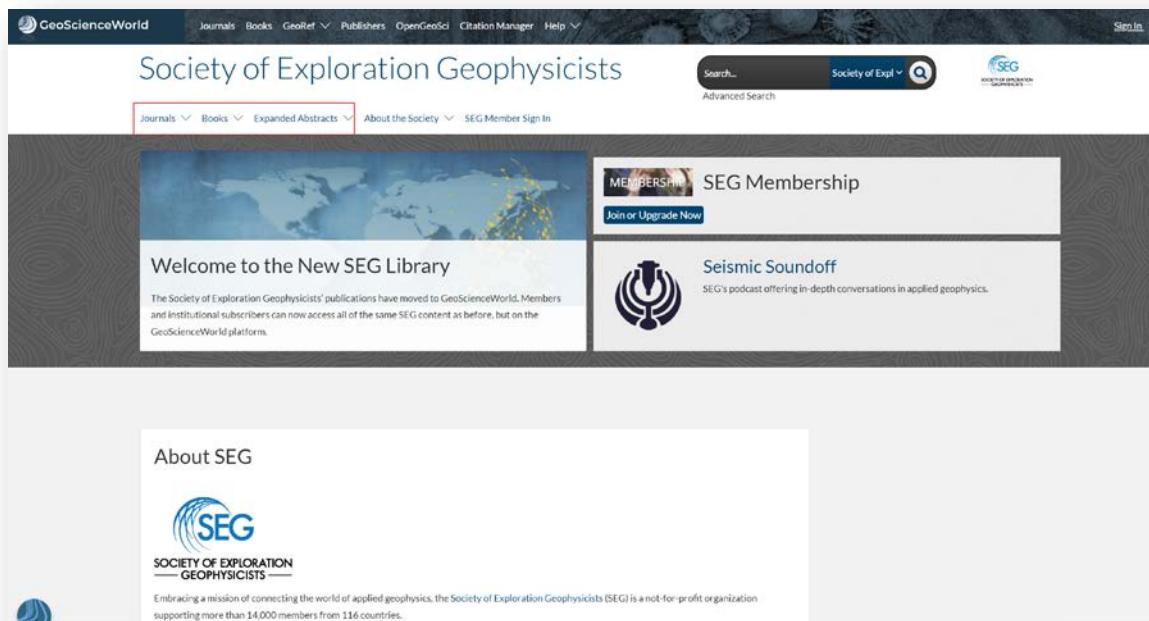


SEG 数据库新平台快速使用指南

1. 登录网址: <https://pubs.geoscienceworld.org/seg>



2. 页面中上部导航栏列出了 SEG 期刊、会议录、电子图书入口。



3. 我们以期刊为例进行说明。点击“Journals”，打开期刊下拉菜单。



The screenshot shows the GeoScienceWorld website with the SEG homepage. The top navigation bar includes links for Journals, Books, GeoRef, Publishers, OpenGeoSci, Citation Manager, and Help. A pink circle highlights the "Journals" link. The main content area features the SEG logo and the title "Society of Exploration Geophysicists". Below this, there are sections for "SEG and the social contribution of applied geophysics" and "SEG Membership". A sidebar on the right contains "SEG Library" and "About SEG" sections.

4. 在展开的列表中选中期刊名称。



This screenshot shows the same website interface as above, but the "Journals" dropdown menu is now open. The "Geophysics" option is highlighted with a pink circle. The rest of the menu includes "Interpretation" and "The Leading Edge". The main content area and sidebar remain the same as in the previous screenshot.

5. 例如，点击 "Geophysics"，打开该期刊的主页。若要查看当前期卷，请点击 "View This Issue"

The screenshot shows the homepage of the Geophysics journal. At the top, there is a navigation bar with links for Journals, Books, GeoRef, Publishers, OpenGeoSci, Citation Manager, and Help. A search bar is located at the top right, with "Geophysics" selected in the dropdown menu. Below the search bar is a "View This Issue" button, which is highlighted with a pink circle. To the left of the main content area, there is a thumbnail image of the journal cover for Volume 90, Number 5, September 2025. The cover features the journal title "GEOPHYSICS" and some abstract text. The main title "Current Issue" and "Volume 90, Number 5, September 2025" are prominently displayed. Below the main title, there is a brief description of the journal's impact factors and citation counts from various databases. The bottom section of the page displays several article thumbnails under the heading "New Online".

