

GEBCO Digital Atlas Manager's Report

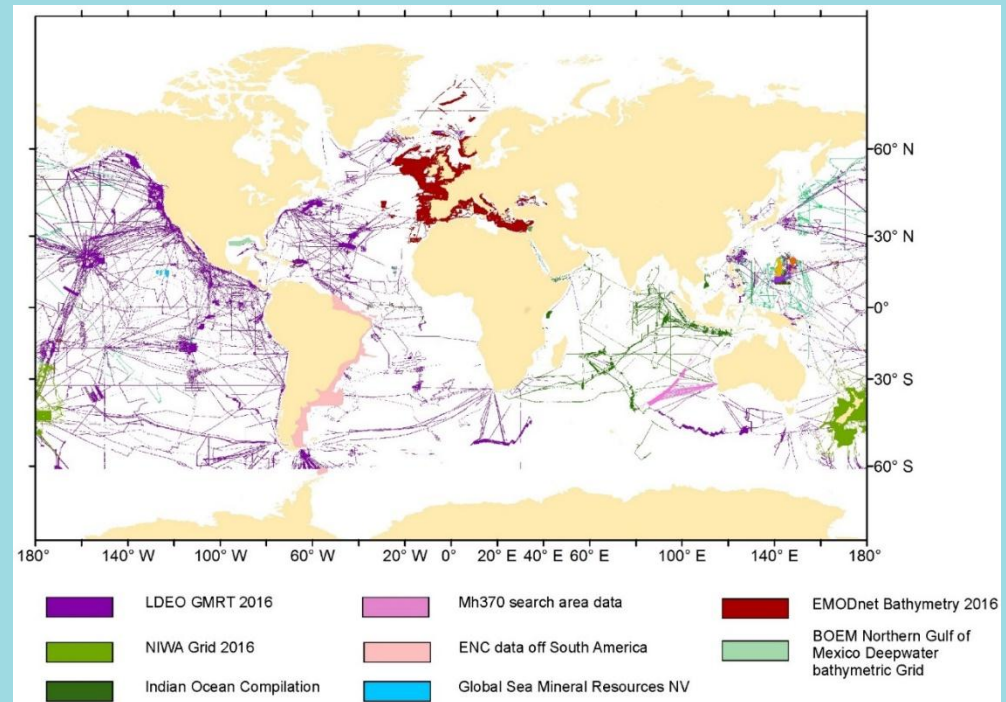
Pauline Weatherall, BODC, NOC, Liverpool, UK

GGC34, Busan, Republic of Korea, November 2017

Work carried out since GGC33

Updating the GEBCO global 30 arc-second grid

- Grid size: 30 arc-second
- Uses GEBCO_2014 as a base with new data sets included on top
- 16 new regional/compilation data sets included
- Aim for release late 2018



Work carried out since GGC33

- Maintenance of GEBCO's web site (www.gebco.net)
 - New sections added
 - Acknowledgements sections
 - Link to historical GEBCO maps page at IHO web site
 - Added 14 news items
 - 18 posts to GEBCO's Facebook page
- Launch Seabed 2030 sub-web page: <http://seabed2030.gebco.net>

Data and web site access statistics

- Downloads of GEBCO's gridded data sets
- Access to Web Map Services (WMS)
- Access to GEBCO's web site and Facebook page

Downloads of GEBCO's gridded data sets

GEBCO's grids can be downloaded as complete global grid file (1.2 Gbyte zip file) or for user-defined geographic areas.

Since October 2016 to 30th September 2017 there have been **29,150** downloads of GEBCO's gridded data sets.

