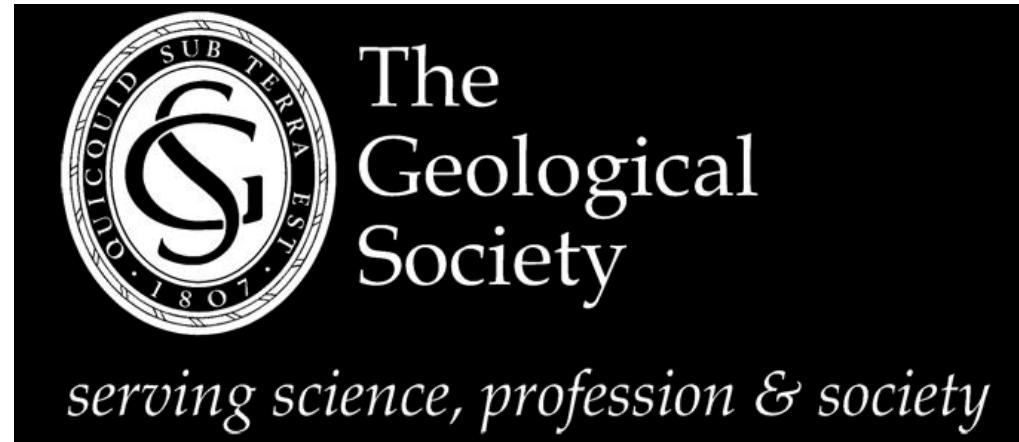




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1. Área de autentificación.
2. Barra de navegación superior.
3. Las publicaciones más destacadas.
4. Búsqueda por publicaciones.
5. Cuadro de búsqueda básica.
6. Área de búsqueda avanzada.

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Towa River

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2. Tipo de contenido.
3. Citas.
4. Autores y palabras claves.

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1

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2

Content Type

Articles

Figures

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3

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Citation-specific search information

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e.g., 2009

Volume

e.g., 20

Issue

e.g., 3

First page

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4

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e.g., Smith, JS

Author

e.g., Smith, JS

Title

words any all phrase

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1. Resultados de la búsqueda.
2. Columna lateral para ajustar los resultados de la búsqueda.

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Results/page 10 Order by Best Match

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1

From graphical display to dynamic model: mathematical geology in the Earth sciences in the nineteenth and twentieth centuries

Richard J. Howarth
Geological Society, London, Special Publications January 2002, 192 (1) 59-97; DOI: <https://doi.org.ez1.periodicos.capes.gov.br/10.1144/GSL.SP.2002.192.01.04>
... computational fluid-flow, visualization technology, etc., has proved of economic benefit to mining, petroleum geology and hydrogeology. Other, computationally intensive, methods likely to be of importance in the Earth sciences are the application of 'robust' statistical methods, increasing use of Bayesian ...

The first archaeointensity records from New Zealand: evidence for a fifteenth century AD archaeomagnetic 'spike' in the SW Pacific Region?

Gillian M. Turner, Rimpay Kinger, Bruce McFadgen and Monique Gevers
Geological Society, London, Special Publications April 2020, 497 SP497-2019-71; DOI: <https://doi.org.ez1.periodicos.capes.gov.br/10.1144/SP497-2019-71>
... gillian.turner@uvu.ac.nz Abstract Hangi stones, used to retain heat in traditional Maori earth ovens (hangi), may carry records of Earth's magnetic field when they were last used. Sixteen archaeological features, including 12 hangi, from eight sites were sampled and their palaeomagnetic data used ...

Archean crustal evolution of the Bundelkhand Craton: evidence from granitoid magmatism

Vinod K. Singh, Sanjeet K. Verma, Pradip K. Singh, A. I. Slabunov, Sumit Mishra and Neeraj Chaudhary
Geological Society, London, Special Publications December 2019, 489 SP489-2018-72; DOI: <https://doi.org.ez1.periodicos.capes.gov.br/10.1144/SP489-2018-72>
... VERMA , <https://orcid.org/0000-0003-1698-8781> PRADIP K. SINGH 2,3 , A.I. SLABUNOV 4,5 , SUMIT MISHRA , NEERAJ CHAUDHARY 1,7 Department of Geology, Institute of Earth Sciences, Bundelkhand University, Jhansi, India División de Geociencias Aplicadas, Instituto Potosino de Investigación Científica y ...

Jean-André de Luc (1727–1817): an atheist's comparative view of the historiography

David R. Oldroyd
Geological Society, London, Special Publications January 2009, 310 (1) 7-15; DOI: <https://doi.org.ez1.periodicos.capes.gov.br/10.1144/SP310.2>
... and etic from cultural anthropology are deployed. (These terms indicate, respectively, an insider's or an outsider's approach to a subject.) Older geological writings commonly reflected their authors' religious

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Publication date

- 2020 (1)
- 2016-2019 (31)
- 2011-2015 (53)
- 2006-2010 (50)
- 1981-2005 (44)

Article Type

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- Miscellaneous geology (11)

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1. Título e información del artículo.
2. Contenido.
3. Descargar en formato PDF.
4. Diversas herramientas.
5. Estructura de la navegación entre los temas.

1

The first archaeointensity records from New Zealand: evidence for a fifteenth century AD archaeomagnetic 'spike' in the SW Pacific Region?

Gillian M. Turner, Rimpy Kinger, Bruce McFadgen and Monique Gevers
Geological Society, London, Special Publications, 497, 3 April 2020, <https://doi.org.ez1.periodicos.capes.gov.br/10.1144/SP497-2019-71>

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Article Figures & Data Info & Metrics 3 PDF

Abstract

Hangi stones, used to retain heat in traditional Maori earth ovens (hangi), may carry records of Earth's magnetic field when they were last used. Sixteen archaeological features, including 12 hangi, from eight sites were sampled and their palaeomagnetic data used to construct the first archaeointensity record for New Zealand, covering the past 700 years. A combination of radiocarbon dating of associated charcoal and archaeomagnetic dating of palaeomagnetic directions was used to obtain a 'preferred' date of each archaeointensity. A plot of virtual axial dipole moment (VADM) for the SW Pacific region outlines steady VADM values of about 8×10^{22} A m² from 1000 to 1300 AD and 9.5×10^{22} A m² from 1500 AD to the present, with a sharp peak in the early fifteenth century when the VADM reached about 13×10^{22} A m². This peak bears many similarities to archaeomagnetic 'jerks' and 'spikes' in Northern Hemisphere records from the first millennia BC and AD. However, it is the first such feature to be found in the Southern Hemisphere at this date, suggesting, in accordance with recent modelling, that it may be a feature of the non-dipole field, associated with rapid growth and decay of an intense flux patch on the core-mantle boundary.

Supplementary material: Specimen-level palaeointensity data, quality parameters, site averages and statistics are available at <https://doi.org.ez1.periodicos.capes.gov.br/10.6084/m9.figshare.c.4834923>

Absolute measurements of the intensity of the geomagnetic field date back less than 200 years, to Gauss's invention of the so-called deflection-oscillation method ([Gauss 1838](#), described in [Garland 1979](#)). Spherical harmonic modelling of historical observations of declination and/or inclination together with an assumption regarding the evolution of the geocentric axial dipole component enables estimation of the field intensity back to 1600 AD

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