



The NeQuick model genesis, uses and evolution

Sandro M. Radicella

Abstract

The genesis and evolution of the NeQuick model is reviewed from the initial ionospheric efforts made in the framework of the European COST actions on ionospheric issues to the last version of the model (NeQuick 2).

Attention is given to the uses of the model particularly by the European satellite navigation and positioning systems EGNOS and GALILEO. Recent assessment studies on the performance of NeQuick 2 are also reviewed.

Keywords

ionospheric model – model assessment – model uses

Full Text:

[PDF](#)

References

DOI: <https://doi.org/10.4401/ag-4597>

Published by INGV, Istituto Nazionale di Geofisica e Vulcanologia - ISSN: 2037-416X

USER

Username

Password

Remember me

MOST VIEWED

- OPERATIONAL EARTHQUAKE FORECASTING....
- ObsPy – What can it do for data...
- Twitter earthquake detection:...
- Magnitude and energy of earthquakes
- Comparison between low-cost and...

AUTHOR GUIDELINES





EARLY PAPERS

- ▶ [Vol 61, 2018](#)

FAST TRACKS

- ▶ [Vol 56, Fast Track 1, 2013](#)
- ▶ [Vol 57, Fast Track 2, 2014](#)
- ▶ [Vol 58, Fast Track 3, 2015](#)
- ▶ [Vol 59, Fast Track 4, 2016](#)
- ▶ [Vol 59, Fast Track 5, 2016](#)
- ▶ [Vol 60, Fast Track 6, 2017](#)
- ▶ [Vol 60, Fast Track 7, 2017](#)
- ▶ [Vol 61, Fast Track 8, 2018](#)

ARTICLE TOOLS

-  [Indexing metadata](#)
-  [How to cite item](#)
-  [Email this article \(Login required\)](#)
-  [Email the author \(Login required\)](#)

ABOUT THE AUTHOR

Sandro M. Radicella
ARPL, The Abdus Salam
ICTP, Trieste, Italy

JOURNAL CONTENT

Search

Search Scope

All ▾

Search

Browse

- [By Issue](#)
- [By Author](#)
- [By Title](#)

[Journal Help](#)

KEYWORDS

Central Italy
Earthquake GPS
Historical seismology
Ionosphere Irpinia
earthquake Italy Mt.
Etna Seismic hazard
Seismic hazard
assessment Seismology
UN/IDNDR earthquake
earthquakes historical
earthquakes
ionosphere magnetic
anomalies
paleoseismology seismic
hazard **seismicity**
seismology

NOTIFICATIONS

- [View](#)
- [Subscribe](#)

USAGE STATISTICS INFORMATION

We log anonymous usage statistics. Please read the privacy information for details.