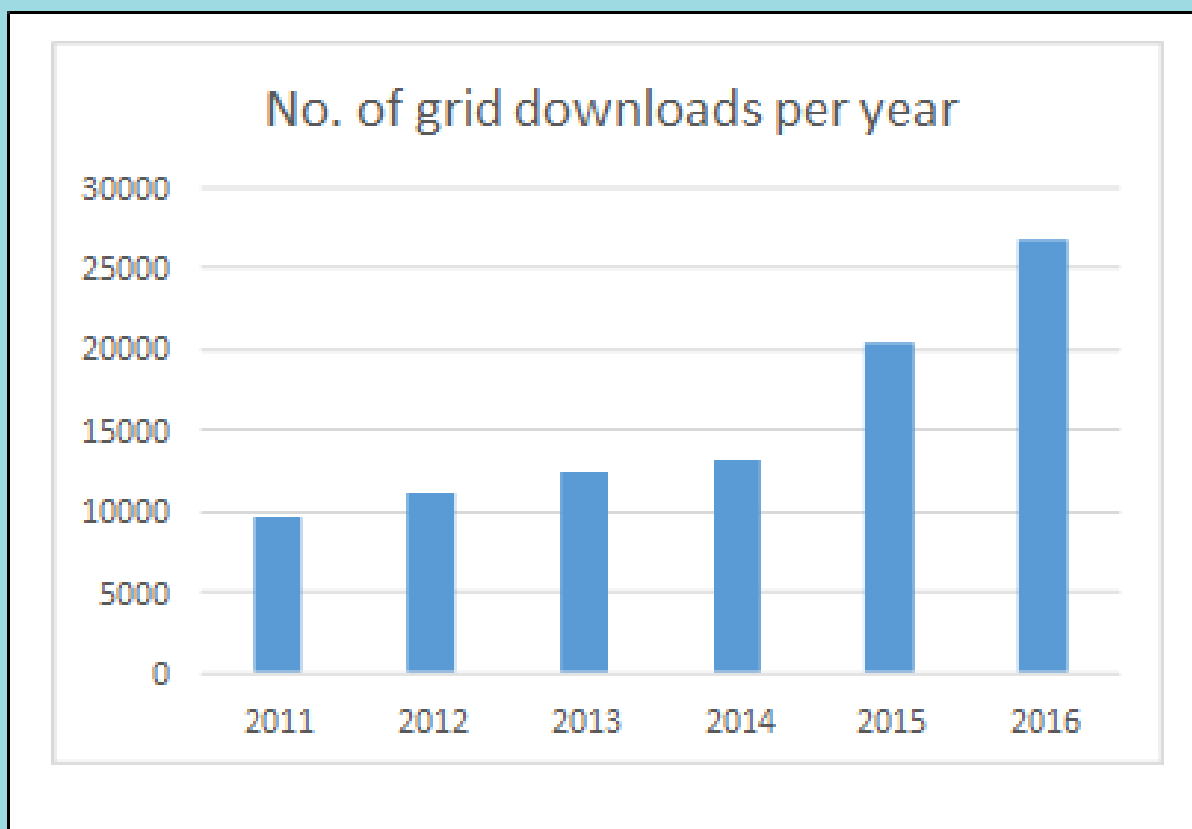
Split by grid type:

- GEBCO_2014 Grid: **22,770**
- GEBCO_2014 Source Identifier (SID) Grid: **3,787**
- GEBCO One Minute Grid: **2,593**

