



Welcome to Issue 23 of the Geological Society Library's bi-monthly newsletter.

We are delighted to announce the launch of a brand new website showcasing the Dan McKenzie archive and celebrating 50 years since the discovery of plate tectonics!

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We hope you find this newsletter informative and useful. Do get in touch and let us know what you think.

Best wishes,

The Library Team

#### Quick Links

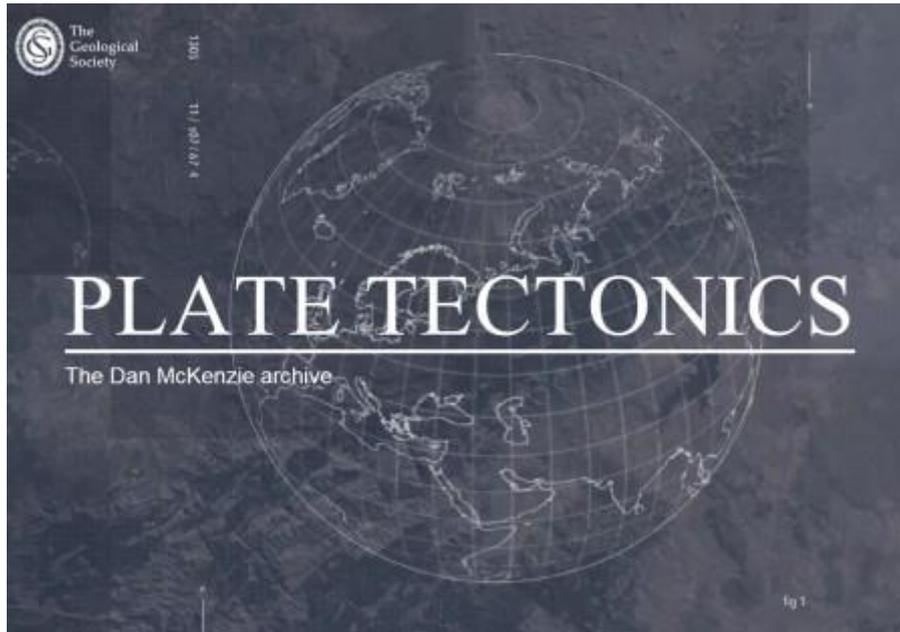
[VIRTUAL LIBRARY](#)

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## Plate Tectonics: The Dan McKenzie archive

The Geological Society Library is delighted to announce the launch of a new website, [Plate Tectonics: The Dan McKenzie archive](#).

Professor Dan McKenzie was central to formulating the ideas that led to the theory of plate tectonics which, in 1967, represented a paradigm shift in what is now referred to as Earth science. The Library is privileged to have been donated Professor McKenzie's archive of notes, papers and correspondence relating to his long career, including his early work on plate tectonics and mantle convection.

Through storytelling, and illustrated by the papers and photographs McKenzie kept throughout his career as well as recorded interviews, the [new website](#) acknowledges his unique contribution in the most important discovery in the Earth sciences of the 20th century, documents his interactions with many collaborators and co-workers and includes work which continues today.

[Visit Plate Tectonics: The Dan McKenzie archive](#)

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## Search our new Archive catalogue

The papers of Dan McKenzie are included in the Library's brand new [archive catalogue](#), which allows you to view all of the holdings from the Society's Archive collections for the first time.

The Archive collections date from the Society's foundation in 1807 through to the present day, with particularly strong holdings for the 19th and early 20th centuries. You can search the catalogue to find descriptions of over 20,000 items: letters,



diaries, field books, drawings, prints, portraits, reports and annotated or manuscript maps, as well as the historical records created by the Society in the course of its activities.

## VISIT THE ARCHIVE

[Collection highlights](#) include the papers of renowned geologists William Buckland, Adam Sedgwick, John MacCulloch and Etheldred Benett. If you would like to consult any items from the archive please [contact the Archivist](#).

[Visit the Archive catalogue](#)  
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## VISIT THE LIBRARY

*Image: Dan McKenzie whilst an undergraduate at Cambridge University, c. 1960-1962*

### **New exhibition - 50 Years of Plate Tectonics**

To coincide with the conference *Plate Tectonics at 50* and the launch of *Plate Tectonics: The Dan McKenzie archive* website, a special exhibition showcasing items from the archive is on display at the Geological Society until December 2017.

*50 Years of Plate Tectonics* concentrates on McKenzie's early work in plate tectonics and includes a selection of his research notes, papers and letters. If you have a smartphone you can also listen to excerpts from interviews with McKenzie about various aspects of his life and career.

