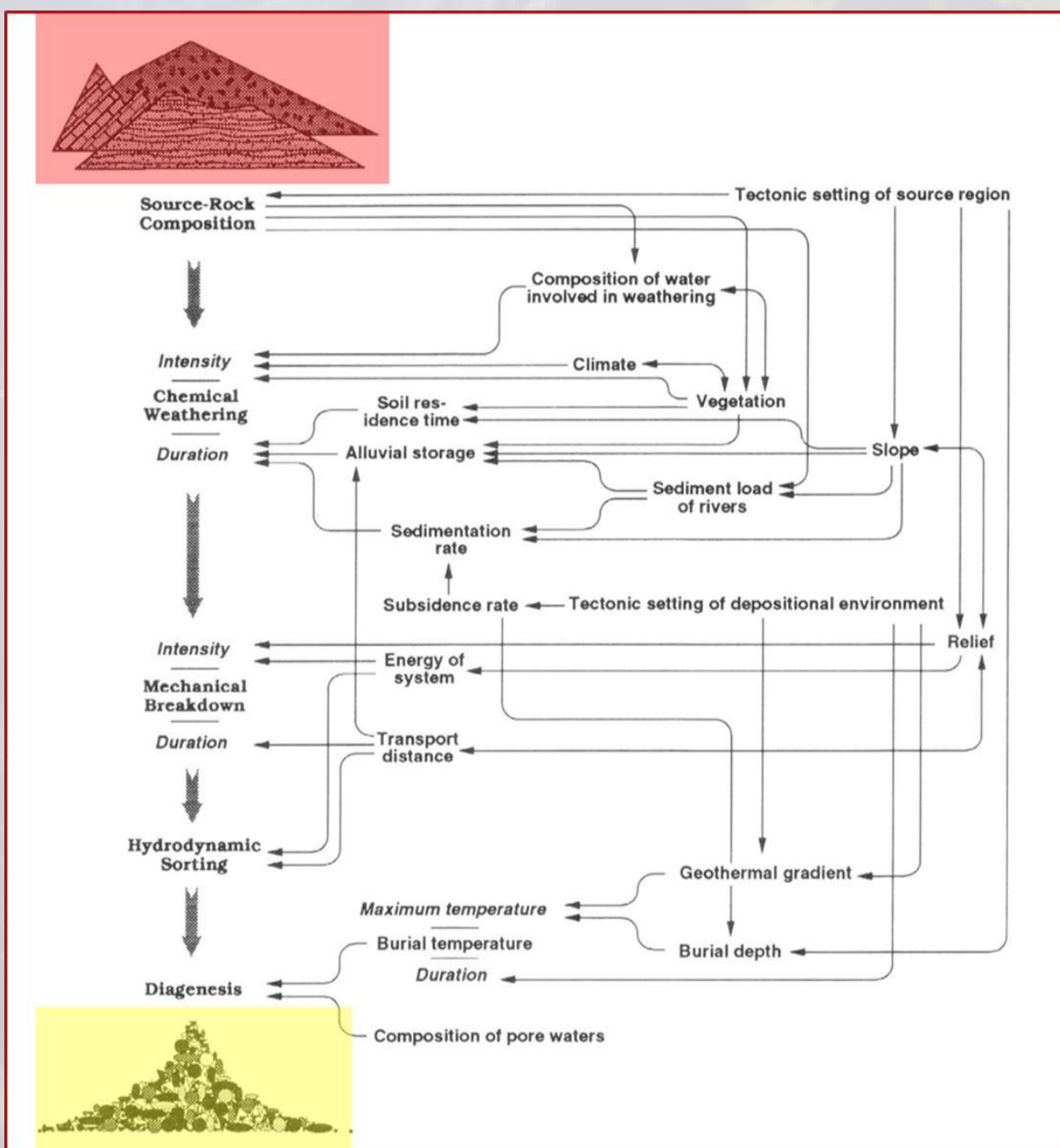


SOLID EARTH SEMINARS

THE SYSTEM CONTROLLING THE COMPOSITION OF CLASTIC SEDIMENTS



WHAT'S THIS ABOUT?

ZOOM



The clastic sediments and rocks have a composition controlled by a complex group of parameters operating during pre- and post-burial processes. The principal pre-burial processes are pedogenesis, due to chemical weathering, erosion, transport and deposition, whereas post-burial processes are influenced by geothermal and geobaric gradients and the pore fluids chemistry operating during diagenesis. These factors are not independent but interrelated. Thus, processes controlling the composition of clastic sediments constitute a dynamic system that must be considered as whole.

Emilia Le Pera

(DiBEST, University of Calabria, Italy)

September 29
Wednesday: 13:00

PASS: 2021_RG234

<https://videoconf-colibri.zoom.us/j/89018419156>