https://www.gebco.net/data_and_products/gridded_bathymetry_data/

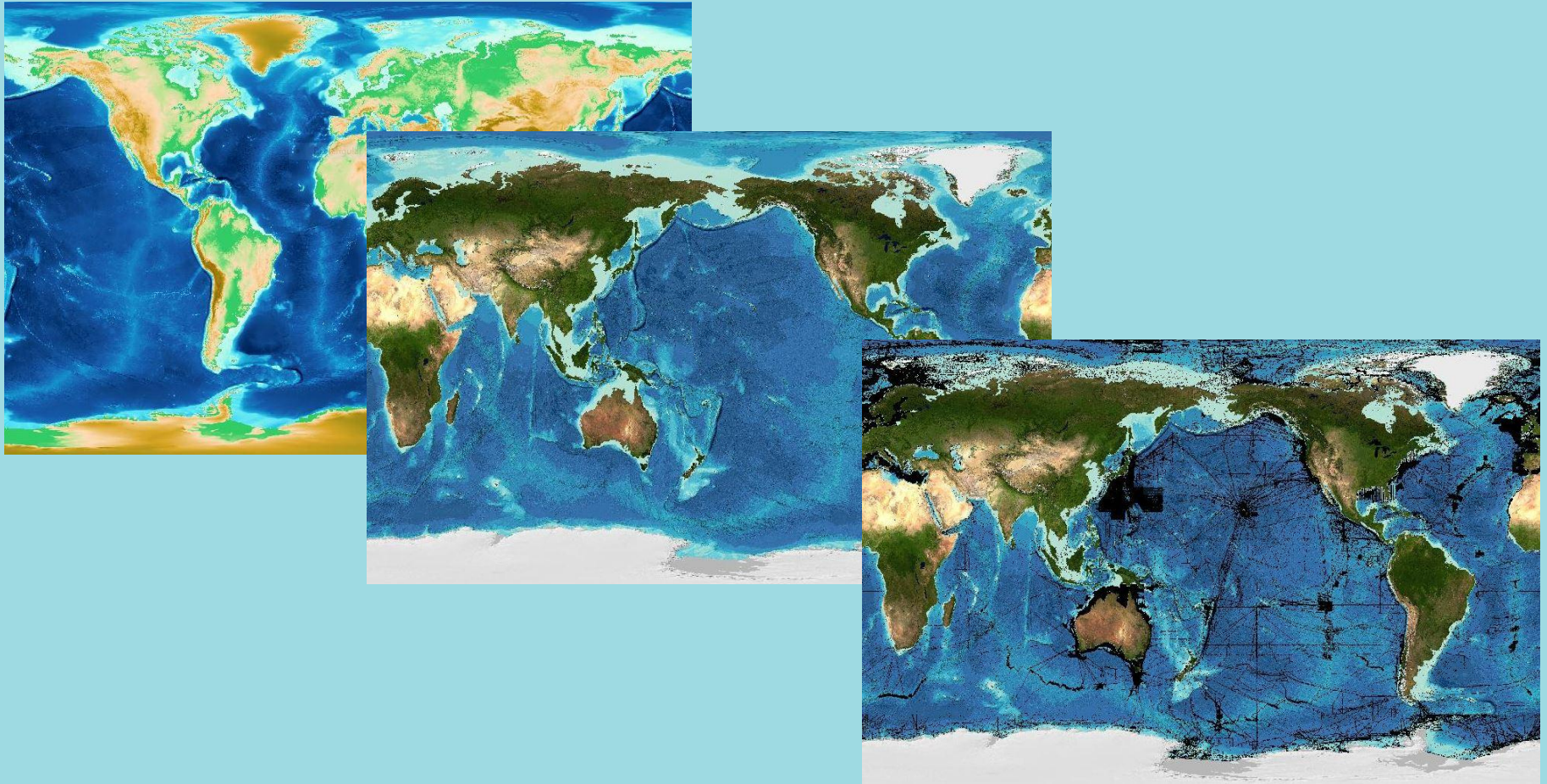
Downloads of GEBCO's gridded data sets

The graph below shows the number of downloads of the GEBCO's gridded data sets per year.



Access to GEBCO's Web Map Services

The GEBCO_2014 Grid and SID Grid are available as WMS.



Access to GEBCO's Web Map Services

The WMS supports:

- access of geo-referenced map images, based on GEBCO's grids, over the internet in geographic and polar stereographic projections
- GetFeatureInfo requests allowing access to depth data from the GEBCO grid and data source information from the SID grid (geographic projection)

Year	Number of Requests to the WMS
2017 (to 1 st October)	3,914,300
2016	3,987,500
2015	2,375,100

