one that dictates how we use technology and expand our knowledge to satisfy our needs.

In the 2022 edition of The Economist's Global Food Security Index, our country ranks 67th out of 113 countries. The Philippines recently launched 2 satellites (Diwata 1 and 2) to receive early warnings of natural disasters for agricultural plans and food availability preparations. However it can only predict up to seven days. Through the integration of Artificial Intelligence (AI), we can get more early warnings and weather forecasts (Galang, 2022) . This will give us the society enough time to prepare and respond. Our situation is similar to the third case study mentioned by Professor Garcia about GMOs which tries to solve agriculture and food availability problems by increasing production and pest resistance of crops.

Another study discussed by Professor Garcia states that the outcome of the (first) Industrial Revolution echoes up to the present, one of which is the pollution and climate change we face today. The strategic Research and Development (R&D) for climate change of DOST includes R&D activities to maximize economic and social benefits. One of the research is the "Improvement of Garlic and Other Agri-Food Condiments Productivity through Integrated Crop Management (ICM) System" which aims to address the lowered garlic productivity in local areas due to high temperature and rain.

Based on the conditions, the Philippines has shown improvement in making an enabling environment for S&T by creating solutions to reduce the challenges we face as a society. However there is a lack of support for R&D in terms of funds, practical training and education programs (De Leon et al., 2019). These are the causes of the stagnant performance of Science and Technology in our country despite the efforts of our scientists.

Overall, Science and Technology is an important aspect in our Society. It serves as a tool for us to solve countless problems. However, due to the lack of funds and support we lag behind our neighboring countries. So, If given the opportunity let's voice our concerns. Let's innovate, before it's too late.

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