Introduction to Landscape Ecology COURSE

Course materials of Introduction to Landscape Ecology for the final exam (UAS) - The 4th semester students of Landscape Architecture Department, Faculty of Agriculture, Bogor Agricultural University.

HSA = Prof. Dr. Hadi Susilo Arifin

KAS = Dr. Regan Leonardus Kaswanto

<table>
<thead>
<tr>
<th>Week</th>
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<th>Course Subject</th>
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<td>9</td>
<td>16 Apr 2013</td>
<td><strong>Introduction; Stability in landscapes; Self-organizing mechanisms and landscapes; Landscape shaping factors</strong></td>
<td>HSA</td>
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Changes in human-perturbed landscapes; Patterns of landscape change: example; Mediterranean landscapes as example of perturbation-dependent
homeorethic systems;
Patterns and processes in
land abandonment
Introduction; Landscape evaluation; The cultural HSA
landscape
Principles of landscape ecology; Nature conservation and landscape ecology; Conservation landscape
Landscape design (creation) and restoration; Hierarchical structure of the system and conservation of biodiversity
Introduction; Numerical and spatial data processing; The fractal geometry approach; Geographic information systems
KAS
Spacing-the perception of landscape; Behavioral ecology and landscape ecology; structuring the landscape; principles of landscape classification
KAS
To be confirmed

Final Exam (UAS)