

#SciComm via the European Geoscience Union Divisions' blogs: experiences from the editorial teams.

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Luke Barnard and the <u>Divisions' Blog Teams</u>.

The Blogs

Cryospheric Sciences

Cryospheric Sciences

Hydrological Sciences

Hydrological Sciences

Nonlinear Processes in Geosciences

Nonlinear Processes in Geosciences

Tectonics and Structural Geology

There are more Division blogs not included in this display, find them all here.

Post Style Fantasy

- **✓** Interviews
- ✓ Image of the week, Picture your Research
- √ 'for dummies', Geodynamics 101
- ✓ Features from the field, Travel Log
- ✓ Geology in the city, Remarkable Regions
- **✓** Beyond Tectonics, Peculiar Planets
- **✓** IPPC Special Report Summary
- ✓ Conferences, workshop Summaries
- ✓ EGU ECS, Career Advices
- ✓ Recent paper discussion, New methods, Paper of the month
- ✓ Wit & Wisdom
- ✓ Ask the Sassy Scientist
- **✓** Editorials, Opinions

Blogs' Engagement

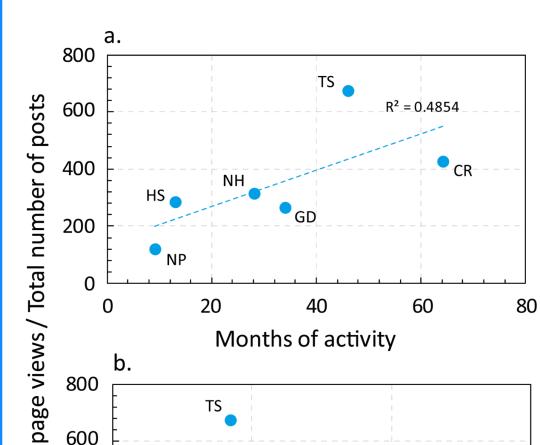
- →Posts explaining a concept, a process or a feature or describing a location or event in that location are generally well received, more easily found through keywords and bring readers in the long term.
- → Reports spike **one-time** readers.
- →Interviews are more time consuming to prepare and result in variable engagement.
- →General **low engagement** in terms of readers **commenting** or providing direct **feedback**.

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Statistically Speaking

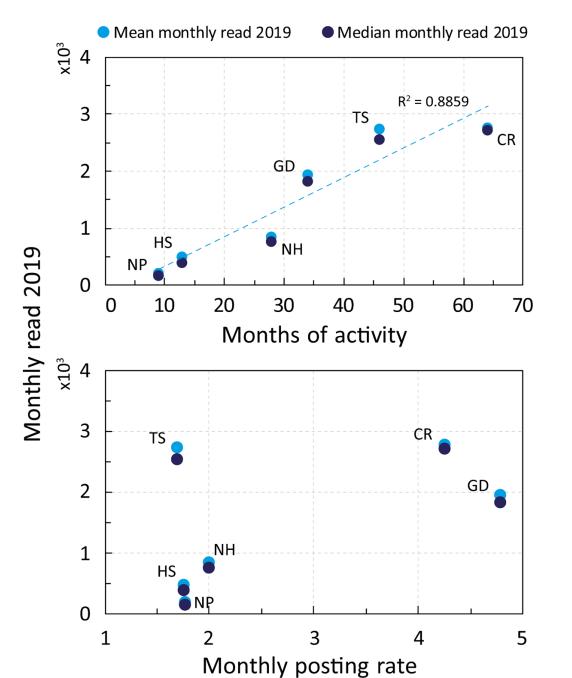
Blog audience increase with time.*

It seems that a constant presence over time contributes to the growth of the readers.



Monthly posting rate

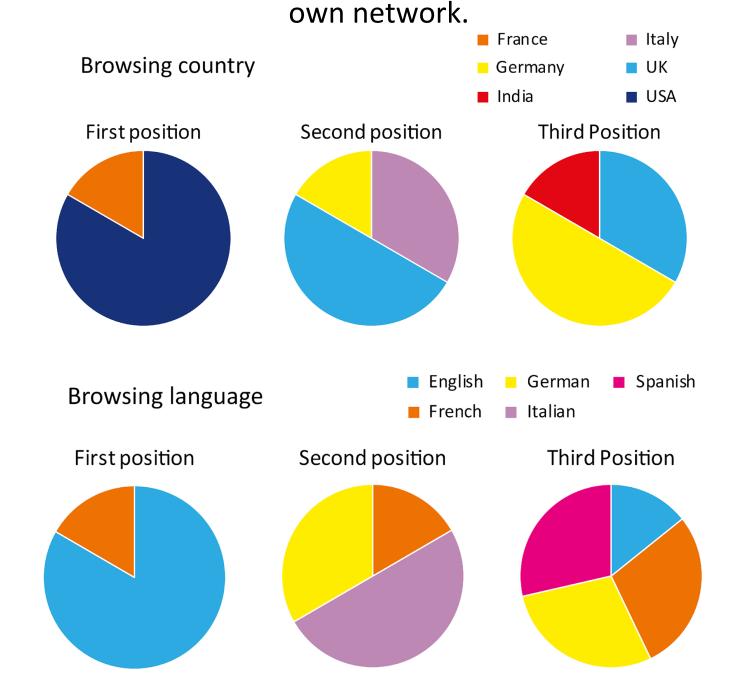
200



English speakers are most of the audience.*

The blogs are all written in English; however, we recognize a sensible attraction of readers from the respective authors' native languages, possibly due to enhanced interaction with

