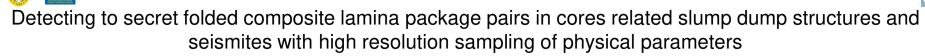
EMCCL

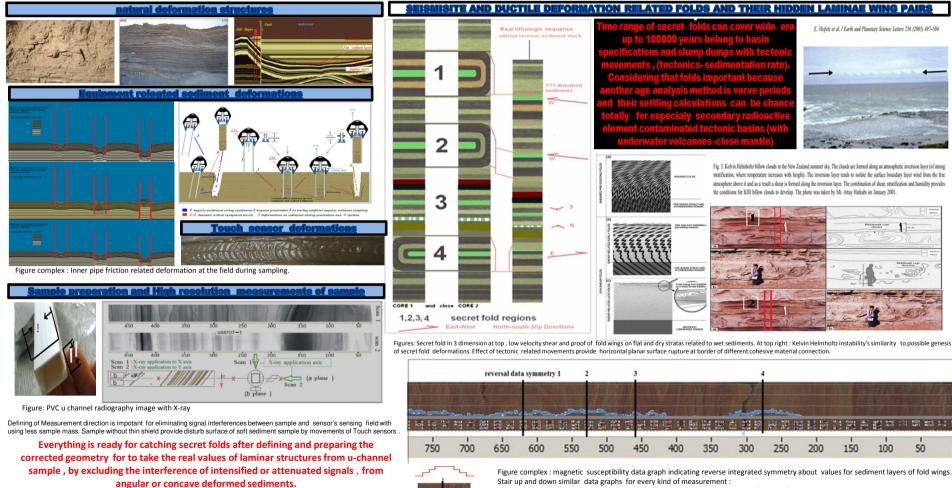


Namik Cagatay (2,3), Aysegul Feray Meydan (4), Kadir Eris (2,3), Erol Sari (1). Sena Akcer (2,5). Ozlem Makaroolu (6). Hakan Alkislar (4). Demet Biltekin (2,7), and Tunce Namehan Arsian (1

(1) Institute of Maritime Sciences and Management Istanbul University Istanbul Turkey(dursunacaracar@hotmail.com), (2) EMCOL (Eastern Mediterranean Centre for Oceanography and Linnology) Istanbul Technical University, (3) Faculty of Mines, Istanbul Technical University, Istanbul Turkey(dursunacaracar@hotmail.com), (2) EMCOL (Eastern Mediterranean Centre for Oceanography and Linnology) Istanbul Technical University, Istanbul Technical University, Istanbul Turkey(dursunacaracar@hotmail.com), (2) EMCOL (Eastern Mediterranean Centre for Oceanography and Linnology) Istanbul Technical University, Istanbul Technical University, Istanbul Turkey(dursunacaracar@hotmail.com), (2) EMCOL (Eastern Mediterranean Centre for Oceanography and Linnology) Istanbul Technical University, Istanbul Technical University, Istanbul Turkey(dursunacaracar@hotmail.com), (2) EMCOL (Eastern Mediterranean Centre for Oceanography and Linnology) Istanbul Technical University, Istanbul Technical University, Istanbul Turkey(dursunacaracar@hotmail.com), (2) EMCOL (Eastern Mediterranean Centre for Oceanography and Linnology) Istanbul Technical University, Istanbul Technical University, Istanbul Turkey(dursunacaracar@hotmail.com), (2) EMCOL (Eastern Mediterranean Centre for Oceanography and Linnology) Istanbul Technical University, Istanbul Technical University, Istanbul Technical University, Istanbul Turkey, (4) Department of Geology Engineering Van

yuzuncu yil university, Van, Turkey, (5) Department of Geology Engineering Mugla Sitki Kocman University, Mugla, Turkey, (6) Department of Geophysical Engineering Istanbul University, Istanbul, Turkey, (7) Faculty of Marine Sciences Ordu University, Ordu, Turkey

Deformed parts of the core sediments display folded laminations that can be attributed to seismites. The problem arises that if the fold axis is deposited perpendicular to the liner and, if the hinge line is far enough describing the true laminations might be impossible related to real age of basin evolution because extra laminae seem deposited to the area. Scientist must pay attention such problem that dating method like varve counting and basin evolution estimates can totally change due to extra laminae that explained before.



The universe can't give a permission to nature for a long time scale for to be well regular for periodic sediment settling.

Sediment physical statement will be under focus about durability with interactions of mechanical forces

FOR FUTURE RESEARCHES

leferanc Gorur et all . The late Quaternary Tectono-Stratigraphic evolution of the Lake Van, Turkey Bulletin of the Mineral Research and Exploration, 151, 1-47 2015 Capatay N et all .Xrf Measurements from Thin Film Wet and Dry Sediment Cores of Black Sea: Comparison With U Channel Sample 68th Geological Congress of Turkey, ANKARA, TURKIYE, 6-10 april 2015

Acar D et all. Effects Of The Danube Basin-Sourced Pollution On The Sediments Of Western Black Sea Shelf Of Turkey, 68th Geological Congress of Turkey, ANKARA, TURKIYE, 6-10 april 2015, ss.100-101

HEIFETZ E.et all Soft sediment deformation by Kelvin Helmholtz Instability: A case from Dead Sea earthquakes Earth and Planetary Science Letters 236 (2005) 497 - 504

CARRERAS j. Et all Shear zone-related folds Journal of Structural Geology 27 (2005) 1229-1251