

Disciplina: Ecologia e manejo de ambientes aquáticos

45h

Ementa: Importância dos ecossistemas aquáticos; Ciclo hidrológico; Bacias hidrográficas; Principais tipos de ecossistemas aquáticos: sistemas fluviais, áreas alagáveis, corpos lacustres, estuários, zona costeira e oceano; Ambiente aquático: características do meio, compartimentos e comunidades; Metabolismo dos ecossistemas aquáticos; Propriedades físicas e químicas da água e sua importância ecológica; Radiação solar e seus efeitos em ambientes aquáticos; Oxigênio dissolvido; pH; Biogeoquímica do carbono, nitrogênio, fósforo, enxofre, sílica, e outros elementos importantes; Principais impactos antrópicos e seus efeitos nos ambientes aquáticos; Restauração e manejo de ambientes aquáticos; Gestão Integrada de Bacias Hídricas.

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