

# Exploring Aquaculture's Role in Mitigating Global Hunger and Nutritional Deficiencies

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**Abstract:** *In order to combat hunger, achieving food security is the primary means of improving socioeconomic standing in each nation on Earth. This issue still exists in the current situation in developing nations. Therefore, the emphasis of human nutrition deficits is on how important animal protein is to a person's daily diet. Fisheries provide a substantial quantity of animal protein to people's diets all around the globe, which helps to solve this issue. The most affordable and nutrient-dense protein sources are aquatic animals. For the underprivileged, they provide vital vitamins, proteins, micronutrients, and minerals that may be added to meals as a valuable supplement. In developing nations, aquaculture is essential to both national economic growth and the world's food supply. According to the Food and Agriculture Organization (FAO), aquaculture has the ongoing potential to achieve economic development objectives for the nation and improve human welfare.*

**Keywords:** animal protein, aquaculture, food security, global economy, malnutrition.