

Disciplina: Ecologia da biodiversidade e conservação
45h

Ementa: Conceito, origem e importância da biodiversidade; A crise ambiental mundial e as ameaças à biodiversidade; Conceitos gerais de Ecologia de importância para a conservação - ao nível de indivíduos, populações, comunidades e ecossistemas: incluindo efeitos do ambiente sobre os indivíduos (condições e recursos), dinâmicas populacionais (modelos de crescimento populacional, interações predador-presa, parasitismo, competição, facilitação, estratégias k e r, metapopulações), estrutura e dinâmica de comunidades (sucessão, distúrbios, espécies chave, grupos funcionais, controle ascendente e descendente, biogeografia de ilhas), ecossistemas (metabolismo, estados alternados, padrões de distribuição da biodiversidade); Estratégias para conservação (seleção de espécies alvo, avaliação de impacto ambiental, legislação ambiental, áreas de proteção, recuperação de habitats, educação ambiental, gestão ambiental integrada adaptativa); Importância da pesquisa para a conservação.

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