



## RECENT DEVELOPMENTS OF THE ISC SEISMIC EVENT BIBLIOGRAPHY

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The International Seismological Centre (ISC) is a not-for-profit institution operating in the UK for the last 50 years and compiling the Bulletin – the definitive worldwide summary of seismic events, both natural and anthropogenic, starting from the beginning of the 20th century.

We linked earthquakes and other seismic events in the ISC database with bibliographic records of scientific articles (mostly peer-reviewed journals) that consider those events. We offer a map-based web service that supports users in selecting scientific publications related to either specific events or events in the area of interest. Currently the ISC Event Bibliography includes over 16,000 individual publications from about 500 titles related to over 14,000 seismic events that occurred in last 100+ years. The global map of Figure 1 illustrates the number of articles associated with each seismic event in the ISC Event Bibliography. Some of the most notable earthquakes (black bars in Figure 1) were described in several hundreds of articles published over a period of few years. Not surprisingly, many of the notable events occurred in the Euro-Mediterranean region.

The journals included in our database include a variety of fields in geosciences (e.g., engineering seismology, earthquake seismology, geodesy and remote sensing, tectonophysics, monitoring research, tsunamis, geology, geochemistry, hydrogeology, atmospheric sciences, etc.) making this service useful in multidisciplinary studies.

In this contribution we show how the ISC Event Bibliography helps in gathering information about specific seismic events and its usefulness during paper preparation for authors (hence for reviewers and editors in the revision process). We also suggest that the ISC Event Bibliography can be a useful resource to monitoring agencies that provide information on the seismicity of a region soon after a significant earthquake has occurred.

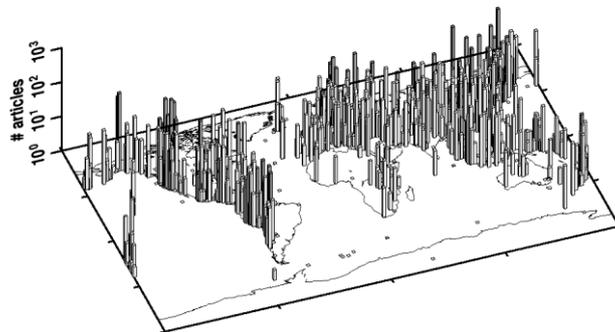


Figure 1. Distribution of the number of scientific articles related to individual earthquakes and other seismic events included in the ISC Event Bibliography. Events with more than 50 articles associated are shown in black.

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