4.1 Introduction

Keywords: Aquaculture systems, challenges, technology, implementation.

Abstract

Biofouling is an environmental challenge in the field of aquaculture. It affects various aspects of marine organisms, both natural and artificial substrates, including aquaculture racks, cages, and structures. Effective management methods are crucial in combating biofouling. The objective of this chapter is to provide an introduction to the challenges and solutions associated with biofouling in aquaculture systems.