*Data collected by Piwik

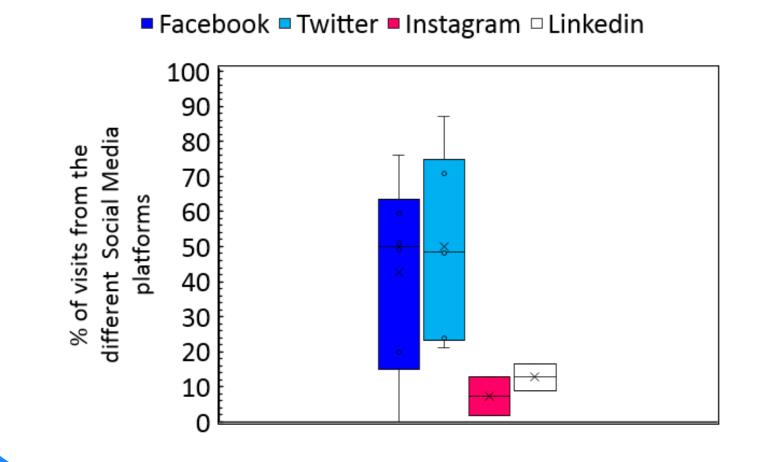


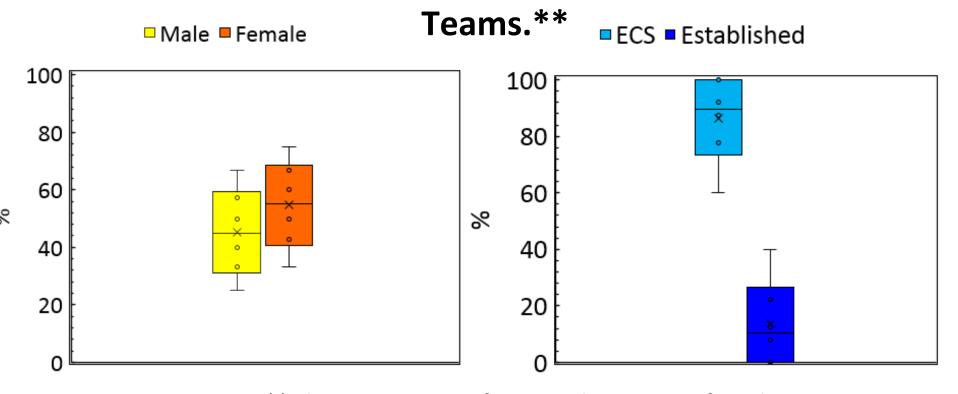
Social media brings about $\frac{1}{5}$ of the visitors.*

Advertising blog posts on different **Social Media** channels brings in average 21 ± 6.7% of the total visits. **Search Engines**, via keywords, and **Direct Entry** account for most of the visits (>70%).

Comparing the different Social Media channels, most of these visits come from Twitter and Facebook

→ where Divisions have official accounts.

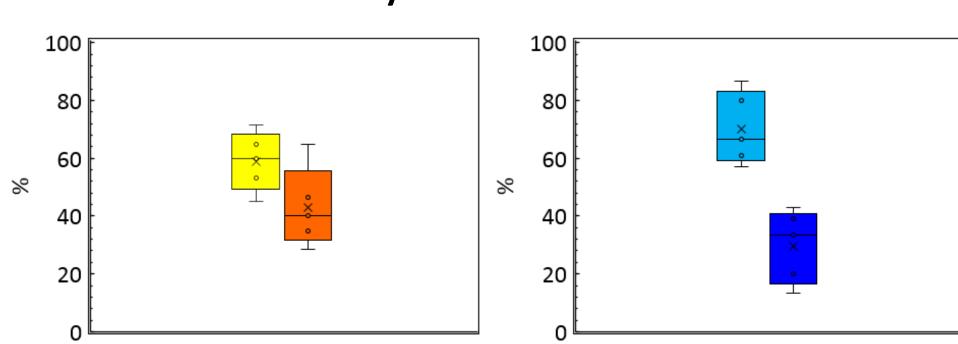




The variety of our

** The Sassy Scientist from Geodynamics preferred not to answer.

The variety of our Guest Contributors.



Successful Stories

- ✓ CR: Where do people stay in the "coolest" place on earth?
 - 4728 unique views, online since Aug 2016.
- ✓ **GD:** The Rainbow Colour Map (repeatedly) considered harmful.
 - 3653 unique views, online since Aug 2017.
- ✓ HS: When the students are gone: Transition to online teaching.
 - 1090 unique views, online since March 2020.
- ✓ NH: Earthquake-induced landslides and the 'strange' case of the Hokkaido earthquake.
 1371 unique views, online since Oct 2018.
- ✓ NP: Abrupt Warming could bring our planet a "Hothouse Earth" with catastrophic consequences for our economy and society. 189 unique views, online since Sept 2019. Winner of 2019 EGU Best Blog Post by public vote.
- ✓ TS: Features from the field: Soft Sediment Structures.

2022 unique views, online since Oct 2016. Nominee at the 2016 EGU Best Blog Post.

Conclusive Thoughts

- → Science communication is a vital aspect of research life. Reducing the gap between science and the public and between different scientific disciplines is important for more inclusive and open science.
- → The EGU Division Blogs offer a great chance for support, and collaborative blogging allows networking and a larger variety of themes, styles and contributions.
- → Most of the blog editorial work, advertisement and contribution is based on volunteer Early Career Scientists. Thanks to their service the EGU Division Blogs' reach is steadily increasing, making geosciences more visible.
- → We advocate for more recognition of science communication in the scientific community for such activity.

Curious?

Do not hesitate to contact us for more information on how to be a guest or regular contributor!