Distribution of the GEBCO Digital Atlas

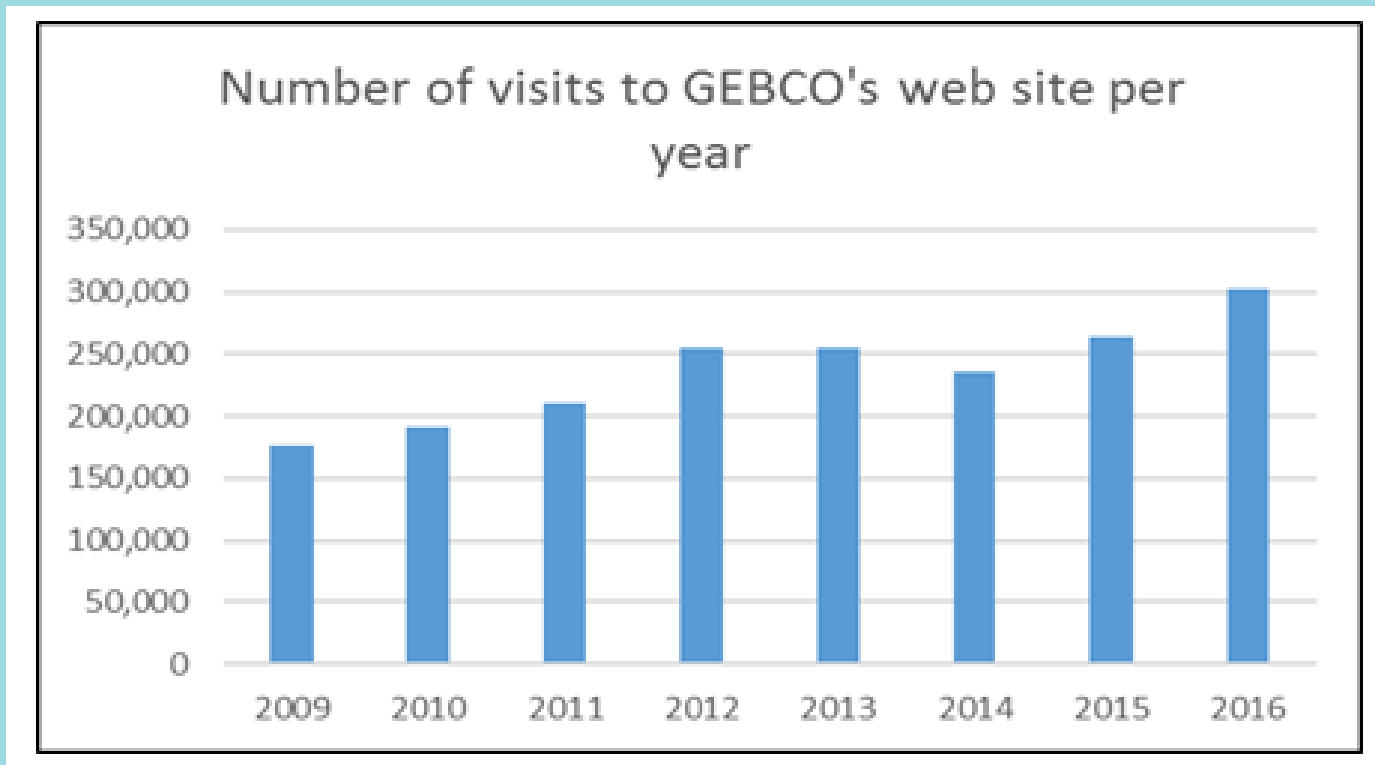
- During 2016, 15 copies of the GDA were distributed.
- Royalties owed to GEBCO from the sale of the GDA for 2016 amounted to £1,740.

