GNSS ATMOSPHERIC SEISMOLOGY
COMENTARIOS Y TRABAJOS CIENTIFICOS RELACIONADOS
Por Julio Cesar Gianibelli

GNSS Atmospheric Seismology: Theory, Observations and Modeling 1st ed. 2019 Edition

by Shuanggen Jin (Author), R. Jin (Author), X. Liu (Author)

- **Hardcover: 315 pages**
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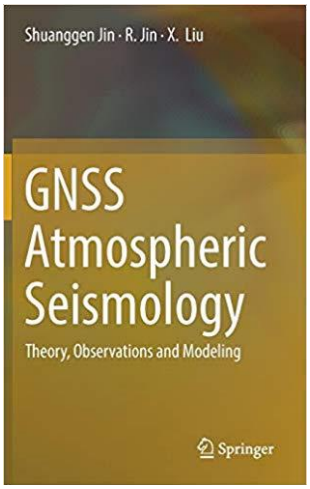

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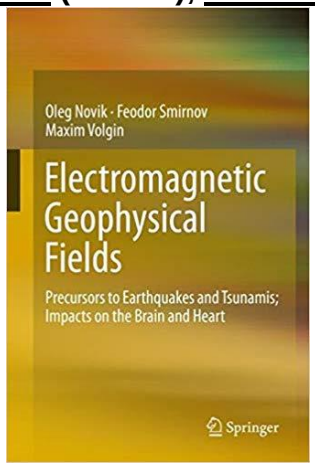
Electromagnetic Geophysical Fields: Precursors to Earthquakes and Tsunamis; Impacts on the Brain and Heart (1st ed. 2019)

by Oleg Novik (Author), Feodor Smirnov (Author), Maxim Volgin (Author)



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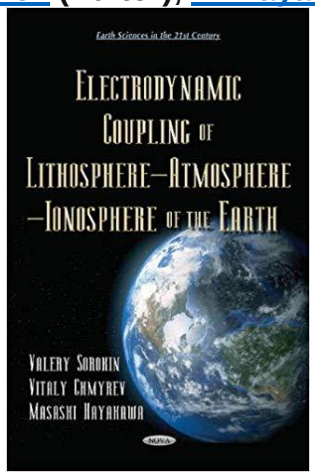
Electrodynamic Coupling of Lithosphere – Atmosphere – Ionosphere of the Earth
by V. M. Sorokin (Editor), V. M. Chmyrev (Editor), M. Hayakawa (Editor)



Series: Earth Sciences in the 21st Century
Hardcover: 355 pages
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Estos tres libros presentan una nueva línea de investigación donde convergen en su estudio diferentes autores uno de ellos es Sergey Pulinets quien tiene una clara forma de presentar las características fenomenológicas en estos otros tres libros:

SERGEY PULINETS
Dentro de la temática del estudio de los Precursores de los Terremotos Sergey es un experto que ha marcado una nueva forma del estudio de la dinámica del acoplamiento Ionosfera-Corteza Terrestre. Estos tres títulos son importantes como bibliografía que marca este nuevo paradigma en las Geociencias.

1) Ionospheric Precursors of Earthquakes Softcover reprint of hardcover 1st ed. 2005 Edition

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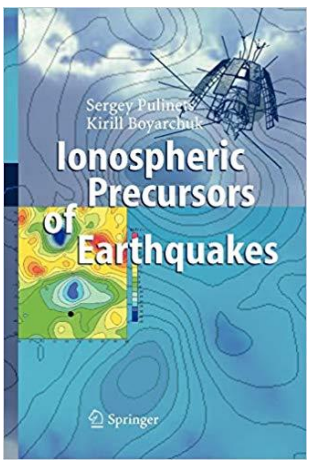

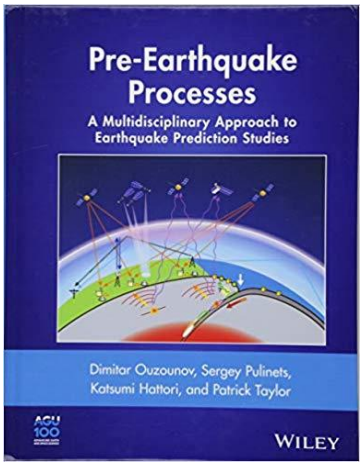

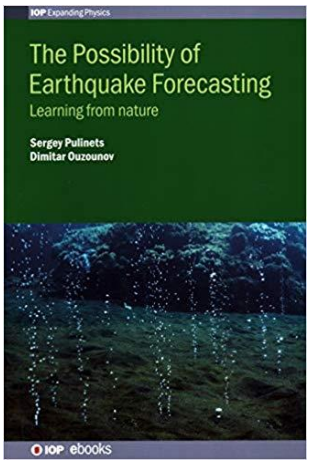

LINKS GNSS ATMOSPHERIC SEISMOLOGY LISTA DE TRABAJOS
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http://www.ipgp.fr/~ninto/Jin_2015ESR.pdf