6. 目录页面出现绿色对勾时，表示可正常访问。

The screenshot shows the homepage of the Geophysics journal. At the top, there is a navigation bar with links for Journals, Books, GeoRef, Publishers, OpenGeoSci, Citation Manager, and Help. A search bar is located at the top right, with "Geophysics" selected in the dropdown menu. Below the search bar is a "View This Issue" button, which is highlighted with a pink circle. To the left of the main content area, there is a thumbnail image of the journal cover for Volume 90, Number 5, September 2025. The cover features the journal title "GEOPHYSICS" and some abstract text. The main title "Current Issue" and "Volume 90, Number 5, September 2025" are prominently displayed. Below the main title, there is a brief description of the journal's impact factors and citation counts from various databases. The bottom section of the page displays several article thumbnails under the heading "New Online".

7. 选择您想阅读的文章，例如，点击“["Dynamic seismic S-wave anisotropy in vertically fractured rocks: Modeling and field application"](#)”

Archive Content About The Journal About the Society

Issues Select Decade 2020 Select Year 2025 Select Issue September - Volume 90, Number 5 (In Progress)

Volume 90, Number 5
September 2025
In Progress

EDITOR'S CORNER

This issue of GEOPHYSICS

[Abstract](#) [View article](#) [PDF](#) [Add to Citation Manager](#)

GEOPHYSICS LETTERS

[Dynamic seismic S-wave anisotropy in vertically fractured rocks: Modeling and field application](#)

Wen-Hao Wang; Sheng-Qing Li; Chun-Xi Zhuang; Yuan-Da Su; Xiao-Ming Tang

[Abstract](#) [View article](#) [PDF](#) [Add to Citation Manager](#)

CASE HISTORIES

[Delineation of dry and water-bearing underground karst caves using a multicomponent grounded-wire transient electromagnetic method](#)

Nan-Nan Zhou; Zheng-Hu Zhang; Xin-Hao Wei

[Abstract](#) [View article](#) [PDF](#) [Add to Citation Manager](#)

[Reservoir properties estimation before and after hydraulic stimulation using extended elastic full-waveform inversion and distributed acoustic sensing](#)

ISSN: 0018-8033
EISSN: 1942-2156
In this Issue
Editor's corner
GEOPHYSICS Letters
Case Histories
Anisotropy
Borehole Geophysics

Email Alerts
Early publications alert
New issue content alert

RSS Feeds
RSS Feed - Current Issue Only
RSS Feed - Early Publication
Open issues RSS Feed

Latest Most Read M

Science and publication
Static-constrained first-arrival traveltimes tomography for a near-surface velocity estimation
Improving fluid-induced time-lapse monitoring using local orthogonalization

8. 默认视图为分屏视图，在此视图下，您可分别滚动文本、图表与表格。

GeoScienceWorld Journals Books GeoRef Publishers OpenGeoSci Citation Manager Help

Search... Geophys Advanced Search

Geophysics

Archive Content About The Journal About the Society

RESEARCH ARTICLE | AUGUST 13, 2025
[Dynamic seismic S-wave anisotropy in vertically fractured rocks: Modeling and field application](#)

Wen-Hao Wang; Sheng-Qing Li; Chun-Xi Zhuang; Yuan-Da Su; Xiao-Ming Tang
Author and Article Information
Geophysics (2025) 90(5): A31-A35. | <https://doi.org/10.1190/geo2024-0908.1> | Article history

[PDF](#) [Standard View](#) [Tools](#)

