

INSTITUTO DE BIOCÊNCIAS
DEPARTAMENTO DE ECOLOGIA

Sigla da Disciplina: **BIE 5770**

Nome da Disciplina: **ECOLOGIA DA PAISAGEM: CONCEITOS E MÉTODOS DE PESQUISA**

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PROGRAMA

Teoria

1. O que é Ecologia de Paisagens
2. Fragmentação e limiares
3. Fragmentação: a dimensão temporal
4. Conectividade estrutural e funcional
5. Conectividade: importância da matriz
6. Genética da Paisagem
7. Conservação: o uso de indicadores de paisagem
8. Ecologia de Paisagens e restauração
9. Ecologia de Paisagens, sustentabilidade e serviços ecossistêmicos

Práticas

1. Bases de sensoriamento remoto
2. Métricas da paisagem (Fragstats, Guidos, ArcGIS e LORACS)
3. Exemplos práticos de ação da Ecologia de Paisagens
4. Delineamento de projetos em Ecologia de Paisagens
5. Discussão dos projetos

CRONOGRAMA – 2012

Data	Manhã	Tarde
21/11/2012 - quarta	(1) O que é Ecologia de Paisagens	(2) Sensoriamento remoto+Fragstats
22/11/2012 - quinta	(3) Fragmentação e limiares	(2) Métricas da paisagem (Guidos)
23/11/2012 - sexta	(1) Fragmentação: a dimensão temporal	(2) Métricas da paisagem (ArcGIS + Loracs)
24/11/2012 - sábado	(1) Conectividade estrutural e funcional	(2) Delineamento e discussão de projetos em Ecologia de Paisagens
26/11/2012 – segunda	(3) Conectividade: importância da matriz	(2) IBM + EP em Ação + Projeto
27/12/2012 – terça	(3) Genética da paisagem	(2) Projeto
28/12/2012 - quarta	(1) Conservação e indicadores de paisagem	(2) Projeto
29/12/2012 - quinta	(3) EP e restauração	(2) Projeto
30/12/2012 - sexta	(1) EP, sustentabilidade e serviços ecossistêmicos	(1) Projeto e Apresentação de Projetos
1/12/2012 – sábado	(1) Apresentação de Projetos	(1) Apresentação de Projetos

Salas: (1): Sala 4 do Centro Didático do IB; (2): Sala 5 do Centro Didático do IB; (3) AG da Zoologia

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(*: Textos a serem lidos e discutidos em classe)

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