ABSTRACT

This piece of research deals with the evaluation of the resilience of a wine region (Douro Valley, Porto wine production) from the point of view of landscape, ecology and economics.

After a short presentation of the mathematical model for ecological evaluation and of the resilience indicators we show the results of the 19 Landscape Units included in the Douto Valley region.

New perspectives for the construction of mathematical models will be shown in order to give a quantitative measure of the resilience of an environmental system.

BIOGRAPHY

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