

# **Das Discoverysystem ALBERT ein Baustein auf dem Weg zur Realisierung eines ‚Library as a Service-Konzepts‘**

Roland Bertelmann, Sascha Szott, Doreen Thiede, Tobias Höhnow

This document appeared in

JARA - Forschungszentrum Jülich und RWTH Aachen University (Eds.):

Spezialbibliotheken – Freund und Follower der Wissenschaft

Präsentationen der 33. Arbeits- und Fortbildungstagung der Arbeitsgemeinschaft der Spezialbibliotheken e.V. – Sektion 5 im Deutschen Bibliotheksverband

Proceedings of the ASpB 2011: Spezialbibliotheken - Freund und Follower der Wissenschaft, 09.-11. November 2011, Auditorium der Zentralbibliothek im Forschungszentrum Jülich

Zentralbibliothek (ZB)

Forschungszentrum Jülich GmbH, Zentralbibliothek, Verlag, 2011

ISBN:

# **Das Discoverysystem ALBERT** **ein Baustein auf dem Weg zur Realisierung** **eines ‚Library as a Service-Konzepts‘**

Roland Bertelmann, Sascha Szott, Doreen Thiede, Tobias Höhnow

Spezialbibliotheken - *Freund und Follower* der Wissenschaft  
AspB – Jülich 2011

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# Setzungen

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# Setzungen

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2007: erste Version Albert

(Discoverysystem als Buzzword kam erst später)

Bibliothekssuchmaschine statt Bibliothekskatalog, *Bibliotheksdienst* 41. Jg. (2007), H. 12

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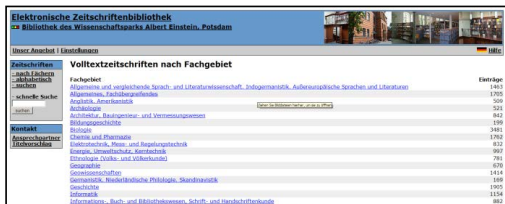
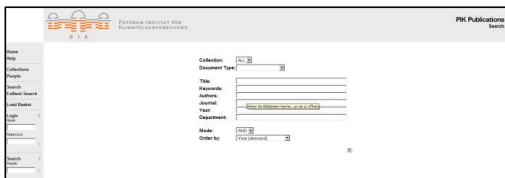
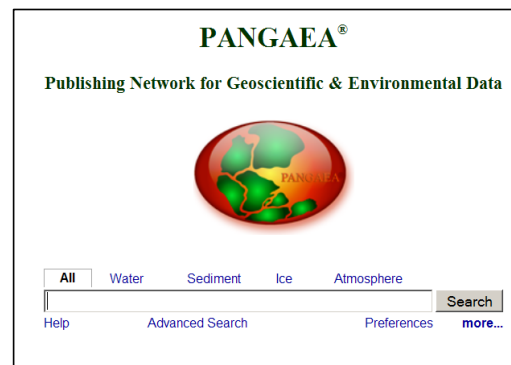
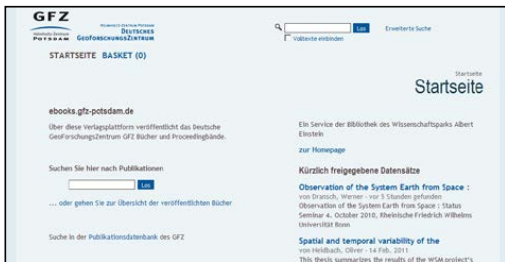
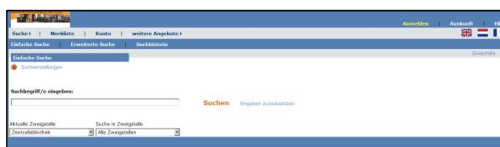
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und der Bibliothek des Wissenschaftsparks Albert Einstein

