



Project:
GEOCARBON

Project full title:
Operational Global Carbon Observing System

European Commission - FP7
Collaborative Project (large scale integrating project) - for specific
cooperation actions (SICA) dedicated to international cooperation partner countries
Grant agreement no.: **283080**

Del. no: 22.3

Deliverable name: Project Web Site

Version: V1

WP no: 22

Lead beneficiary: CMCC

Delivery date from Annex I (project month): 12

Actual delivery date (project month): 12

1. Introduction

1.1 Short summary

The GEOCARBON website is the first concrete action to show publicly the objectives and organization of the project, the main project contacts and a continuous indication of activities, links, and results allowing the general public to gather information about our project. This document describes the structure, the content for the GEOCARBON Project Public Website that is available at the following link: www.geocarbon.net.

1.2 Rationale for this deliverable

The website is fully operational from September 2012, in line with the project proposal. It represents the main tool of dissemination and valorisation of the activities carried out throughout the project and of the main outputs (methodologies, results, reports and recommendations) produced by the project work packages. For this reason specific attention will be given to the frequent updating of the website content.

The adopted solution is an open source content management system (CMS) called JOOMLA, version 2.5. Many aspects, including its ease-of-use and extensibility, have made Joomla the most popular Web site software available. Moreover, Joomla is an open source solution that is freely available to everyone.

1.3 Problems encountered and envisaged solutions

No problems have been encountered

2 Full description

The GEOCARBON homepage provides a brief overview on the project. It also informs the reader that the project is funded by the European Commission's 7th framework programme and contains the generic European flag and FP7 logos. The homepage also contains a graph on the global carbon cycle, showing the observing system and some fluxes at the same time. This graphs has been created ad-hoc for the project by using as a reference the Figure 7.3 from the Contribution of Working Group I to the Fourth Assessment Report of the Intergovernmental Panel on Climate Change (IPCC), 2007. IPCC numbers have been integrated and/or updated with data from Global Carbon Project (GCP) and National Oceanic and Atmospheric Administration (NOAA).

In the menu on the left, there are several items that link to different sections.

The first one, labelled as *Project*, contains a description of the project's background, objectives, work plan and a page focused on the establishment of the Geo Carbon Office. The *Components* section illustrates the project structure showing the links among the eight components, that are in turn divided in 23 work packages, their activities and specific objectives as stated in the Grant Agreement.

Information on project coordinator, participants (with links to institutional partners websites) and advisory board members are found in the *Consortium* section.

Project deliverables in chronological order and links to project data streams are available in the section labelled *Products*, while newsletters, presentation and publications are downloadable in the *Documents* section. More in depth, the *Publications* page lists all the scientific publications and dissemination materials produced in the frame of the project beginning with the most recent product. The documents are made available as pdf files (for downloading). Alternatively, a link to the complete paper is provided when possible (based on copyright permissions).

Latest events organized during the project lifespan, together with news on other relevant initiatives as meeting, conferences and workshop are listed in *Events* section. This section is also directly accessible from the menu on the right. At the moment, the *Photos and graphs* section only includes a gallery of images related to field work but this section will be regularly updated with the progress of the project. The *Contact* section displays address and contact details for Project coordinator, Project manager and Coordination support. Finally the *Links* section contains a set of useful links to international organizations related to the project activities, other relevant international projects and databases.

To stimulate active participation of subjects not directly involved in the project partnership, update the mailing list of potential stakeholder and expand the carbon network a registration tool has been developed (the box below on the right). Even if the Coordination team is the main responsible for driving website updates on a regular basis, the registration tool is also used as incentive to collect contributions by project partners because it allows them to become, after authorization, special users. Special users can upload documents and inputs to publish their contents in the website.

To help understand the usage of the website, the website was registered with the free Google Analytics facility. This will allow the production of reports to be run on the website, giving a very clear picture of information such as:

- How many users are visiting the site
- What links and pages are more popular than others
- What websites are users coming from
- Where are visitors coming from geographically

Annex I shows some GEOCARBON website statistics.

The following is a preview of the GEOCARBON Public Website at the time of writing this document.

The screenshot displays the GEOCARBON Public Website homepage. The browser address bar shows the URL: http://www.geocarbon.net/index.php?option=com_content&view=featured&Itemid=101. The website features a header banner with the GEOCARBON logo and the tagline "TOWARD AN OPERATIONAL GLOBAL CARBON OBSERVING SYSTEM". A navigation menu on the left includes links for HOME, THE PROJECT, COMPONENTS, CONSORTIUM, PRODUCTS, DOCUMENTS, EVENTS, PHOTOS AND GRAPHICS, CONTACTS, LINKS, and ADMINISTRATION. The main content area provides an overview of the project, its goals, and the challenges of carbon cycle monitoring. A sidebar on the right contains sections for NEWS, LAST UPDATES, and EVENTS, along with a login form.

GEOCARBON
TOWARD AN OPERATIONAL GLOBAL CARBON OBSERVING SYSTEM

HOME

- THE PROJECT
- COMPONENTS
- CONSORTIUM
- PRODUCTS
- DOCUMENTS
- EVENTS
- PHOTOS AND GRAPHICS
- CONTACTS
- LINKS
- ADMINISTRATION

GEOCARBON is a European FP7 project with a global perspective, with the ultimate aim to lay the foundations for an operational Global Carbon Observing and Analysis System in support to both science and policy.

