



Department of Civil and Environmental Engineering
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Aquatic Environmental Science

11. Microbial Community

1. Microbes in Aquatic Systems
 - Overview of microbiology
 - Methods to detect microbes
 - Growth rate and growth curve
 - Role and distribution of microbes in nature
 - Major microbes in aquatic environments
 - Metabolism and major biological reactions
 - Microbial loop
 - Relationship between microbes and water quality

 2. Exercise
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