

Estimating the resilience of crops to climate change using agricultural statistics

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This paper addresses the level of crops resilience to climate change using the agricultural statistics. We develop robust indicators for assessing the level of crops resilience to major climatic factors (drought, floods). These indicators allow a comparability of crop adaptation level for a period and over several periods. Matching technique and factor analysis are used to identify the most resistant speculations to each factor.

Key Words: resilience indicators, matching, factor analysis