ABSTRACT

Due to overburden and tectonic stresses, many deep formation rocks contain vertically oriented fractures, resulting in significant seismic S-wave anisotropy and attenuation, as commonly observed from borehole acoustic anisotropy measurements in deep wells. Understanding the fracture-induced phenomena is of theoretical interest and practical importance. By applying a fracture scattering theory to a fluid-saturated rock containing vertical fractures, we investigate the fracture-induced effects on dynamic S-wave moduli, anisotropy, and attenuation anisotropy in the rock medium. This includes the effects of fracture-background wave-induced fluid flow and

Figure 1.

a) A schematic diagram showing a fractured rock sample with a vertical fracture. It illustrates the propagation of Fast S wave, Slow S wave, and P-wave. A borehole is shown at the top, and a receiver is at the bottom. A pink circle highlights the 'Fast S wave' label.

b) A figure titled 'Figure 1' with four panels (Panel 1, Panel 2, Panel 3, Panel 4). Panel 1 shows a lithologic column with depth (m) from 0 to 1000. Panel 2 shows N-dipole anisotropy (V/H) with depth from 0 to 1000 m. Panel 3 shows Anisotropy azimuth with depth from 0 to 1000 m. Panel 4 shows S-wave imaging (EW) with depth from 0 to 1000 m. A pink circle highlights the 'Fast S wave' label in panel a).

9. 文本位于左侧，图片和表格位于右侧。

Geophysics

RESEARCH ARTICLE | AUGUST 13, 2025
Dynamic seismic S-wave anisotropy in vertically fractured rocks: Modeling and field application

Wen-Hao Wang; Sheng-Qing Li; Chun-Xi Zhuang; Yuan-Da Su; Xiao-Ming Tang
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PDF Standard View Tools

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Figure 3.
 a) Dynamic shear moduli, b) moduli attenuation, c) S-wave anisotropy (%), and d) anisotropy attenuation at different fracture densities with a fixed fracture diameter of 0.3 m.

10. 中间是工具栏，可在此处选择 PDF 格式（文件）、或将视图切换为标准视图，以及选择其他工具。

Geophysics

RESEARCH ARTICLE | AUGUST 13, 2025
Dynamic seismic S-wave anisotropy in vertically fractured rocks: Modeling and field application

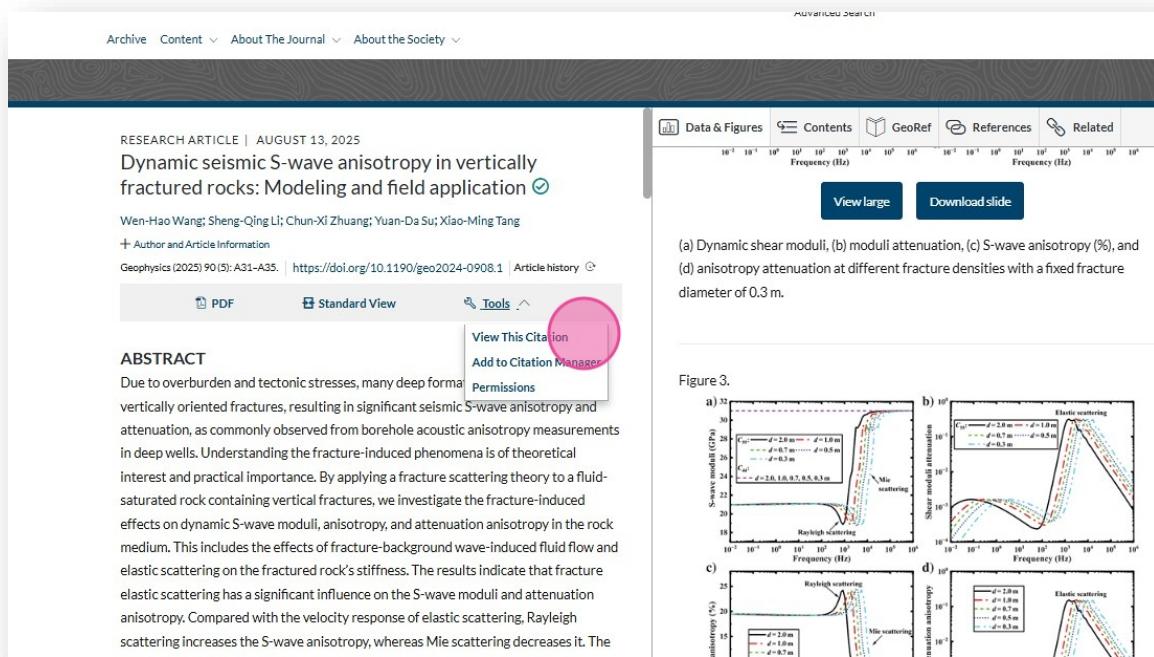
Wen-Hao Wang; Sheng-Qing Li; Chun-Xi Zhuang; Yuan-Da Su; Xiao-Ming Tang
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PDF Standard View Tools

