

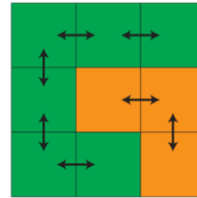
Mosaic landscapes

- Mosaic landscapes are important, especially from a condition perspective: the functioning of a given ecosystem depends on its interactions with neighbouring ecosystems of a different type.
- How can we best deal with mosaics in the ecosystem classification and in particular with respect to the IUCN-GET?
- What are the links to the treatment of linear features?

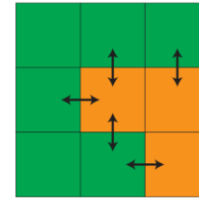
Landscape spatial structure



a)



b)



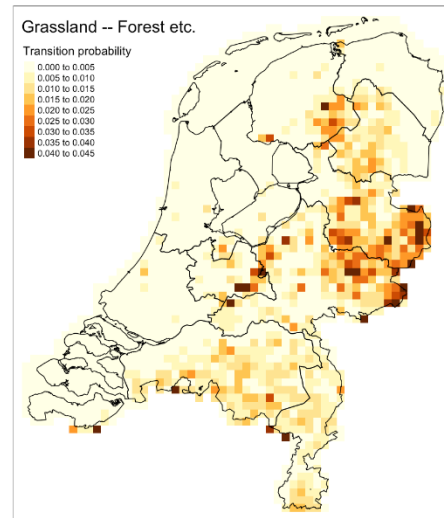
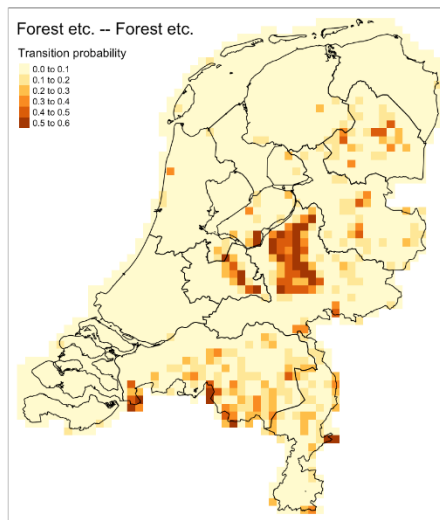
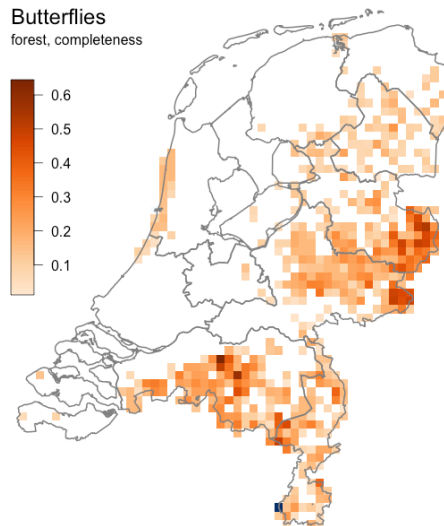
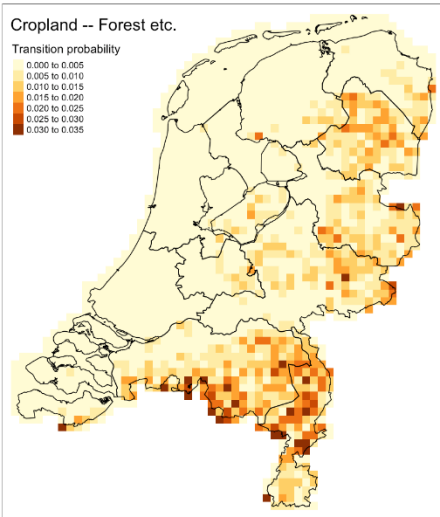
c)

