

DINAMICA SUBMODEL DiP

The Difference in Change Potential (DiP) is an assessment method based on the Peirce Skill Score (PSS). It is based on the difference between the mean potential in the areas of change and the mean potential in the areas of no (Eastman et al. 2005, Pérez-Vega et al. 2012). A value of one indicates a perfect agreement between the change potential and the observed changes, while a value close of 0 show a random behavior.

References

Eastman, J.R., Solorzano, L.A., and Van Fossen, M.E., 2005. Transition potential modeling for land cover change. In: D.J. Maguire, M. Batty, and M.F. Goodchild, eds. GIS, spatial analysis, and modeling. Redland, CA: ESRI, 357–385.

Pérez-Vega, A., Mas, J.F., Ligmann-Zielinska, A., 2012, “Comparing two approaches to land use/cover change modelling and their implications for the assessment of biodiversity loss in a deciduous tropical forest”, *Environmental Modelling and Software*, 29(1), 11-23

Aknowledgments

Proyecto SEP CONACYT 178816 ¿Puede la modelación espacial ayudarnos a entender los procesos de cambio de cobertura/uso del suelo y de degradación ambiental ?