



ΑΣΚΗΣΗ 3

Αιτίες και μηχανισμοί διαμόρφωσης των προτύπων

02/11/2010

Αιτίες και μηχανισμοί διαμόρφωσης των προτύπων

- Ο στόχος αυτού του εργαστηρίου είναι να προσδιορίσουμε τοπία που έχουν προκύψει από σημαντικές ανθρωπογενείς αιτίες.

Αιτίες και μηχανισμοί διαμόρφωσης των προτύπων

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 - Γεωργία
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 - Κατακερματισμός βιοτόπων
 - Αποψίλωση δασών
 - Απερήμωση
 - Ρύπανση
- Προσδιορίστε ένα τοπίο για κάθε παράγοντα σε κλίμακα δικής σας επιλογής.

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- Προσδιορίστε ένα τοπίο για κάθε παράγοντα σε κλίμακα δικής σας επιλογής.
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 - Απερήμωση
 - Ρύπανση
- Για δύο από τους παραπάνω παράγοντες βρείτε από το διαδίκτυο δύο επιστημονικές εργασίες που να αναλύουν το φαινόμενο.

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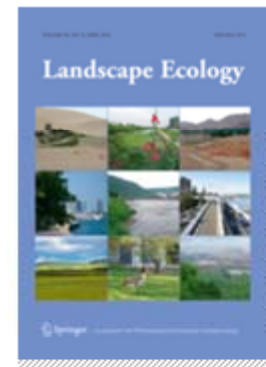
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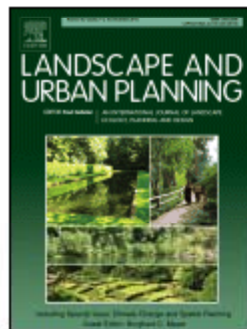
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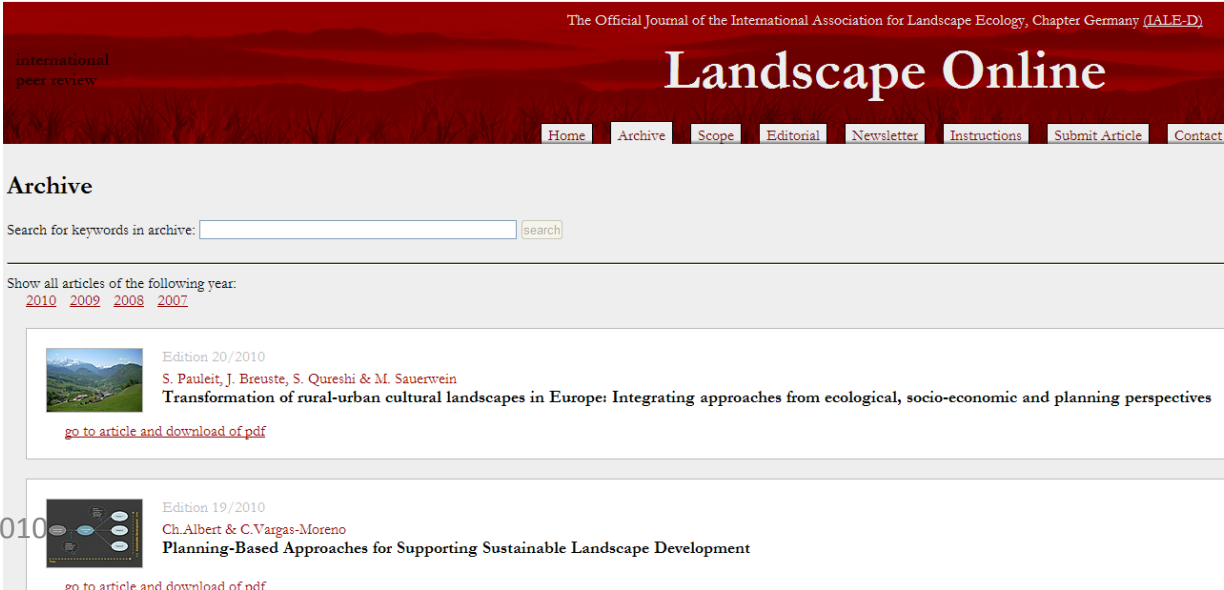
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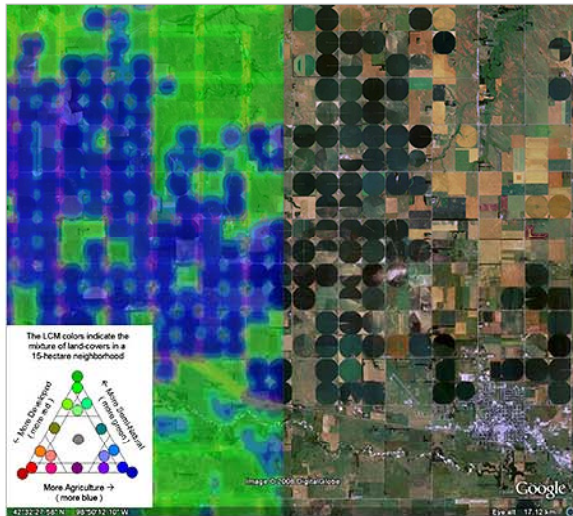
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02/11/2010

Evaluating Anthropogenic Risk of Grassland and Forest Habitat Degradation using Land-Cover Data



The effects of landscape context on habitat quality are receiving increased attention in conservation biology. The objective of this research is to demonstrate evaluating the anthropogenic risks of grassland and forest habitat degradation by examining habitat context as defined by intensive anthropogenic land uses at model classifies a given location according to the amounts of intensive agriculture and intensive development in its surrounding landscape, providing measures of isolation and edge effects at that location. The model is implemented using a land-cover map (0.09 ha/pixel) of the conterminous United States and six land (47800 ha) to evaluate the spatial scales of anthropogenic risk. Statistics for grassland and forest habitat are extracted by geographic overlays of the maps of land on landscape size, 81 to 94 percent of all grassland and forest habitat occurs in landscapes that are dominated by natural land-cover including habitat itself. Within percent of grassland and 59 percent of forest is within 590 m of intensive agriculture and/or intensive developed land which is typically a minor component of anthropogenic risk attributable to habitat patch isolation affects a small proportion of the total grassland or forest habitat area, while the majority of habitat area

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Evaluating Anthropogenic Risk of Grassland and Forest Habitat Degradation using Land-Cover Data

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Abstract

The effects of landscape context on habitat quality are receiving increased attention in conservation biology. The objective of this research is to demonstrate a landscape-level approach to mapping and evaluating the anthropogenic risks of grassland and forest habitat degradation by examining habitat context as defined by intensive anthropogenic land uses at multiple spatial scales. A landscape mosaic model classifies a given location according to the amounts of intensive agriculture and intensive development in its surrounding landscape, providing measures

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