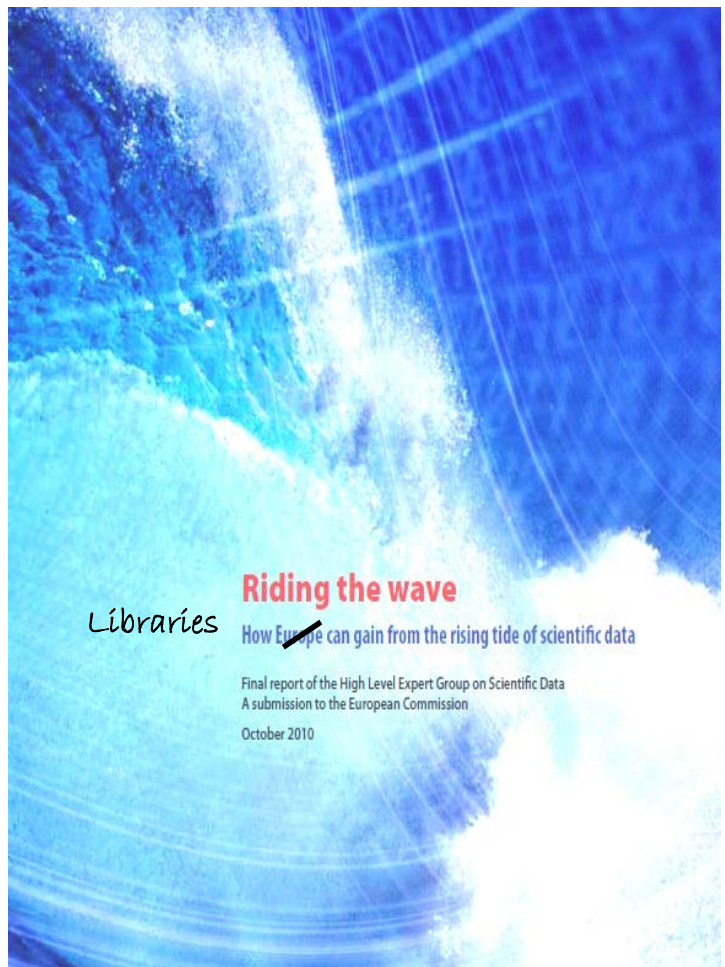
(gemeinsame Bibliothek des Deutschen GeoForschungsZentrums GFZ, des Potsdam Instituts für Klimafolgenforschung, der Forschungsstelle Potsdam des Alfred Wegener-Instituts für Polar- und Meeresforschung und des IASS Institute for Advanced Sustainability Studies)

# Zugangssystem Ersteinstieg für den lokalen Bedarf



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1.  **Geochemical and physical sediment properties of sediment cores from the Portuguese shelf** (2009) DATA PANGAEA

Alt-Epping, Ulrich; Stuut, Jan-Berend; Hebbeln, Dierk; [et al.]  
PANGAEA

Supplement to: Alt-Epping, Ulrich (2008): Late Quaternary Sedimentation Processes and Sediment Accumulation Changes off Portugal. PhD Thesis, Elektronische Dissertationen an der Staats- und Universitätsbibliothek Bremen, Germany, urn:nbn:de:gbv:46-diss000111503

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Publication Date: 2009-08-24

Description: Marine sediments from the Portuguese shelf are influenced by environmental changes in the surrounding continental and marine environment. These are largely controlled by the North Atlantic Oscillation, but additional impacts may arise from episodic tsunamis. In order to investigate these influences, a high resolution multi-proxy study has been carried out on a 5.4 m long gravity core and five box cores from the Tagus prodelta on the western Portuguese margin, incorporating geochemical (Corg/Ntotal ratios, d13Corg, d15N, d18O, Corg and CaCO3 content) and physical sediment properties (magnetic susceptibility, grain-size). Subsurface data of the five box cores indicate no major effect of early postdepositional alteration. Surface data show a higher fraction of terrigenous organic material close to the river mouth and in the southern prodelta. Gravity core GeoB 8903 covers the last 3.2 kyrs with a temporal resolution of at least 0.1 cm/yr. Very high sedimentation rates between 69 and 140 cm core depth indicate a possible disturbance of the record by the AD1755 tsunami, although no evidence for a disturbance is observed in the data. Sea surface temperature and salinity on the prodelta, the local budget of marine NO3- as well as the provenance of organic matter remained virtually constant during the past 3.2 kyrs. A positive correlation between magnetic susceptibility (MS) and North Atlantic Oscillation (NAO) is evident for the past 250 years, coinciding with a negative correlation between mean grain-size and NAO. This is assigned to a constant riverine supply of fine material with high MS, which is diluted by the riverine input of a coarser low-MS component during NAO negative, high-precipitation phases. End-member modelling of the lithic grain-size spectrum supports this, revealing a third, coarse lithic component. The high abundance of this coarse end-member prior to 2 kyr BP is interpreted as the result of stronger bottom currents, concentrating the coarse sediment fraction by winnowing. As continental climate was more arid prior to 2 kyr BP (Subboreal), the coarse end-member may also consist of dust from local sources. A decrease in grain-size and CaCO3 content after 2 kyr BP is interpreted as a result of decreasing wind strength. The onset of a fining trend and a further decrease in CaCO3 around AD900 occurs simultaneous to climatic variations, reconstructed from eastern North Atlantic records. A strong increase in MS between AD1400 and AD1500 indicates higher lithic terrigenous input, caused by deforestation in the hinterland.

Keywords: Age; Age, 14C calibrated; Age, AMS 14C milieu/reservoir corrected; Age, dated; Age dated; bulk sediment; CaCO3; Calcium carbonate; calculated; calculated, CaCO3= (TC-TOC)\*8.333; calculated, see reference(s); calculated after FOLK; Carbon, organic, particulate/Nitrogen, total ratio; Carbon, organic, total; Center for Marine Environmental Sciences; Corg/TN; d13C Corg; d15N; d15N bulk; delta 13C, organic carbon; delta 15N; delta 15N, bulk sediment; Element analyser Vario EL III; EM1; EM2; EM3; End member 1; End member 2; End member 3; Error; Error absolute; Foraminifera, planktic d13C; Foraminifera, planktic d18O; Foraminifera, planktic d13C; Foraminifera, planktic d18O; Half error (yrs); Interval; Interval comments; kappa; MARUM; Mass spectrometer Finnigan Delta-E; Mean, grain size; Mean gs; Multi-Sensor Core Logger GEOTEK; Nitrogen, total; Ocean Margin Exchange Project; OMEX; Sedimentation rate per year; Sedimentation rates, interval; Sedim rate; see reference(s); Susceptibility, volume; terrigenous fraction; TN; TOC; total

