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HOW TO CREATE STRAIN MAPS BY ON-LINE TOOLS

Milan Talich

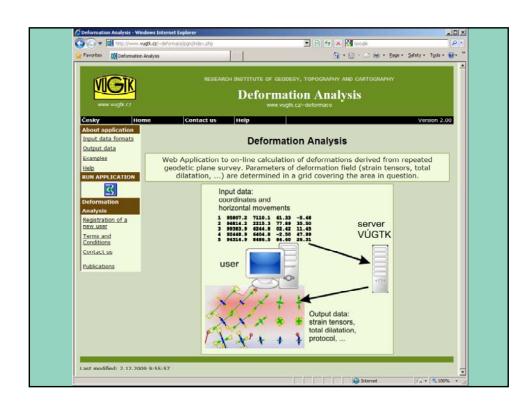
FIG Congress 2010, Sydney, Australia, 11-16 April 2010

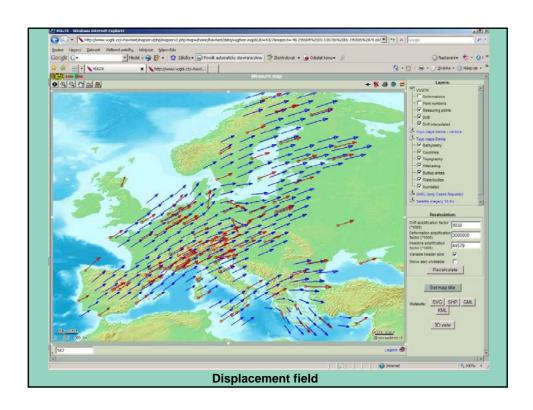
What is Strain Analysis:

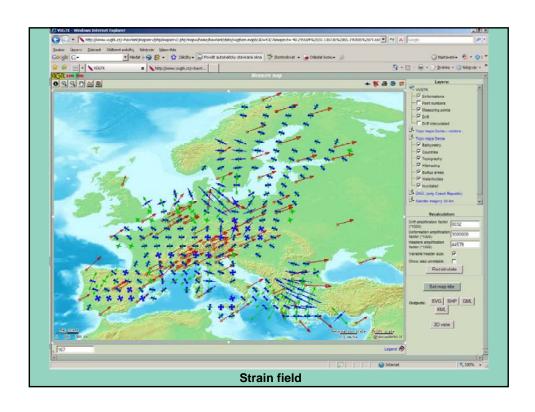
- based on continuum mechanics, describes the change in shape and dimensions of the monitored object
- is more objective dynamic indicator in the researched area than the only calculus and representation of point displacement vectors.

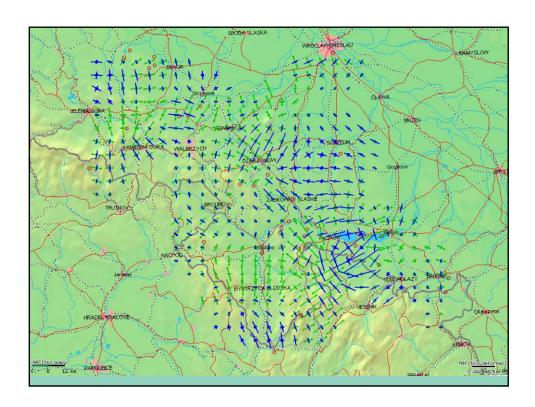
How to determine of Strain tensors from geodetic repeated measurements:

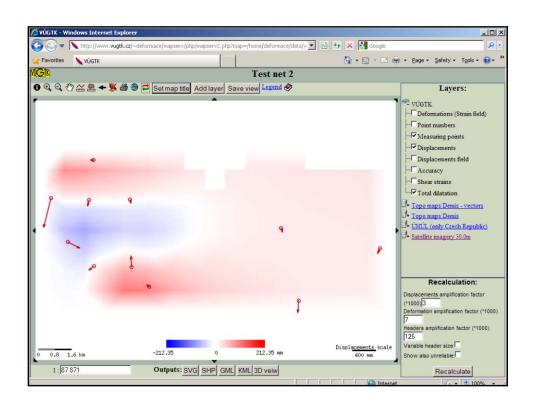
- First step is determination of displacements
- The second step is determination of deformations parameters by geometric analysis of continuum mechanics (strain analysis).
- For computation of strain tensors can everybody use on-line application : www.vugtk.cz/~deformace

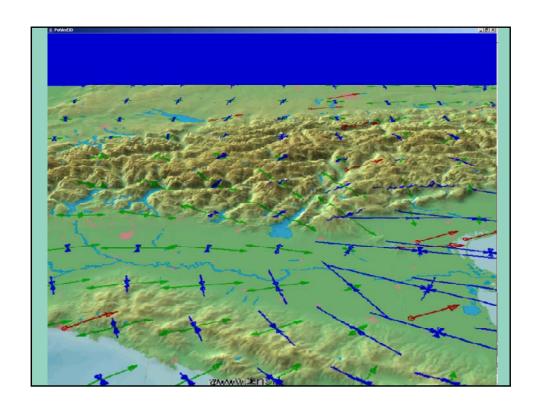












We can help you with processing of your data.

Thank you for your attention

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