

## CHAPTER 12

# THE IMPORTANCE OF AGRICULTURE AND AQUACULTURE

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Today, the world is facing a growing number of challenges that threaten our future. We have seen a rise in climate change and its devastating effects, as well as an increase in natural disasters such as hurricanes, droughts, floods, and earthquakes. The population has also exploded from 1 billion in 1804 to more than 7 billion nowadays. This has put strains on almost every system we rely on for survival. Food and water supplies are dwindling, land degradation is becoming commonplace, and fresh water sources are drying up. To reverse these trends and once again make the world a safe place to live and grow food, sustainable living practices must be adopted by all.

Sustainable living is an ongoing process of being conscious of our impact on our environment and implementing changes to reduce it. One of the best ways we can reduce our environmental impact is by consuming foods that are grown organically or are produced in a regenerative manner. To be able to do this, we must first gain an understanding of what sustainable living entails. Sustainable living is a lifestyle that embraces responsible environmental and economic decision-making. It means living within our environmental limits while meeting the needs and aspirations of present and future generations. Sustainable growth is economic growth that satisfies human needs and provides useful employment, generates enough revenue to pay for its own costs, and does not deplete natural resources or cause long-term damage to beneficial ecosystems. Sustainable living is achieved when the resources we need to survive are available for future generations. Sustainable living practices include organic gardening, composting, and reduced water usage.