Year	Amount
2003	£10,222
2004	£9,053
2005	£8,474
2006	£12,433
2007	£8,754
2008	£8,216
2009	£11,580
2010	£5,720
2011	£3,174
2012	£3,900
2013	£5,617
2014	£2,867
2015	£960
2016	£1,740

Access to GEBCO's web site (www.gebco.net)

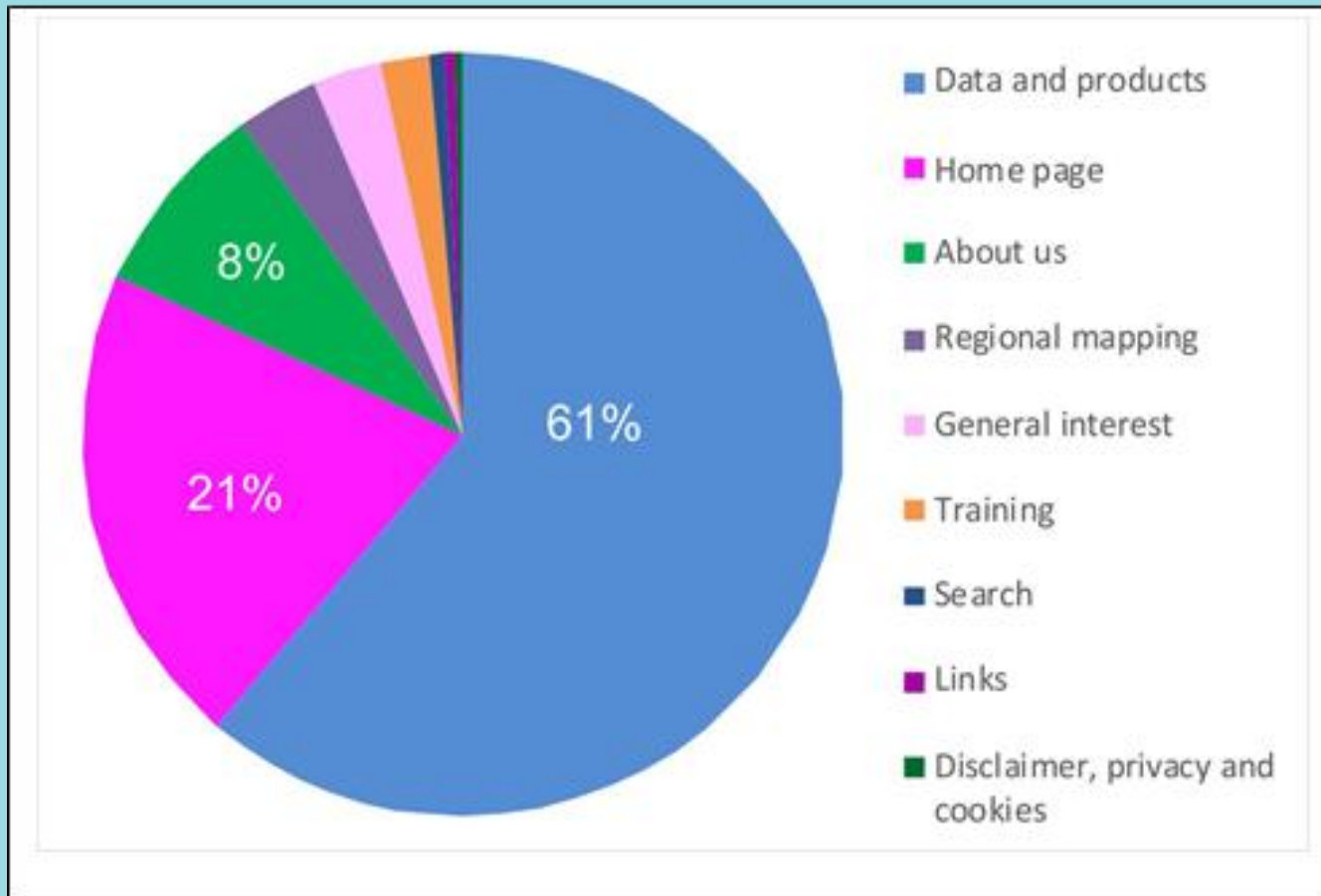
For the period: 1st October 2016 to 30th September 2017

