



Evolution of the Coastal Risks: a very long time perspective in Languedoc region

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The aim of this presentation is to use long term historical perspective to better understand relationship between climatic, geomorphologic and risks variations. The area taken in account is the Languedoc region, from Catalonia to the Aigues Mortes' Gulf. (Southwestern Mediterranean France). The period is about 3000 years long with special focus on the end of the LIA (Little Ice Age, XVIIIth century) to present time. In detail, the variability of storm activity is measured by sedimentary records in the Bagnas Lagoon. Geomorphological changes are recorded by various coring datas. Data of ship production, archaeological wreck until the Bronze Age and a new compilation of shipwreck records in the historical archives allows to bring new lighting on risk evolution on maritime trade. Deep coastal geomorphological changes during high storm activity is also recognized and have a influence on raise of the global coastal risks.