Language: en

Type: Dataset

Format: application/zip, 13 datasets

# Articles ahead of print

The screenshot shows a SpringerLink article page. At the top, there is a search bar with the text 'GER Helmholtz Gesellschaft 1054'. Below the search bar, there are navigation tabs: 'Zeitschrift', 'JOURNAL OF GEODESY', and 'EARTH AND ENVIRONMENTAL SCIENCE'. The article title is 'GGOS-D: homogeneous reprocessing and rigorous combination of space geodetic observations'. The authors listed are M. Rothacher, D. Angermann, T. Artz, W. Bosch, H. Drewes, M. Gerstl, R. Kelm, D. König, R. König und B. Meisel, et al. A red circle highlights the 'Online First' label next to the DOI: 10.1007/s00190-011-0475-x. The article is categorized as an 'ORIGINAL ARTICLE'. There are options to 'Download PDF (2,5 MB)' and 'Lizenzen und Nachdrucke'. The abstract is in German, starting with 'In preparation of activities planned for the realization of the Global Geodetic Observing System (GGOS), a group of German scientists has carried out a study under the acronym GGOS-D which closely resembles the ideas behind the GGOS initiative. The objective of the GGOS-D project was the investigation of the methodological and information-technological realization of a global geodetic-geophysical observing system and especially the integration and combination of the space geodetic observations. In the course of this project, highly consistent time series of GPS, VLBI, and SLR results were generated based on common state-of-the-art standards for modeling and parameterization. These series were then combined to consistently and accurately compute a Terrestrial Reference Frame (TRF). This TRF was subsequently used as the basis to produce time series of station coordinates, Earth orientation, and troposphere parameters. In this publication, we present results of processing algorithms and strategies for the integration of the space-geodetic observations which had been developed in the project GGOS-D serving as a prototype or a small and limited version of the data handling and processing part of a global geodetic observing system. From a comparison of the GGOS-D terrestrial reference frame results and the ITRF2005, the accuracy of the datum parameters is about 5-7 mm for the positions and 1.0-1.5 mm/year for the rates. The residuals of the station positions are about 3 mm and between 0.5 and 1.0 mm/year for the station velocities. Applying the GGOS-D TRF, the offset of the polar motion time series from GPS and VLBI is reduced to 50 μas (equivalent to 1.5 mm at the Earth's surface). With respect to troposphere parameter time series, the offset of the estimates of total zenith delays from co-located VLBI and GPS observations for most stations in this study is smaller than 1.5 mm. The combined polar motion components show a significantly better WRMS agreement with the IERS 05C04 series (96.0/96.0 μas) than VLBI (109.0/100.7 μas) or GPS (98.0/99.5 μas) alone. The time series of the estimated parameters have not yet'.

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Number 12 / Dezember 2010	705-764	

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**ORIGINAL ARTICLE**

**GGOS-D: homogeneous reprocessing and rigorous combination of space geodetic observations**

M. Rothacher, D. Angermann, T. Artz, W. Bosch, H. Drewes, M. Gerstl, R. Kelm, D. König, R. König und B. Meisel, et al.

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**Zusammenfassung**

In preparation of activities planned for the realization of the Global Geodetic Observing System (GGOS), a group of German scientists has carried out a study under the acronym GGOS-D which closely resembles the ideas behind the GGOS initiative. The objective of the GGOS-D project was the investigation of the methodological and information-technological realization of a global geodetic-geophysical observing system and especially the integration and combination of the space geodetic observations. In the course of this project, highly consistent time series of GPS, VLBI, and SLR results were generated based on common state-of-the-art standards for modeling and parameterization. These series were then combined to consistently and accurately compute a Terrestrial Reference Frame (TRF). This TRF was subsequently used as the basis to produce time series of station coordinates, Earth orientation, and troposphere parameters. In this publication, we present results of processing algorithms and strategies for the integration of the space-geodetic observations which had been developed in the project GGOS-D serving as a prototype or a small and limited version of the data handling and processing part of a global geodetic observing system. From a comparison of the GGOS-D terrestrial reference frame results and the ITRF2005, the accuracy of the datum parameters is about 5-7 mm for the positions and 1.0-1.5 mm/year for the rates. The residuals of the station positions are about 3 mm and between 0.5 and 1.0 mm/year for the station velocities. Applying the GGOS-D TRF, the offset of the polar motion time series from GPS and VLBI is reduced to 50 μas (equivalent to 1.5 mm at the Earth's surface). With respect to troposphere parameter time series, the offset of the estimates of total zenith delays from co-located VLBI and GPS observations for most stations in this study is smaller than 1.5 mm. The combined polar motion components show a significantly better WRMS agreement with the IERS 05C04 series (96.0/96.0 μas) than VLBI (109.0/100.7 μas) or GPS (98.0/99.5 μas) alone. The time series of the estimated parameters have not yet



