Profile of Bogdan Enescu

Personal details:

Name: Bogdan Enescu
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Education:

March 2004	Ph.D. in Geophysics, Earth & Planetary Sciences Department, Graduate School of Science, Kyoto University, Japan.
Dec. 2001	Ph.D. in Physics, Faculty of Physics, Bucharest University, Bucharest, Romania.
July 1995	B.Sc. of Geophysics, Dipl. Engineer, Faculty of Geology & Geophysics, Bucharest University, Romania

Professional History:

March 2007 – present	Researcher at the GeoForschungsZentrum (GFZ), Potsdam, Germany; working on modeling of deformation and stress fields of faults, aftershock hazard assessment.
April 2004 – Feb. 2007	Researcher at the Disaster Prevention Research Institute (DPRI), Kyoto University, Japan; working on precise earthquake relocation and velocity structure, using waveform cross-correlation; seismicity patterns and stress triggering.
Jan. 1996 – March 2000	Researcher at the National Institute for Earth Physics (NIEP), Bucharest, Romania, working on earthquake hazard assessment of the Romanian territory; responsible for the installation of two electro-magnetic Observatories in the Vrancea region, Romania, processing and analysis of electro-magnetic data.
June 2005:	Guest Researcher at the Center for Computational Science and Engineering, Univ. of California, Davis, USA; conduct independent research on earthquake simulations, forecasting and pattern-recognition algorithms.

Publications since 1999:

Enescu, B., Mori, J. and M. Miyazawa, Quantifying early aftershock activity of the 2004 Mid Niigata Prefecture Earthquake (Mw 6.6), *J. Geophys. Res.*, 2007 (in press).

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Enescu, B., Ito, K., Radulian, M., Popescu, E., and O. Bazacliu, Multifractal and chaotic analysis of Vrancea (Romania) intermediate-depth earthquakes -Investigation of the temporal distribution of events-, *Pure Appl. Geophys. (PAGEOPH), Birkhauser Publishing Ltd, Basel*, 162(2), 249-271, 2005.

Enescu, B. and K. Ito, Spatial analysis of the frequency-magnitude distribution and decay rate of aftershock activity of the 2000 Western Tottori earthquake, *Earth Planets Space*, 54(8), 847-859, 2002.

Enescu, B., and Ito, K., Some premonitory phenomena of the 1995 Hyogo-ken Nanbu earthquake: seismicity, b-value and fractal dimension, *Tectonophysics*, 338(3-4), 297-314, 2001.

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