Natural Hazards and Earth System Science

An Open Access Journal of the European Geosciences Union

| EGU.eu |

Home

- Online Library
- Recent Papers
- Volumes and Issues
- Special Issues
- Library Search
- Title and Author Search

Alerts	&	RSS	Feeds	
~				

General Information

Submission

Review

Production

Subscription

Book Reviews

Journal Metrics				
(C) IF 1.357				
🏈 5-year IF 1.781				
SCOPUS.	SNIP 0.616			
SCOPUS.	SJR 0.067			
Definitio	ns 🖻			

■ Volumes and Issues ■ Contents o Nat. Hazards Earth Syst. Sci., 10, 1951-1955, 2010 www.nat-hazards-earth-syst-sci.net/10/1951/2010/ doi:10.5194/nhess-10-1951-2010 © Author(s) 2010. This work is distributed under the Creative Commons Attribution 3.0 License.

Recent aspects on possible interrelation betwee precursory electric signals and anomalous bioef

E. Dologlou

Solid State Section, Department of Physics, University of Athens, Panepistimiopolis, Zografos 157 84 Athens, Greece

Abstract. A possible geophysical mechanism based on the concept criticality and on new aspects of biological effects caused by electromagnetic fields is discussed as a stimulus to the unusual an behavior prior to large earthquakes. This mechanism is related to 1 electric signals of low frequency and intensity, which are emitted fr pre-focal area several days before the impending earthquake and f the conditions set by a recent bioeffect model.

■ Full Article (PDF, 259 KB)

Citation: Dologlou, E.: Recent aspects on possible interrelation be precursory electric signals and anomalous bioeffects, Nat. Hazards Syst. Sci., 10, 1951-1955, doi:10.5194/nhess-10-1951-2010, 2010. Bibtex EndNote Reference Manager XML