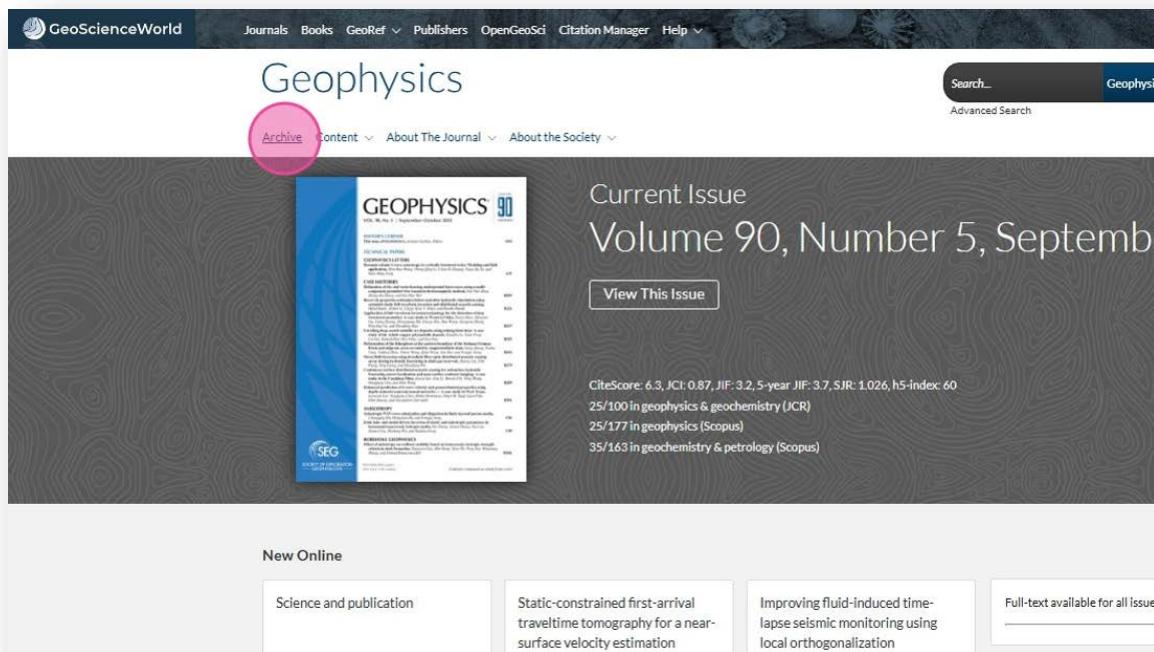
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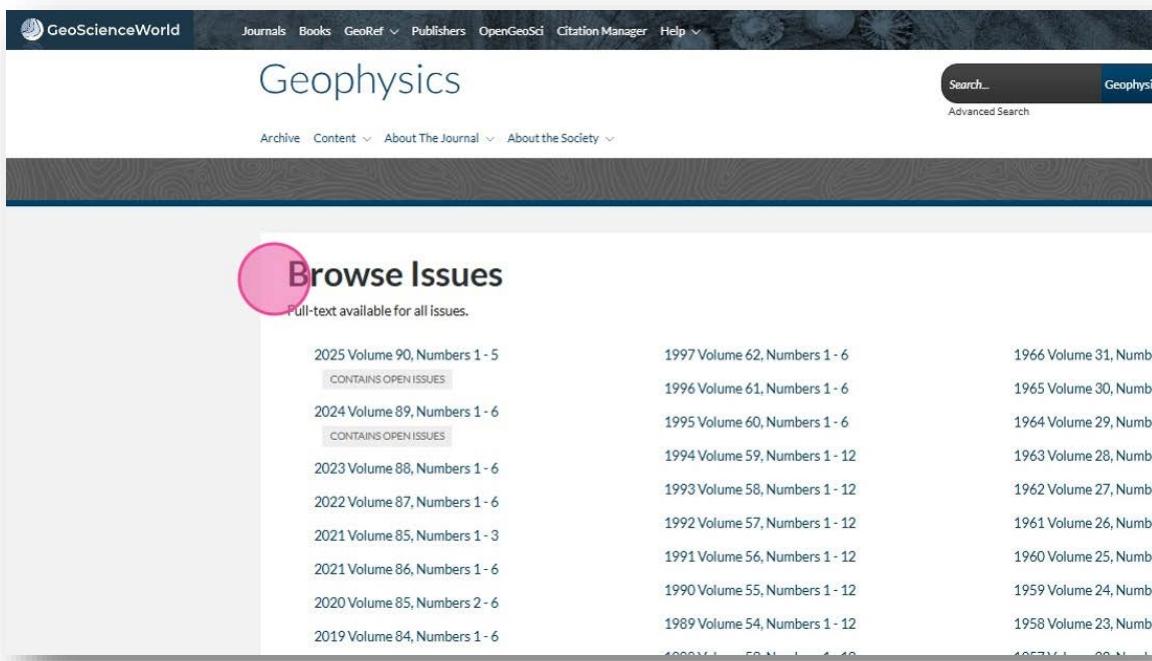
11. 点击 "Tools" 查看其他功能，例如，查看引用情况 "View This Citation".



