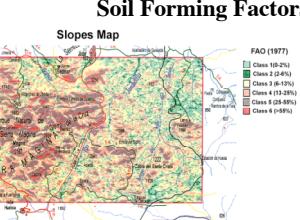
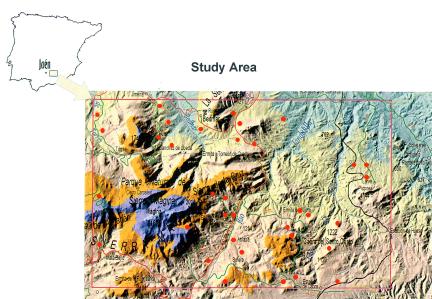


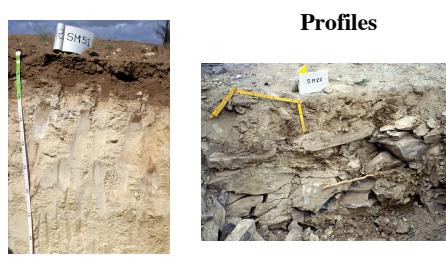
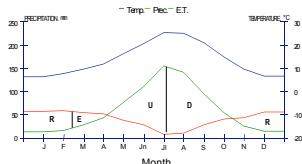
EVALUATION OF OLIVE-ORCHARD SOILS OF MAPE PAGE (948) (TORRES, SE. SPAIN)

Menjivar, J. C.¹, Aguilar, J.²; García, I.², Bouza, P.³

- 1.- Escuela de Agrónomos . Universidad de Teucigalpa (Honduras)
 2.- Dpto de Edafología y Química Agrícola. Facultad de Ciencias. Univ. de Granada (España)
 3.- Centro Nacional Patagónico. CONICET. Puerto Madryn, Chubut (Argentina)



Climate
 Temperature regime: from mesic to thermic
 Moisture regime : xeric



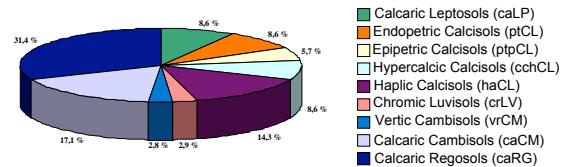
Calcaric Regosol



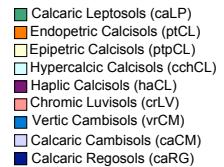
Calcaric Leptosol

Calcaric Cambisol

Soil Forming Factors



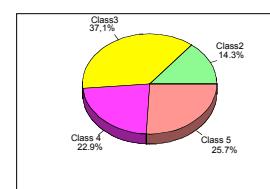
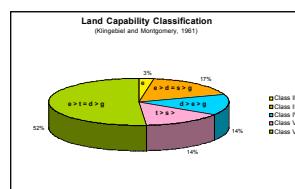
Soil Classification



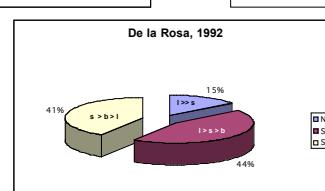
Results of the different evaluation methodologies

Conclusions

Riquer et al., 1970

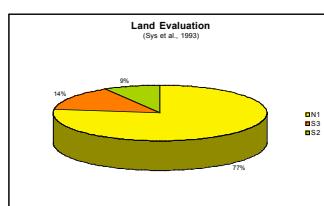


De la Rosa, 1992



Land Evaluation

(Sys et al., 1993)



Percentage of the limitants in the soil evaluation (SYS et al., 1993)



No soil was exempt of limitations for agricultural use

References:

- Aguilar, J.; Fernández, J.; Rodríguez, T. 1995-. Jerarquización de parámetros edáficos en la evaluación de la productividad del olivo. Edafología. 1 n° 1. 101-110.
- Buol, S.W., Sanchez, P.A., Cate, R.B. and Granger, M.A.1975. Soil fertility capability classification: a technical soil classification system for fertility management. In Bornemisza, E. and Alvarado A. (Ed.) Soil management in tropical America. N. C. State Univ., Raleigh, NC: 126-145.
- De la Rosa, D.; Moreno, J.A.; García, L.V. & Almoroz, J. 1992. MicroLEIS: A microcomputer-based Mediterranean land evaluation information system. Soil Use & Management 8, 89-96.
- Klingebiel, A. & Montgomery, P.H. 1961. Land capability classification. USDA Agricultural hand book 210. US Government Printing Office, Washington, DC.
- Riquer, J.; Bramao, L. and Comet, S.P. 1970. A new system of soil appraisal in terms of actual and potential productivity: FAO Soil Resources No 38. Rome, Italy.
- Sánchez, P.A. 1982. The Fertility Capability Classification System. Geoderma. 27. 283-309.
- Sys, C., Van Ranst, E., Debayeye, J. & Beernaert, F. 1993. Land evaluation. Part 3: Crop requirements. Agricultural Publications 7. General Admin. Develop. Coop., Brussels.