**When and where the prediction was published before the event**


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**Maps of multi-fractal singularity spectra support width \( \lambda_\alpha \). Low \( \lambda_\alpha \) values ("blue and violet regions") indicate synchronization and danger.**

Thus, during preparing huge seismic catastrophe geophysical medium become more simple and homogeneous. This manifests in the following properties of low-frequency microseismic noise sequences:

1. Multi-fractal singularity spectrum support width \( \lambda_\alpha \) decreases, i.e. the noise structure become more simple. "Less multi-fractal".
2. The linear predictability index of the noise waves increases, i.e. noise becomes more correlated in time and more predictable.
3. Mean value of the noise variance after removing tidal trends is decreasing.
4. Mean value of the noise smoothness index (number of vanishing moments for optimal orthogonal wavelet) increases, i.e. noise structure becomes more smooth.
5. Correlation between mean values of the noise statistics for different groups of stations increases.