12. 回到期刊主页，左上角点击"Archive" 查阅期刊历史卷期。



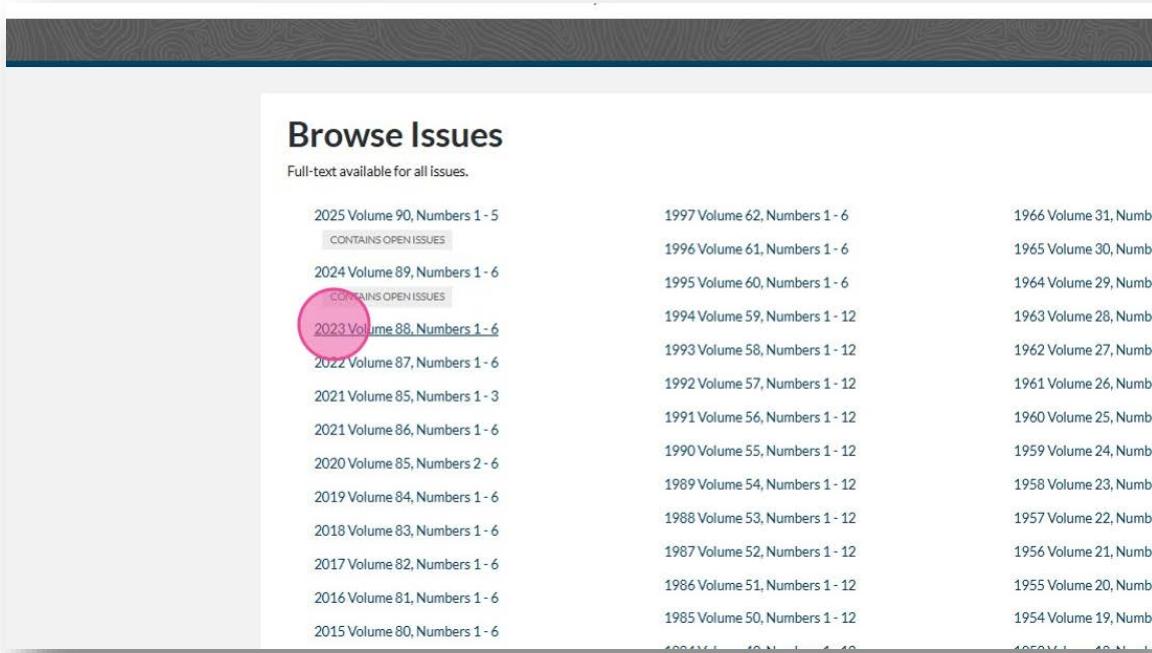
13. 在 "Browse Issues" 页面选择年份或卷期。



The screenshot shows the 'Geophysics' journal's 'Browse Issues' page. At the top, there is a navigation bar with links for Journals, Books, GeoRef, Publishers, OpenGeoSci, Citation Manager, Help, Search, and Advanced Search. Below the navigation bar, the journal title 'Geophysics' is displayed. Underneath the title, there are links for Archive, Content, About The Journal, and About the Society. The main content area is titled 'Browse Issues' and features a pink circular callout pointing to the '2023 Volume 88, Numbers 1 - 6' entry in the list of available issues. The list includes entries for various years from 1989 to 2025, with some volumes containing open issues.

Volume	Years	Notes
2025	Volume 90, Numbers 1 - 5	CONTAINS OPEN ISSUES
2024	Volume 89, Numbers 1 - 6	CONTAINS OPEN ISSUES
2023	Volume 88, Numbers 1 - 6	
2022	Volume 87, Numbers 1 - 6	
2021	Volume 85, Numbers 1 - 3	
2021	Volume 86, Numbers 1 - 6	
2020	Volume 85, Numbers 2 - 6	
2019	Volume 84, Numbers 1 - 6	
1997	Volume 62, Numbers 1 - 6	
1996	Volume 61, Numbers 1 - 6	
1995	Volume 60, Numbers 1 - 6	
1994	Volume 59, Numbers 1 - 12	
1993	Volume 58, Numbers 1 - 12	
1992	Volume 57, Numbers 1 - 12	
1991	Volume 56, Numbers 1 - 12	
1990	Volume 55, Numbers 1 - 12	
1989	Volume 54, Numbers 1 - 12	
1988	Volume 53, Numbers 1 - 12	
1987	Volume 52, Numbers 1 - 12	
1986	Volume 51, Numbers 1 - 12	
1985	Volume 50, Numbers 1 - 12	
1984	Volume 49, Numbers 1 - 12	