# Forschungsumfeld: Bedarf nach **aktuellen** Zeitschriftenartikeln (ahead of print)

The screenshot displays the ALBERT library website interface. At the top, there is a navigation bar with links for 'Simple Search', 'Advanced Search', 'Journals A-Z', 'Latest Books', 'Mind List (1)', 'Search History', and 'Settings'. The main search area shows the query 'earthquake' with a 'GO' button and '5976 hits in 0.294 seconds'. A sidebar on the left offers search refinement options for 'Collection' (Articles), 'Source', 'Keywords', and 'Publisher'. The search results list two articles:

- Effects of Earth's curvature and radial heterogeneity in dislocation studies: Case studies of the 2008 Wenchuan earthquake and the 2004 Sumatra earthquake (2010)** by Earthquake Science. Links: Show Details, Fulltext, SFX, Permalink.
- Pre-seismic anomalies in seismicity and crustal deformation: case studies of the 2007 Noto Hanto earthquake of M6.9 and the 2007 Chuetsu-oki earthquake of M6.8 after the 2004 Chuetsu earthquake of M6.8 (2011)** by Yoshiko Ogata, Geophysical Journal International. Links: Show Details, Fulltext, SFX, Permalink.

The second article is expanded to show its abstract, with a red box highlighting the 'Publication Date: 2011-05-26'. Below the search results, the article's full page is visible, including the Wiley Online Library logo, journal title 'Geophysical Journal International', and the article title. A red circle highlights the 'Early View (Online Version of Record published before inclusion in an issue)' link. The page also features a sidebar with 'JOURNAL TOOLS', 'JOURNAL MENU', 'FIND ISSUES', 'FIND ARTICLES', 'GET ACCESS', and 'FOR CONTRIBUTORS' sections. A search bar and 'ARTICLE TOOLS' are located on the right side of the article page.

