

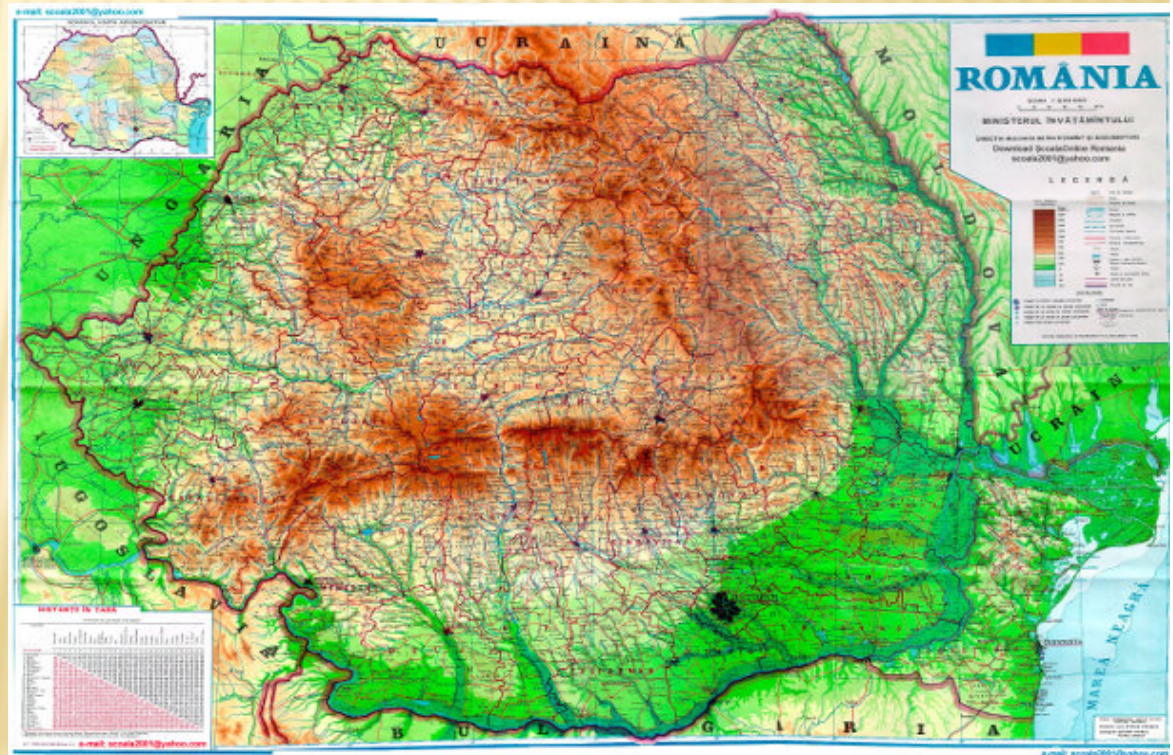
LAND SLIDING IN THE AREA OF THE TOWN OF OCNA MURES

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A. LOCALISATION

- ✗ A. Situated near the center of **Romania**, the town of **Ocna Mures, Alba county**, once considered a health resort, positioned on the left bank of the river Mures, it has a most important natural asset that is the salt.



B. THE LAND SLIDING

- ✘ In the morning of **December 22-nd 2010** there occurred the **land sliding** in the area close to the center of the town, where it emerged a great deal of salty water that soon formed a lake. During that day **the big supermarket** that was situated on the back of the sliding area collapsed into the crater of the newly formed **salty lake**.



C. CRACKS IN THE MAIN ROAD

- ✘ Due to this *sliding* the main road began to present huge *cracks* and it sank into the ground around 3 meters onto a length of *100 meters*. Thus the asphalt wrinkled as a result of the land slide and one can no longer use it for that particular portion.



D. THE STUDY OF THE ALTERATIONS

- ✘ Together with my students I went to that area in order *to study the alterations* that were produced into the ground and to notice the works of the specialized people so as to *avoid a catastrophe*. Thus I learned that a series of works that need to be done such as :
- ✘ the design and *the execution of a screen around that area* in order to prevent the entering of more plain water ;
- ✘ *the new design of the sewerage of the town* from resistant materials:



E. EFFORTS TO STOP THE LAND SLIDE

- ✘ In order to establish the safety coefficient to solicitations onto the salt reserve due to its ubiquity they have to have seismology specialists consulted. Therefore they have to do all the necessary *efforts* in order to urgently *stop the land slide phenomenon*.



F. HYGENISATION OF SALTY LAKES

- ✖ The hygenisation of the other salty lakes from the town area.



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