1983	Volume 48, Numbers 1 - 12	
1982	Volume 47, Numbers 1 - 12	
1981	Volume 46, Numbers 1 - 12	
1980	Volume 45, Numbers 1 - 12	
1979	Volume 44, Numbers 1 - 12	
1978	Volume 43, Numbers 1 - 12	
1977	Volume 42, Numbers 1 - 12	
1976	Volume 41, Numbers 1 - 12	
1975	Volume 40, Numbers 1 - 12	
1974	Volume 39, Numbers 1 - 12	
1973	Volume 38, Numbers 1 - 12	
1972	Volume 37, Numbers 1 - 12	
1971	Volume 36, Numbers 1 - 12	
1970	Volume 35, Numbers 1 - 12	
1969	Volume 34, Numbers 1 - 12	
1968	Volume 33, Numbers 1 - 12	
1967	Volume 32, Numbers 1 - 12	
1966	Volume 31, Numbers 1 - 12	
1965	Volume 30, Numbers 1 - 12	
1964	Volume 29, Numbers 1 - 12	
1963	Volume 28, Numbers 1 - 12	
1962	Volume 27, Numbers 1 - 12	
1961	Volume 26, Numbers 1 - 12	
1960	Volume 25, Numbers 1 - 12	
1959	Volume 24, Numbers 1 - 12	
1958	Volume 23, Numbers 1 - 12	
1957	Volume 22, Numbers 1 - 12	
1956	Volume 21, Numbers 1 - 12	
1955	Volume 20, Numbers 1 - 12	
1954	Volume 19, Numbers 1 - 12	
1953	Volume 18, Numbers 1 - 12	
1952	Volume 17, Numbers 1 - 12	
1951	Volume 16, Numbers 1 - 12	
1950	Volume 15, Numbers 1 - 12	
1949	Volume 14, Numbers 1 - 12	
1948	Volume 13, Numbers 1 - 12	
1947	Volume 12, Numbers 1 - 12	
1946	Volume 11, Numbers 1 - 12	
1945	Volume 10, Numbers 1 - 12	
1944	Volume 9, Numbers 1 - 12	
1943	Volume 8, Numbers 1 - 12	
1942	Volume 7, Numbers 1 - 12	
1941	Volume 6, Numbers 1 - 12	
1940	Volume 5, Numbers 1 - 12	
1939	Volume 4, Numbers 1 - 12	
1938	Volume 3, Numbers 1 - 12	
1937	Volume 2, Numbers 1 - 12	
1936	Volume 1, Numbers 1 - 12	