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- American Chemical Society (99)
- Nature (81)
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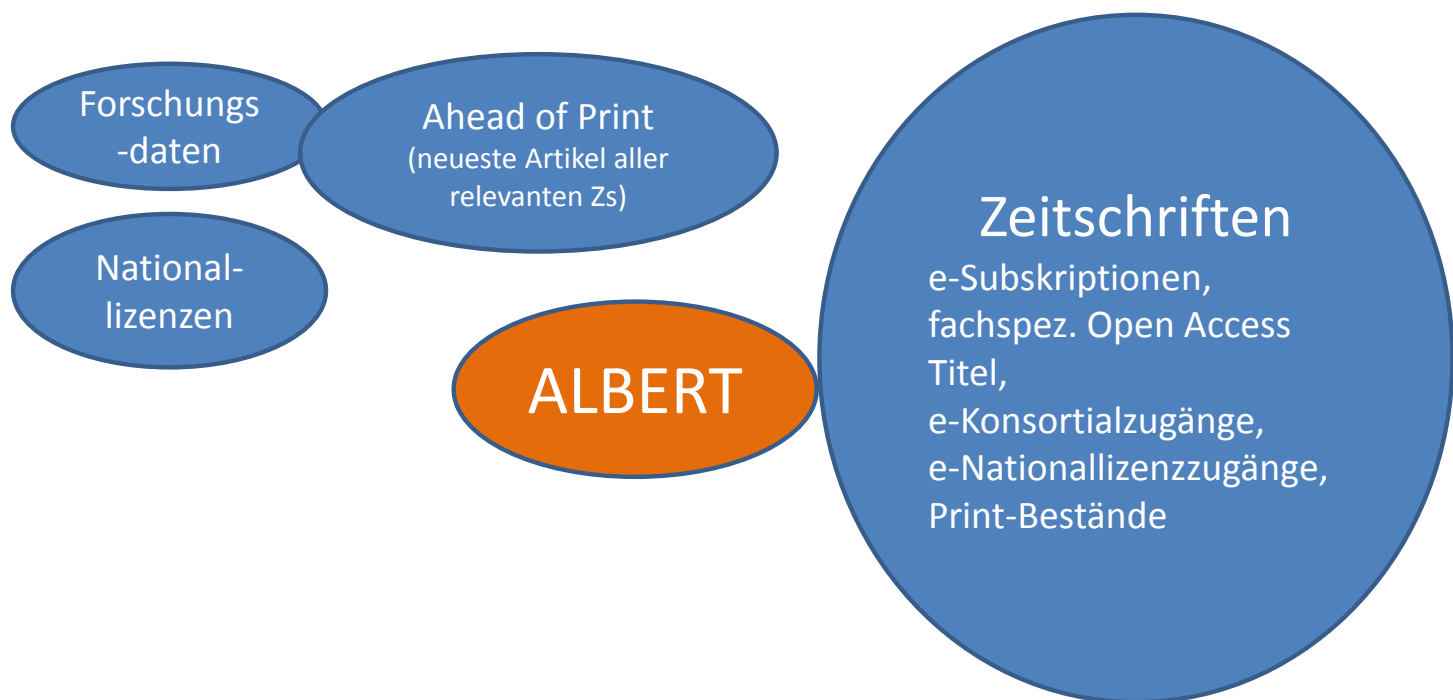
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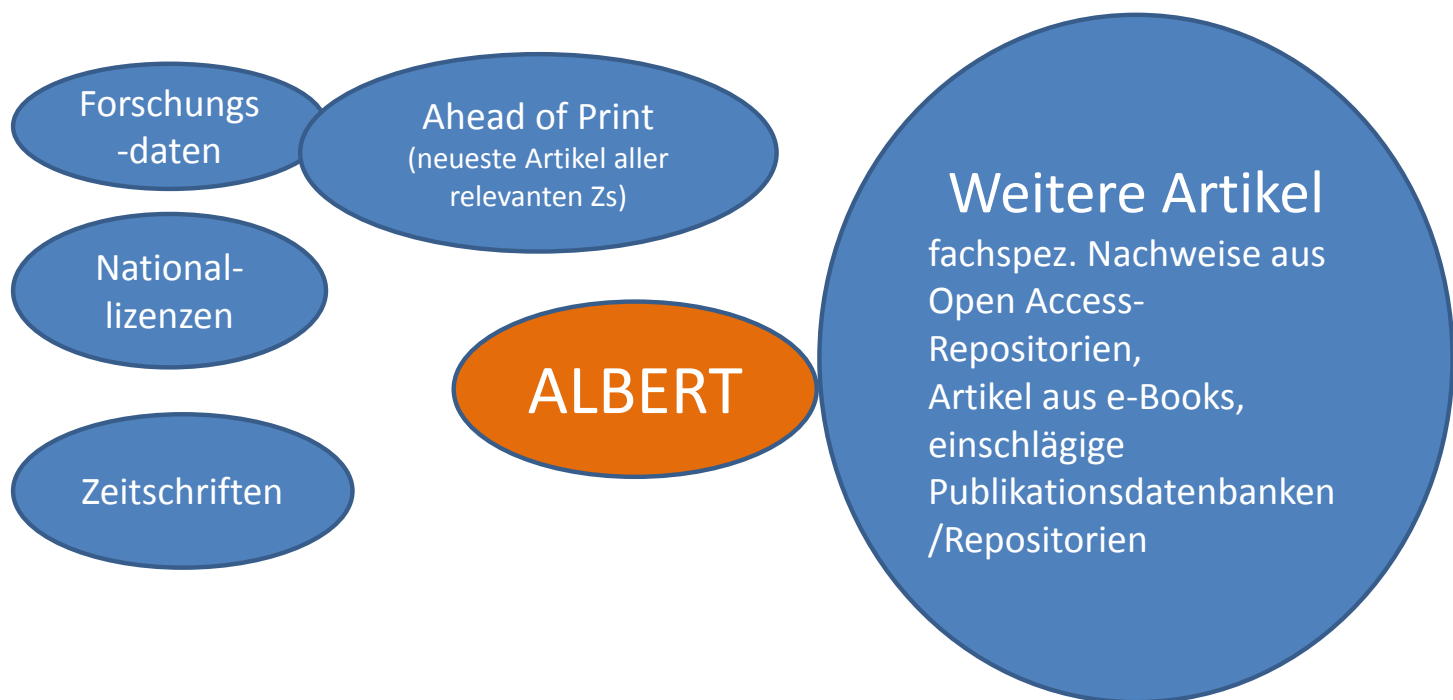
