

ECO 80 – ECOLOGIA AQUÁTICA

Status: eletiva

Créditos: 06

Carga horária: 90 h (60 h teóricas + 15 h práticas + 15 h estudos dirigidos)

Professor responsável

Bruce Rider Forsberg (INPA)

Ementa

Origem e geomorfologia dos lagos, rios e áreas alagáveis. Processos físicos e químicos. Distribuição e habitats. Variações latitudinais. Produção primária de fitoplâncton, algas perifíticas, macrófitas e floresta alagada. Metabolismo e produção secundária de bactérias, invertebrados e vertebrados. Estrutura e funcionamento de cadeias tróficas aquáticas. A alça microbiana em lagos e rios como ecossistemas. Variações latitudinais. Conceito do rio-contínuo e do pulso de inundação. Ecossistemas lênticos e lóticos. Reservatórios. Integração espaço-temporal. O papel dos ecossistemas aquáticos nos ciclos regionais e globais do C, P, N e água. Impactos antropocômicos em ecossistemas aquáticos.

Bibliografia

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