14. 例如查阅 Volume 88。点击 "2023 Volume 88, Numbers 1 - 6"



The screenshot shows the 'Geophysics' journal's 'Browse Issues' page, similar to the previous one but with a pink circle highlighting the '2023 Volume 88, Numbers 1 - 6' entry in the list of available issues. The list includes entries for various years from 1989 to 2025, with some volumes containing open issues.

Volume	Years	Notes
2025	Volume 90, Numbers 1 - 5	CONTAINS OPEN ISSUES
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2023	Volume 88, Numbers 1 - 6	
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2021	Volume 85, Numbers 1 - 3	
2021	Volume 86, Numbers 1 - 6	
2020	Volume 85, Numbers 2 - 6	
2019	Volume 84, Numbers 1 - 6	
1997	Volume 62, Numbers 1 - 6	
1996	Volume 61, Numbers 1 - 6	
1995	Volume 60, Numbers 1 - 6	
1994	Volume 59, Numbers 1 - 12	
1993	Volume 58, Numbers 1 - 12	
1992	Volume 57, Numbers 1 - 12	
1991	Volume 56, Numbers 1 - 12	
1990	Volume 55, Numbers 1 - 12	
1989	Volume 54, Numbers 1 - 12	
1988	Volume 53, Numbers 1 - 12	
1987	Volume 52, Numbers 1 - 12	
1986	Volume 51, Numbers 1 - 12	
1985	Volume 50, Numbers 1 - 12	
1984	Volume 49, Numbers 1 - 12	
1983	Volume 48, Numbers 1 - 12	
1982	Volume 47, Numbers 1 - 12	
1981	Volume 46, Numbers 1 - 12	
1980	Volume 45, Numbers 1 - 12	
1979	Volume 44, Numbers 1 - 12	
1978	Volume 43, Numbers 1 - 12	
1977	Volume 42, Numbers 1 - 12	
1976	Volume 41, Numbers 1 - 12	
1975	Volume 40, Numbers 1 - 12	
1974	Volume 39, Numbers 1 - 12	
1973	Volume 38, Numbers 1 - 12	
1972	Volume 37, Numbers 1 - 12	
1971	Volume 36, Numbers 1 - 12	
1970	Volume 35, Numbers 1 - 12	
1969	Volume 34, Numbers 1 - 12	
1968	Volume 33, Numbers 1 - 12	
1967	Volume 32, Numbers 1 - 12	
1966	Volume 31, Numbers 1 - 12	
1965	Volume 30, Numbers 1 - 12	
1964	Volume 29, Numbers 1 - 12	
1963	Volume 28, Numbers 1 - 12	
1962	Volume 27, Numbers 1 - 12	
1961	Volume 26, Numbers 1 - 12	
1960	Volume 25, Numbers 1 - 12	
1959	Volume 24, Numbers 1 - 12	
1958	Volume 23, Numbers 1 - 12	
1957	Volume 22, Numbers 1 - 12	
1956	Volume 21, Numbers 1 - 12	
1955	Volume 20, Numbers 1 - 12	
1954	Volume 19, Numbers 1 - 12	
1953	Volume 18, Numbers 1 - 12	
1952	Volume 17, Numbers 1 - 12	
1951	Volume 16, Numbers 1 - 12	
1950	Volume 15, Numbers 1 - 12	
1949	Volume 14, Numbers 1 - 12	
1948	Volume 13, Numbers 1 - 12	
1947	Volume 12, Numbers 1 - 12	
1946	Volume 11, Numbers 1 - 12	
1945	Volume 10, Numbers 1 - 12	
1944	Volume 9, Numbers 1 - 12	
1943	Volume 8, Numbers 1 - 12	
1942	Volume 7, Numbers 1 - 12	
1941	Volume 6, Numbers 1 - 12	
1940	Volume 5, Numbers 1 - 12	
1939	Volume 4, Numbers 1 - 12	
1938	Volume 3, Numbers 1 - 12	
1937	Volume 2, Numbers 1 - 12	
1936	Volume 1, Numbers 1 - 12	