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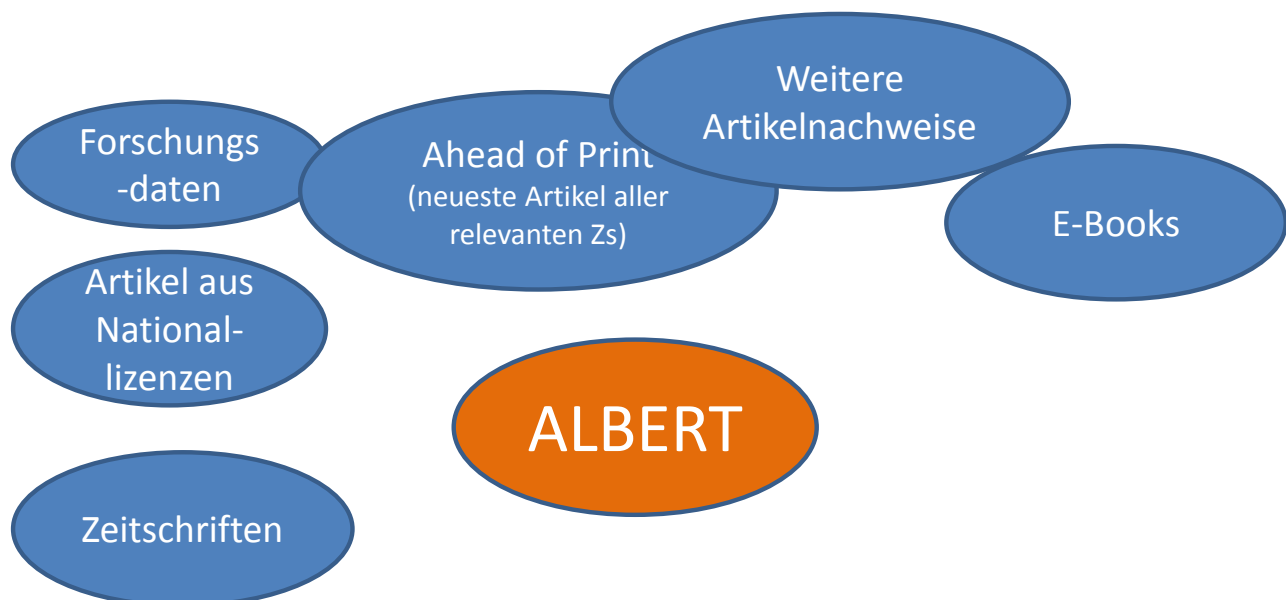
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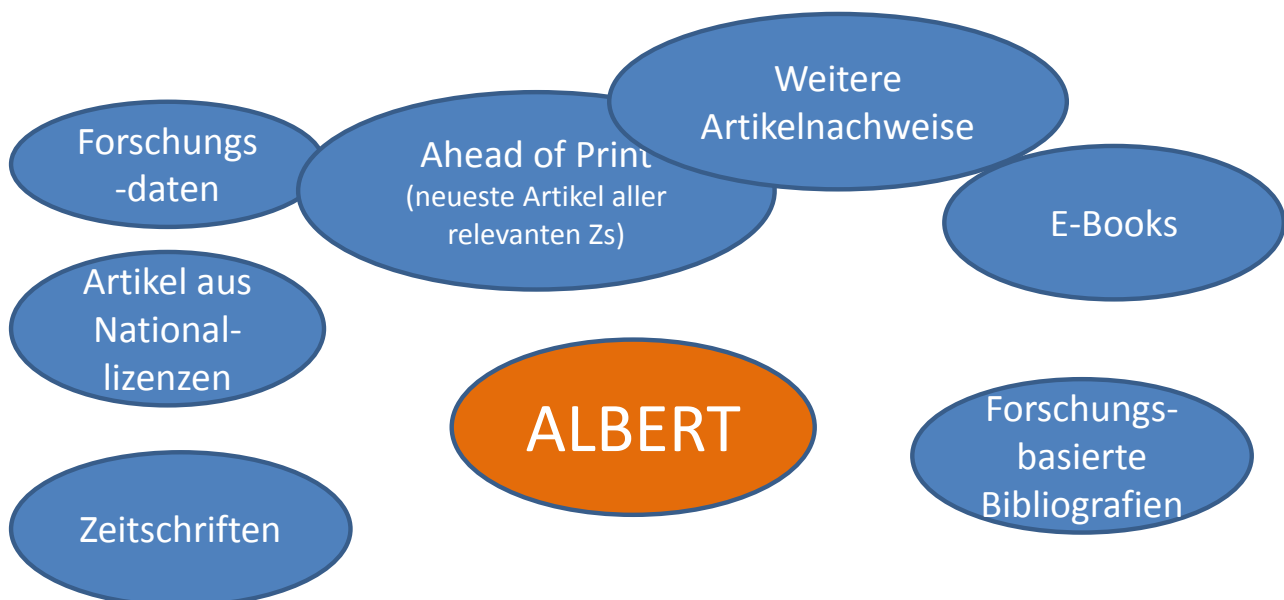
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# Was sonst noch suchbar ist




