

Curriculum Vitae

Marian F. IVAN

PERSONAL DATA: born January, 10th, 1955

EDUCATION:

Ph.D., Geophysics, University of Bucharest (1993)

M.Sc., Mathematics (Theoretical Mechanics), University of Bucharest (1993, classified 1st)

M.Sc., Applied Geophysics, University of Bucharest (1980, classified 1st)

AWARDS: Romanian Academy Award “Gh. MUNTEANU-MURGOCI” (1994)

PROFESSIONAL EXPERIENCE:

Professor (2000-present): University of Bucharest

Assistant Professor (1994-2000): University of Bucharest / Seismology, Mechanics and PF.

Reader (1990-1994): University of Bucharest / PF, Mechanics and Seismology.

Teaching Assistant (1984-1990): University of Bucharest / Theoretical and Applied Geophysics.

Research Geophysicist (1982-1984): Romanian Institute of Geology and Geophysics.

Filed Engineer (1980-1982): PROSPECTIUNI S.A.

OTHER : Associate Editor (Solid Earth) Acta Geophysica (since 2006)

PAPERS (last 20 years):

Ivan, M., Wang, R. & Hofstetter, R., 2018 Non quasi-Hemispherical Seismological Pattern of the Earth's Uppermost Inner Core. *Sci Rep***8**, 2270. <https://doi.org/10.1038/s41598-018-20657-x>

Marian Ivan, Xiaobo He, 2016, Uppermost Inner Core Heterogeneity from Differential Travel Times of PKIKP vs. PKP-Bdiff and PKP-Cdiff Phases, PURE AND APPLIED GEOPHYSICS, DOI 10.1007/s00024-016-1391-z

Marian Ivan, Daniela Veronica Ghica, Andrej Gosar, Panagiotis Hatzidimitriou, Rami Hofstetter, Gulden Polat and Rongjiang Wang, 2014 Lowermost mantle velocity estimations beneath Central North Atlantic area from Pdif observed at Balkan, East Mediterranean and American stations, PURE AND APPLIED GEOPHYSICS, 172, 283-293

Marian Ivan, Rongjiang Wang, 2012, Anomalous high amplitude ratios of P5KP / PKPab and P4KP / P(S)cP observed globally around 1 Hz, J.Seismology, DOI 10.1007/s10950-012-9330-7

Marian Ivan, 2011, Crustal thickness in Vrancea area-Romania from S to P converted waves, J. Seismology, <http://dx.doi.org/10.1007/s10950-010-9225-4>

Ivan, M., Cormier, V.F., 2010, High Frequency PKKPbc around 2.5 Hz Recorded Globally, PURE AND APPLIED GEOPHYSICS, 168, 1759-1768

Marian Ivan, Mihaela Popa, Daniela Ghica, 2008, SKS splitting observed at Romanian broad-band seismic network, *TECTONOPHYSICS*, 462, 89-98

Marian Ivan, Gaétan Roch Moloto-A-Kenguemba, 2007, Attenuation in the uppermost inner core from PKP recordings at African seismological stations, *Studia Geophysica et Geodaetica*, 221-230, <http://springerlink.metapress.com/content/0015454x60w56085/fulltext.pdf>

Marian Ivan, 2006, Attenuation of P and pP waves in Vrancea area- Romania, *J. Seismology*, <http://dx.doi.org/10.1007/s10950-006-9038-7>

Marian Ivan, Vasile Marza, Daniel de Farias Caixeta and Tassia de Melo Arraes, 2006, Uppermost inner core attenuation from PKP data observed at some South American seismological stations, *GEOPHYSICAL JOURNAL INTERNATIONAL*, 164, 441-448

Ivan, M. and Wiejacz, P., 2005, Inner core attenuation observed at Polish broad-band station, *Acta Geoph. Polonica*, 53, 3, 231-238

Ivan, M. and Popa, M., 2004, Attenuation in the uppermost inner core from PKP data observed at some Romanian stations, *J.Balkan Geoph.Soc.*, 7, 3., 23-29M. IVAN, 2001, SKS splitting observed at GEOFON station MLR in Vrancea area - Romania, *Rev.Roum. GEOPHYSIQUE*, 44, 79-86

Marian Ivan, 2003, Short-period QpP-P in Vrancea area, Romania, *J.Balkan Geoph.Soc.*, 46-52

Marian Ivan, 2003, QS-P in Vrancea and adjacent areas – Romania, *St.cerc.geol., geofiz., geogr. (GEOPHYS.)*, 41, 57-63

Ivan, M. and Popa, M., 2003, Crustal seismicity adjacent to Vrancea area: the March 8th 2000 earthquake, *St.cerc. GEOFIZICA*, 42, 27-37

M. IVAN, L. TOTH, KISZELY, M, 2002, SKS splitting observed at the Hungarian GEOFON station PSZ, *J.Balkan Geoph.Soc.*, 5, 71-76

Marian Ivan, Luis Homem D'El Rey-Silva, Vasile Marza, 2001, Probing the Subcontinental South American Upper Mantle with SKS Splitting at Some Selected Brazilian Sites, *Rev.Roum.GEOPHYSIQUE*, 45, p.39-57