Land cover classes

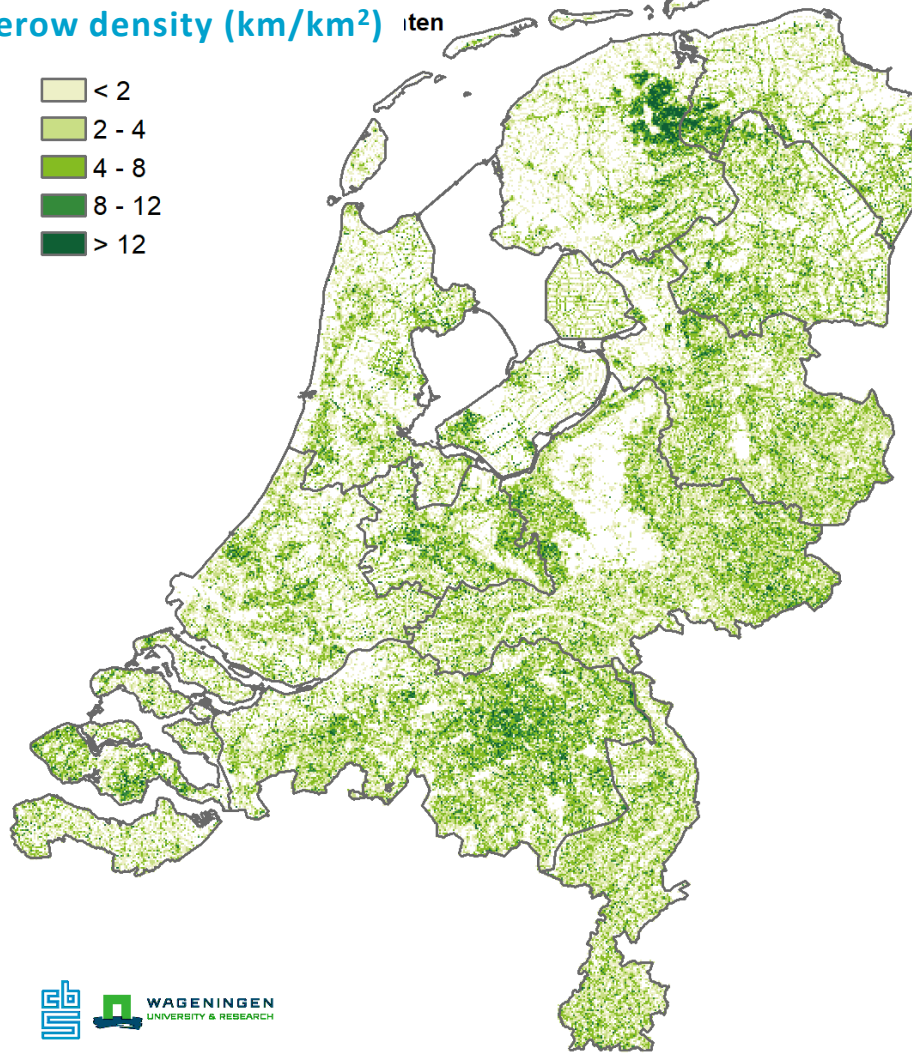
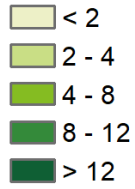
- A
- B

	A	B
A	10/24	5/24
B	5/24	4/24

d)



Treeline/hedgerow density (km/km²) iten



Options and issues

- What would be the applications of mosaic analysis?
 - Biodiversity: ecosystem diversity; food vs shelter
 - Pollination: bee habitat vs crop fields
 - ...?
- Need to define mosaic ETs (as in EUNIS)?
 - Composition spatially explicit or mixture stats?
- Or: asset/ET maps on finest scale possible?
 - How to delineate mosaic areas/landscapes?
- How to measure landscape topology?
 - Which variables and indicators?
 - Maybe adjacency matrix / density, but on which scale?
 - To what spatial units do we link topology info?