# Was sonst noch suchbar ist






# Und natürlich Katalogdaten

3.  **San Fernando, California, Earthquake of February 9, 1971/Vol. 3: Geological and geophysical studies : classical seismology ; surface and subsurface geology ; vertical and horizontal geodesy ; strong-motion seismology ; geomagnetism** (1973)

BOOK 

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4.  **Historical seismology : interdisciplinary studies of past and recent earthquakes** (2008)

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Fréchet, Julien [Hrsg.]; Meghraoui, Mustapha [Hrsg.]; Stucchi, Massimiliano [Hrsg.]

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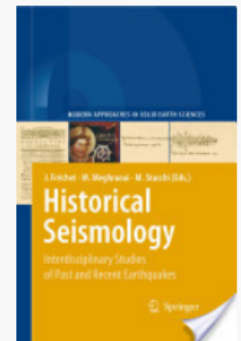
keywords: Seismologie

description:

Modern seismology has faced new challenges in the study of earthquakes and their physical characteristics. This volume is dedicated to the use of new approaches and presents a state of the art in historical seismology. Selected historical and recent earthquakes are chosen to document and constrain related seismic parameters using updated methodologies in the macroseismic analysis, field observations of damage distribution and tectonic effects, and modelling of seismic waveforms. A critical re-evaluation of historical accounts and early seismograms provides us with the basis for a realistic seismic hazard assessment.- A glimpse into the seismicity of the Ionian Islands between 1658 and 1664.- The earthquake of April 4, 1640 in the Lower Rhine Embayment.- The Value of Descriptive Earthquake Catalogues of the Eastern Mediterranean Region and the Middle East.- Sources of the 1692 and 1907 earthquakes in Jamaica.- Quantitative analysis of early seismograph recordings.- The Late 17th century earthquakes in Northwest Africa: how many (if any)?- Richter magnitude evaluation: from historical macroseismic data to seismic waveform modelling.- In troubled times, in a divided country: the Upper Tiber Valley earthquake of 1789.- Can we improve the knowledge of historical seismicity of France, and elsewhere?.- The seismicity of Central Alps: seismological and archaeological traces, geological evidence and open problems.- The 1855 Visp (Switzerland) Earthquake: A Milestone in Macroseismic Methodology?.- Large Historical Earthquakes in Eastern/Central North America: Fact and Fiction.- Benson Making Seismograms Accessible from Historical Seismogram Filming to the Online SeismoArchives.- Attenuation of intensity for the Zemmouri earthquake of May 2003 (Mw 6.8): Insights for the seismic hazard assessment in northern Algeria.- Earthquake Fault Ruptures and Historical Seismology : A decisive step for a better constraint of the active deformation.- The case for large (M>7) earthquakes felt in the UK in historical times.- Earthquake effects on nature and macroseismic intensity scales.- Interpretation of the 1755 Lisbon earthquake based on the historical observations of different physical phenomena.- Review of historical earthquakes in the lower middle age: earthquakes of the XIV and XV centuries in Catalonia (NE Spain).- What is the lowest magnitude threshold at which an earthquake can be felt or heard, or objects thrown into the air?

pages: xviii, 443 S.

ISBN: 1402082215



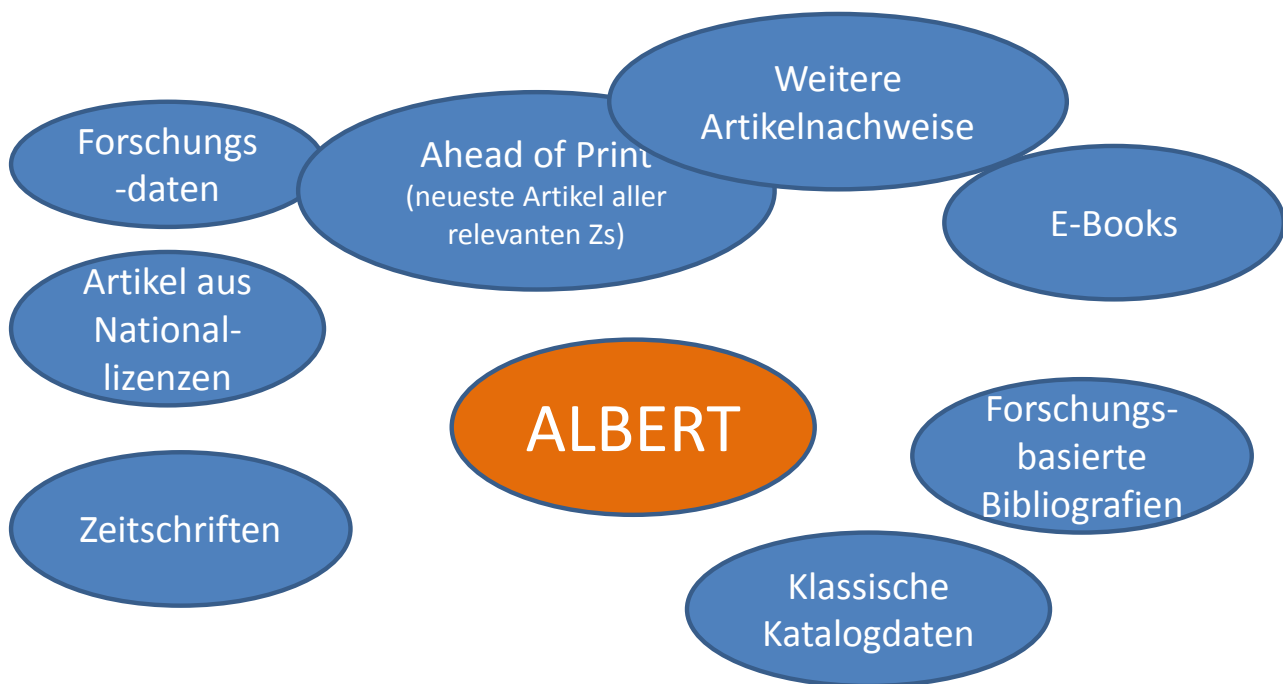
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## Latest Items for simple query earthquake

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### [Rupture process of the 9 March, 2011 Mw 7.4 Sanriku-Oki, Japan earthquake constrained by jointly inverting teleseismic waveforms, strong motion data and GPS observations \(Geophysical Research Letters\)](#)