15. 选择后，您将看到该卷（内容）下的期号列表。

The screenshot shows the 'Geophysics' journal website. At the top, there is a search bar with 'Search...' and 'Geophysics' placeholder text, along with a 'Advanced Search' link. Below the header, a navigation bar includes links for 'Archive', 'Content', 'About The Journal', and 'About the Society'. The main content area is titled 'Browse Issues' and contains the text 'Full-text available for all issues.' followed by a list of journal issues: 'Volume 88, Number 1', 'Volume 88, Number 2', 'Volume 88, Number 3', 'Volume 88, Number 4', 'Volume 88, Number 5', and 'Volume 88, Number 6'. A pink circle highlights the link 'Volume 88, Number 2'. At the bottom of the page, there is a dark blue footer bar with 'Archive' and 'Early Publication' links.

16. 点击想要查阅的期数，例如 "Volume 88, Number 2"

This screenshot is identical to the one above, showing the 'Browse Issues' page for 'Volume 88'. The list of issues includes 'Volume 88, Number 1', 'Volume 88, Number 2', 'Volume 88, Number 3', 'Volume 88, Number 4', 'Volume 88, Number 5', and 'Volume 88, Number 6'. The link 'Volume 88, Number 2' is circled in pink. The rest of the page structure, including the header, footer, and navigation bar, is also identical to the first screenshot.

17. 在"Volume 88, Number 2"页面，选择您想阅读的文章。

The screenshot shows the Geophysics journal website interface. At the top, there is a navigation bar with links for Publishers, OpenGeoSci, Citation Manager, Help, and GSW Test Institution. The main header features the SICS logo and a search bar labeled "Search...". Below the search bar, there is a dropdown menu set to "Geophysics" with a magnifying glass icon. A "Advanced Search" link is also present. To the right of the search area is the SEG logo.

In the center, there are three dropdown menus: "Select Decade" (set to 2020), "Select Year" (set to 2023), and "Select Issue" (set to March - Volume 88, Number 2). Below these menus, the page number "2" is displayed, followed by the heading "EDITOR'S CORNER".

The main content area displays two articles under the "GEOPHYSICS LETTERS" section:

- Temperature-dependent modal analysis of the InSight lander on Mars** (Lei Zhang, Fei Gao, Zai Liu, Peng Cao, Jinhai Zhang)
Abstract View article Supplementary data PDF Add to Citation Manager
- Merging gated frequency-modulated continuous-wave Mars2020 RIMFAX ground-penetrating radar data** (Giacomo Roncoroni, Emanuele Forte, Michele Pipan)
Abstract View article Supplementary data PDF Add to Citation Manager

On the right side of the page, there are two sidebar sections: "Email Alerts" and "RSS Feeds".

Email Alerts includes links for "Early publications alert" and "New issue content alert".

RSS Feeds includes links for "RSS Feed - Current Issue Only", "RSS Feed - Early Publication", and "Open Issues RSS Feed".

Below the sidebar, there is a horizontal navigation bar with three tabs: "Latest" (selected), "Most Read", and "Most Cited". Underneath these tabs, there are two additional links: "Science and publication" and "Static-constrained first-arrival traveltime".