

# *Scientific Communications; The Necessities of Conveying Information Throughout the Research World*

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*Stanchak, 2017*) Why Science Communication is an Essential Skill. <explains the values of scientific research of today, and why it is necessary to express your work on all available platforms>

## **INTRODUCTION**

Sharon Suri was my adviser, and she was always giving me articles and paperwork to read through and proofread. One of the articles that caught my attention was a system based in a southern state of China, where the people gave up their land to become a community, and create a rice-fish paddy culture system that generated an outstanding income for the residents of the community, and I will explain how science communications has allowed the profound succession of the situation. Also, communications aren't just research papers anymore; it is diagrams, graphs, polls of the public, social media, and much more that allow scientists to interpret their findings to the outside world.

## **IDEOLOGY**

Over the span of the few months I was at WorldFish, I worked alongside Sharon Suri, focusing on science communications. I got a first-hand view on the world's issues in hunger and how a prestigious CGIAR works to resolve such issues with aquaculture, marine fisheries, and increased/improved nutrition in fish-based products for consumption; or marine animal's consumption of a fish-meal. The use of science communications is critical, especially when people have a language barrier that prevents comprehension. I helped revise and comment on researcher's papers from the surrounding countries of Malaysia that were in very diverse topics..

With my advanced writing abilities, I reformed WorldFish's CRP document. The document is what the organization publicizes to gain attention from potential donors or governments that give grants to help finance the research that is being orchestrated. With science communications, projects that can affect the amount of food produced in a single yield needs to be communicated to the extent where it can be reciprocated physically in a different country and reform the method to fit the physical features that the land offers and the climate that surrounds such areas.

## **CONCLUSIONS**

Science communications is not only structuring reports, but also being able to interpret and publicize it on several platforms, such as social media (Twitter, Facebook, Instagram, etc.), a website (the most crucial source for people to get information from), and publications inside magazines, newspapers, or news platforms. The information in the southeast Asian world is an example of precise scientific communications. The references/sources I used were organized and allowed anyone to comprehend and understand where the information displayed was coming from, without seeming too difficult. Every aspect of science ends up being communicated through text and dialogue to people who are practicing what is being researched or government (or non-government) organizations that may grant money to prolong or extend something they deem worthy of further investigation. WorldFish has dedicated a majority of their workers to improve their ability to interpret science; the organization even hosts workshops for other facilities and researchers to come together and decipher their work correctly in Penang.

## **FUTURE DIRECTIONS...**

With the future population expected to be at an expected 9 billion by 2050, it is crucial we find ways to produce or conserve more food, so less individuals around the globe go hungry. With improved science communications, the transfer of informations benefiting the world food supply will allocate the desire of individuals to conserve their food sources, or influence farmers to take on new procedures that would increase yields and be more environmentally/biologically safe for other organisms.

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