Samstag, 5. November 2011 00:00


The slip history of the 2011 Mw 7.4 Sanriku-Oki, Japan earthquake, which occurred fifty-one hours before the Mw 9.1 Tohoku earthquake, is constrained by jointly inverting waveforms of teleseismic body waves, long period surface waves and local strong motions as well as GPS observations, after first relocating its hypocenter using a double difference approach and teleseismic P waves. The inverted results indicate that the rupture of this Sanriku-Oki earthquake was dominated by the failure of an elliptical shape asperity, elongating roughly along the plate motion direction. The rupture initiated at the southeast corner of this asperity and propagated mainly in the west-northwest direction with a rupture velocity of 3.1 km/s in the beginning 15 s and 1.1 km/s in the next 40 s. It released a total seismic moment of  $1.6 \times 10^{20}$  Nm, with 82% occurring in the first 25 s. The rupture had an average slip of 1 m and produced an average stress drop of 0.9 MPa. The Sanriku-Oki earthquake did not break the hypocenter region of the Mw 9.1 Tohoku earthquake but slightly increased the Coulomb stress there. A correlation between the high slip region and the high  $V_p/V_s$  ratio of the overriding plate right above the plate interface has been found, which suggests the Sanriku-Oki earthquake and its frequent predecessors might have broken a relatively weaker patch within a large strongly coupled asperity.

### [Observations of Earth's toroidal free oscillations with a rotation sensor: The 2011 magnitude 9.0 Tohoku-Oki earthquake \(Geophysical Research Letters\)](#)

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Journal of Earthquake Engineering, Volume 15, Issue 7, Page 1117-1137, September-October 2011.

**[An Effective Procedure for Seismic Analysis of Arch Dams including Dam-Reservoir-Foundation Interaction Effects \(Journal of Earthquake Engineering\)](#)**

Samstag, 10. September 2011 00:00

Journal of Earthquake Engineering, Volume 15, Issue 7, Page 971-988, September-October 2011.

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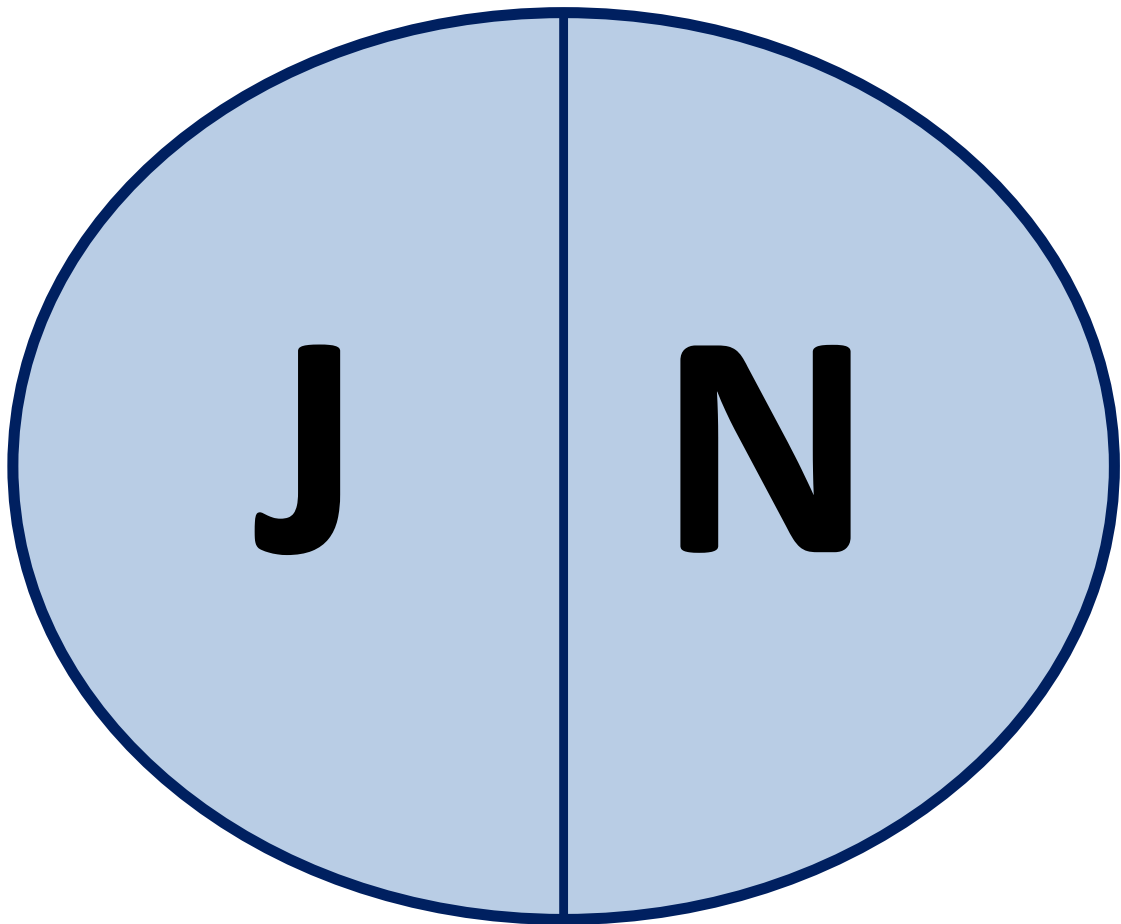
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