296,100 web pages accessed on www.gebco.net



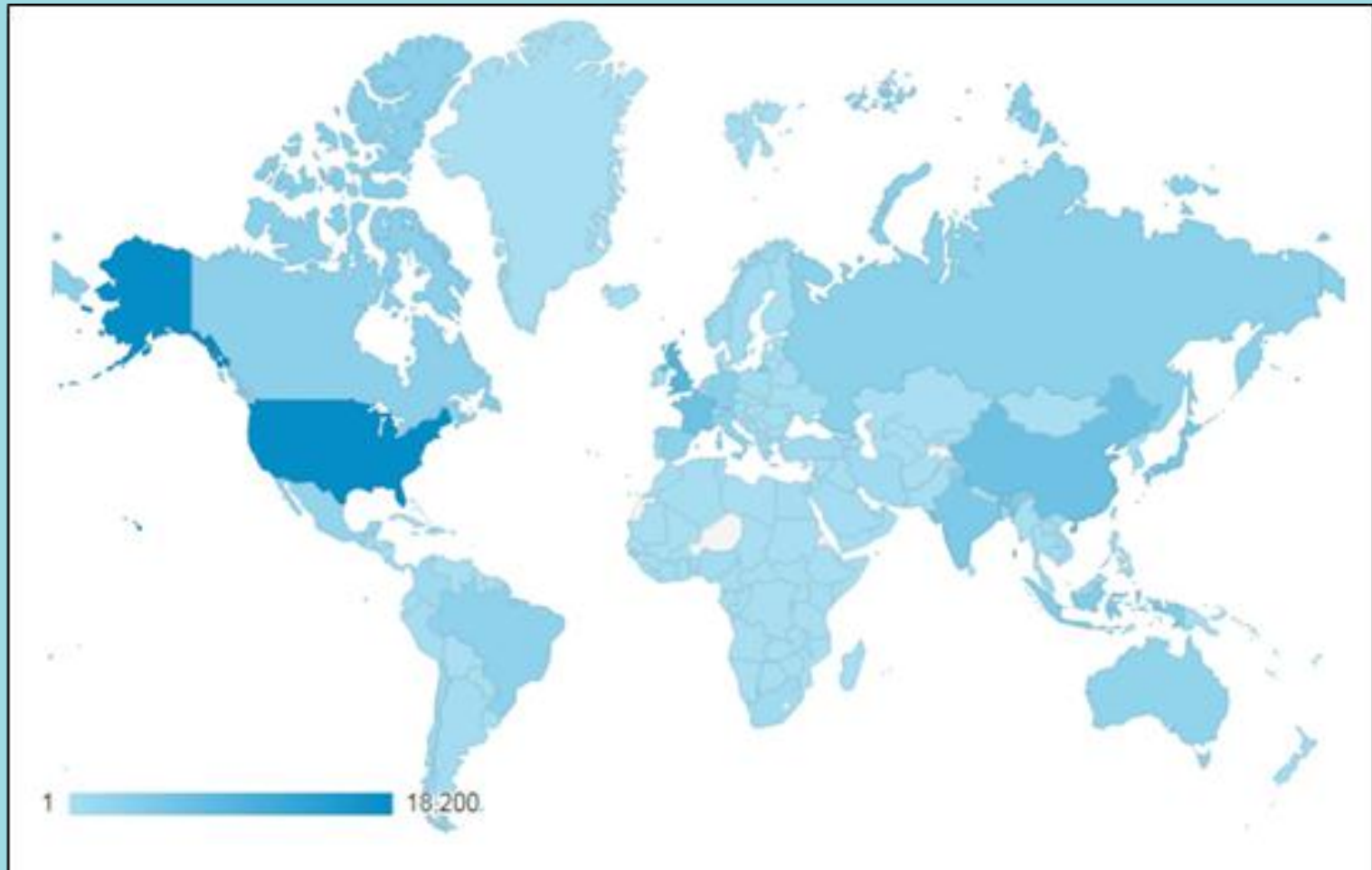
Access to GEBCO's web site

The image below shows the percentage of visits, during the last year, to the various areas of GEBCO's web site.