The exhibition runs from 3 October until the end of December at the Geological Society, Burlington House, Piccadilly, London W1J 0BG.

[Visit the Library](#)  
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## Plate Tectonics resources from the Library

Want to find out more about the history of plate tectonics?

The Library has gathered together a number of books on the subject in a [new reading list](#) on the Library catalogue. All items can be consulted in the Library or borrowed by Fellows and Corporate Affiliate members, in person or by post.

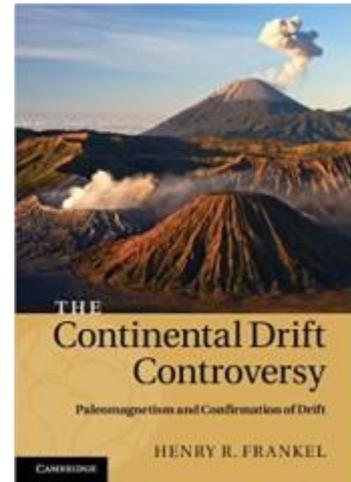
Fellows also have free access to e-journals such as [Tectonics](#), [Tectonophysics](#), [Island Arc](#) and [Journal of Structural Geology](#) using Athens Logins.

If you've not yet signed up for an Athens Account, please fill in the online [registration form](#).

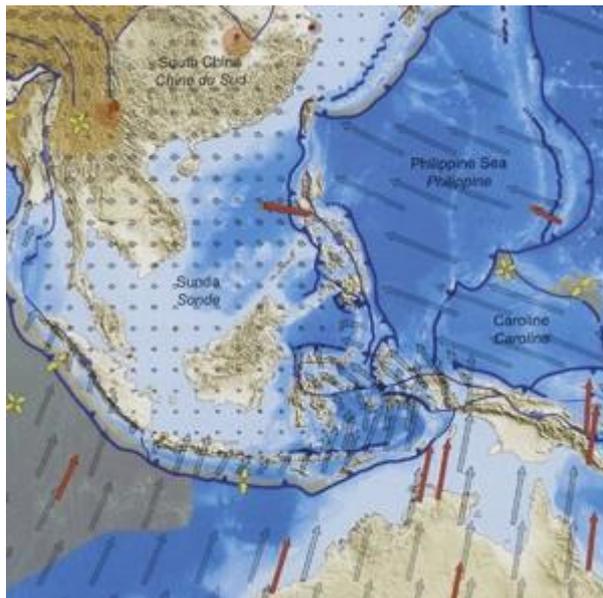
[See 'What's New' in the collection](#)

[Contact us](#)

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[VIEW READING LIST](#)



[VIEW THE MAP RECORD](#)

## From the Map Room - Plate Tectonics from Space

The Library has acquired the 2006 Commission for the Geological Map of the World sheet [Plate Tectonics from Space](#), which shows the current plate tectonics framework in the light of accumulated satellite measurements of displacements on the Earth's surface.

This map demonstrates simply and quickly the plate boundary types as well as strain axes, and the magnitude and direction that all the plates are moving with reference to the Eurasian Plate.

The map can be consulted in the Library or is available for loan to Fellows and Corporate Affiliate members (in person or by post).

[Contact the Map Librarian for more information](#)

[Find out more about the Map Room](#)

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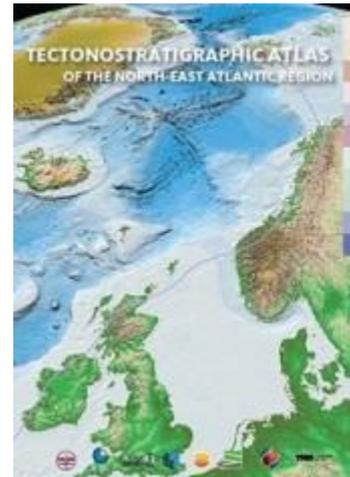
## Open Access papers - NAG-TEC Tectonostratigraphic Atlas

The Library has recently purchased the [Tectonostratigraphic Atlas of the North-East Atlantic Region](#), which can be consulted in the Library. Resulting from a collaboration between seven European geological surveys, it presents a comprehensive overview of the geophysical and geological information available in the North Atlantic region.

Some of the key findings and analysis based on the Atlas are included in forthcoming Geological Society Special Publication 447, *The NE Atlantic Region: A Reappraisal of Crustal Structure, Tectonostratigraphy and Magmatic Evolution*.

[18 Open Access papers from the volume are now available to view online on the Lyell Collection](#)

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[VIEW OPEN ACCESS PAPERS](#)

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## Offprints

The Library has a number of unlisted offprints to sell which are available to browse in the Library. New offprints will be added regularly throughout the year.

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