002 Integration of Single-Frequency GNSS and Strong-Motion Observations for Real-Time Earthquake Monitoring
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003 The Variometric Approach to GNSS Seismology from Concept to Applications
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004 Real-time capture of seismic waves using high-rate multi-GNSS observations: Application to the 2015 Mw7.8 Nepal earthquake
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005 Warnings from the ionosphere
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006 Ionospheric GNSS Imagery of Seismic Source: Possibilities, Difficulties, and Challenges
https://agupubs.onlinelibrary.wiley.com/doi/pdf/10.1029/2018JA026107

007 INVESTIGATION OF IONOSPHERIC PRECURSORS OF EARTHQUAKES IN ROMANIA USING THE ROMANIAN GNSS/GPS NETWORK
http://www.nipne.ro/rjp/2016_61_7-8/RomJPhys.61.p1426.pdf

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010 A Global Database of Strong-Motion Displacement GNSS Recordings and an Example Application to PGD Scaling
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011 Seismic waves from atmospheric sources and Atmospheric/Ionospheric signatures of seismic waves.
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012 Pattern and evolution of seismo-ionospheric disturbances following the 2011 Tohoku earthquakes from GPS observations
013 Detection and modeling of Rayleigh wave induced patterns in the ionosphere
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014 Advances in earthquake and tsunami sciences and disaster risk reduction since the 2004 Indian ocean tsunami
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015 HIGH-RATE GNSS TECHNIQUES FOR THE DETECTION OF LARGE SEISMIC DISPLACEMENTS
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016 Seismo-ionospheric anomalies and implicationsfrom recent GNSS observations in India andSouth-East Asia
https://www.sciencedirect.com/science/article/pii/S1674984716300088

017 Special Issue: GNSS Applications in Geodesy and Geodynamics
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018 Real-time high-rate GNSS techniques for earthquake monitoring and early warning
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022 Recent developments in seismological geodesy
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026 The Utility of GNSS for Earthquake Early Warning in Regions with Sparse Seismic Networks
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030 Real-time GNSS for Fast Seismic Source Inversion and Tsunami Early Warning
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031 Dynamic characteristics of very-high-rate GPS observations for seismology
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051 Space geodetic data (GPS) and earthquake forecasting: examples from the Italian geodetic network
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052 Precursor analysis of ionospheric GPS-TEC variations before the 2010 M7.2 Baja California earthquake
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053 Seismo-ionospheric anomalies and implications from recent GNSS observations in India and South-East Asia
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054 Glacial Seismology: A Rapidly Evolving Discipline
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057 Real-time sensing of atmospheric water vapor from multi-GNSS constellations
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093 Chapter 09. Atmospheric Signals Associated with Major Earthquakes. A Multi-Sensor Approach.
https://ntrs.nasa.gov/archive/nasa/casi.ntrs.nasa.gov/20110012856.pdf
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094 TEC anomalies—Local TEC changes prior to earthquakes or TEC response to solar and geomagnetic activity changes?
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095 Correlation analysis technique revealing ionospheric precursors of earthquakes
https://hal.archives-ouvertes.fr/hal-00299217/document
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096 Total electron content variations in the ionosphere before the Colima, Mexico, earthquake of 21 January 2003
http://www.scielo.org.mx/pdf/geoint/v44n4/0016-7169-geoint-44-04-369.pdf
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https://www.mdpi.com/2073-4433/10/4/216/pdf-vor

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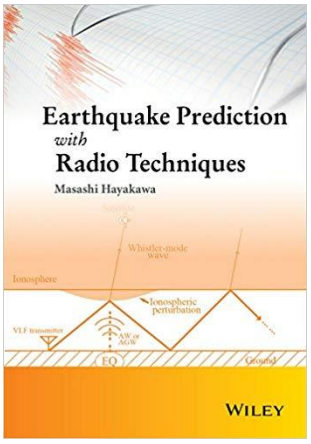

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