Access to GEBCO's web site

Geographic distribution of email addresses accessing GEBCO's web site.



Access to Seabed 2030 sub-web page

The Nippon Foundation-GEBCO Seabed 2030 sub-web page (<http://seabed2030.gebco.net>) was released in June 2017 to coincide with the launch of the project. It provides information about the project and links back to the main GEBCO web site. Since the launch of the sub-web there have been over 8,000 visits.



The screenshot shows the homepage of the Nippon Foundation-GEBCO Seabed 2030 Project. The header features a navigation bar with links: Home, Contact us, Disclaimer, Privacy and cookies, and a search box. Below the navigation bar is a banner image showing a bathymetric map of the ocean floor. The banner includes the GEBCO logo (General Bathymetric Chart of the Oceans) and logos for the Nippon Foundation, UNESCO, and the Intergovernmental Oceanographic Commission. The main content area is titled "Nippon Foundation-GEBCO Seabed 2030 Project". It contains a paragraph announcing the launch of the project, stating that it is a collaborative effort between GEBCO and the Nippon Foundation to map the ocean floor by the year 2030. To the right of this text is a logo for The Nippon Foundation, which includes a stylized green face and the text "日本財団 THE NIPPON FOUNDATION For Social Innovation". Below the announcement paragraph is a section titled "Seabed 2030 kick off meeting" with a paragraph stating that the project team met at the UK National Oceanography Centre in Southampton on October 25th and 26th, 2017. At the bottom of the page, there is a footer with logos for GEBCO, the Nippon Foundation, UNESCO, and the Intergovernmental Oceanographic Commission.

Home Contact us Disclaimer Privacy and cookies Search

GEBCO
General Bathymetric Chart of the Oceans

Nippon Foundation-GEBCO Seabed 2030 Project

The Nippon Foundation and GEBCO are pleased to announce the launch of **Seabed 2030**. Seabed 2030 is a collaborative project between GEBCO and the Nippon Foundation with the aim to facilitate the complete mapping of the ocean floor by the year 2030. It builds on more than 100 year's of GEBCO's history in global seafloor mapping.

The launch of the project was announced by Mr Yohei Sasakawa, Chairman of The Nippon Foundation, at the United Nations Ocean Conference in June 2017.

Seabed 2030 kick off meeting

On 25th and 26th October 2017, members of the Seabed 2030 Project Team and invited experts met at the UK National Oceanography Centre, Southampton - to plan the first stages of this ambitious project.

The Team includes representatives of the four Seabed 2030 Regional Centres and the Global Centre.

THE NIPPON FOUNDATION
For Social Innovation

Access to GEBCO's Facebook page

In 2017 we have posted 18 news items to GEBCO's Facebook page (<https://www.facebook.com/GEBCO/>) relating to GEBCO, bathymetry data and seafloor-related research.

Date of post	Link to posted item	Number of people reached
19/09/2017	http://www.nautiluslive.org/blog/2017/09/12/seafloor-mapping-alon	587
13/09/2017	http://news.rice.edu/2017/08/21/hidden-river-once-flowed-beneath-antarctic-ice/	263
23/08/2017	http://noc.ac.uk/news/high-resolution-mapping-deep-sea-vertical-walls-using-ocean-robots	846
15/08/2017	https://www.sciencenewsforstudents.org/article/cool-jobs-science-deep-beneath-waves	875
20/07/2017	http://www.ga.gov.au/news-events/news/latest-news/the-data-behind-the-search-for-mh370-phase-one-data-released	1,400
03/07/2017	https://eos.org/project-updates/new-volcanic-island-unveils-explosive-past?utm_source=eos&utm_medium=email&utm_campaign=EosBuzz063017	256
27/06/2017	https://eos.org/project-updates/a-1-4-billion-pixel-map-of-the-gulf-of-mexico-seafloor	2,100
18/04/2017	http://www.ga.gov.au/news-events/news/latest-news/coming-in-from-the-cold-three-successful-antarctic-surveys-return-home	430

Thank you