Why GEOCARBON?

A coordinated and sustained global effort is required to integrate and analyse a higher quantity and quality of CO₂ and CH₄ data, from in situ and remote sensing observations encompassing atmosphere, land and oceans.

Nowadays:

- ⊗ there are many networks monitoring C-cycle / but there is a lack of continuity and sustainability, and there are still many under-represented regions and ecosystems types;
- ⊗ there are many different methods to measure C-cycle / but the interoperability of the systems and intercomparison of the results are difficult;
- ⊗ there are many C-budget estimates at different temporal and spatial scales / but there is still high uncertainty;
- ⊗ there is an impressive wealth of scientific information / but it is difficult to translate science into policy relevant information.

Coordination for a global integration of the current carbon monitoring efforts and their datasets is needed to build an operational Global Earth Observation System of Systems (GEOSS) for carbon.

Such an operational system will be essential to advance the current scientific knowledge, reduce the uncertainties and provide policy relevant information.

There is an increasing request by decision makers of **systematic, consistent and transparent data, information and tools**, for an independent and reliable verification system of greenhouse gas emissions and absorptions, and to timely address mitigation and adaptation policies.

NEWS

- 2012 carbon budget released from the Global Carbon Project

LAST UPDATES

- GEOCARBON brochure
- A GEO perspective on the carbon cycle

EVENTS

- Other events: 18th session of the Conference of the Parties to the UNFCCC, 26 November/7December, Doha

User Name

Password

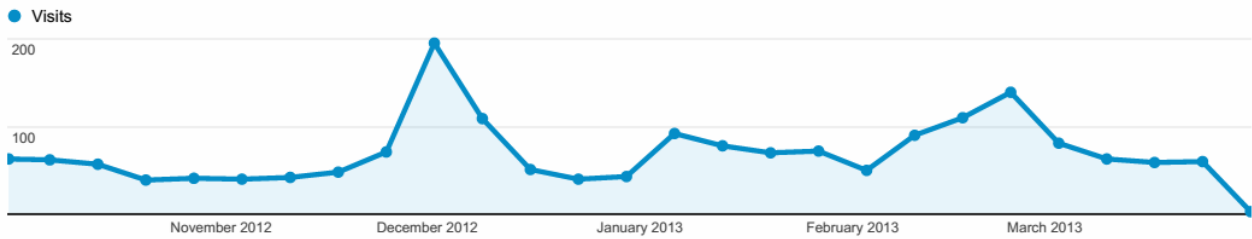
Remember Me

LOG IN

Remote sensing | ATMOSPHERE | 8C2 | Atmosphere

ANNEX I - GEOCARBON WEBSITE STATISTICS from 01 October 2012 to 31 March 2013

Overview



Visits



Unique Visitors



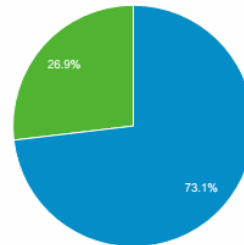
Pageviews



Pages / Visit

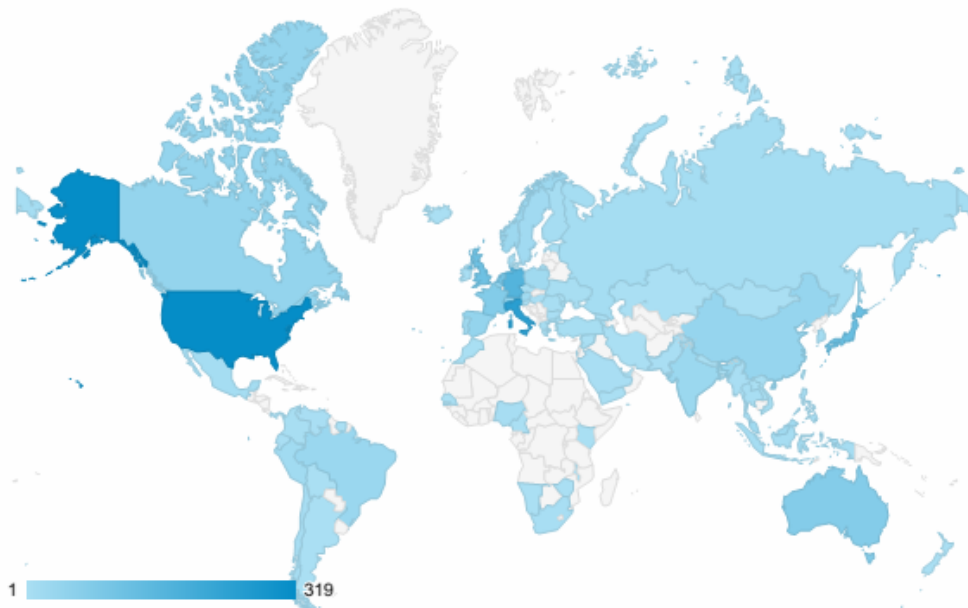






■ New Visitor ■ Returning Visitor



Map Overlay

Site Usage



Country / Territory	Visits	% Visits
1. United States	319	 17.08%
2. Italy	248	 13.28%
3. Germany	167	 8.94%
4. Japan	126	 6.75%
5. United Kingdom	116	 6.21%
6. Netherlands	100	 5.35%
7. France	76	 4.07%
8. Australia	75	 4.01%
9. Belgium	47	 2.52%
10. Switzerland	44	 2.36%