



## “Search the Med” Tool User Guide

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## Introduction - Rationale

This is a short User Guide for the “Search the Med” tool of BleutourMed\_C3. The library of the “Search the Med” tool has been primarily developed in order to assist the projects of the Sustainable Tourism Community of the Interreg-Med 2014-2020 Programme to capitalise on the existing scientific knowledge and experience and develop more effective actions towards the fulfillment of their objectives. In addition, the library could be considered as a multi-source repository of sources regarding the sustainability of tourism and with particular emphasis on the Mediterranean region.

The innovative character of the “Search the Med” tool lies on three main factors. The first regards the inclusion of a wide range of types of documents, such as scientific papers, project deliverables and reports, in one single library. The second differentiating factor is that the codification of the selected documents is based on a document driven approach rather than a project based approach. This kind of orientation provides the ability to users to access directly deliverables and reports dealing with tourism related issues without engaging in time demanding research on past projects' deliverables. In addition, the library includes deliverables dealing directly or indirectly with tourism issues that may have been produced under projects of different orientation. Finally, rather than just including an entry by conducting a tag or keywords search, the elements selected to be included in the library have been firstly reviewed in depth by the members of the development team of BleuTourMed\_C3. Although more effort demanding, this approach provides the developers with the ability to include the most useful sources and add any additional keywords towards an improved description of all entries.

## Structure

The tool is based on two main components. The first consists of the database where all entries are progressively entered in. The second is the frontend search engine which enables a user friendly browsing of sources.

### Component 1: Database

The database includes the fields presented in Table 1.

Table 1: The fields of the “Search the Med” database

Fields	Description	Values
<b>Common fields</b>	They are common for all types of entries.	
Type of document	This field specifies the type of document.	Paper, Project, Report, Book
Title	This field contains the title of	Text

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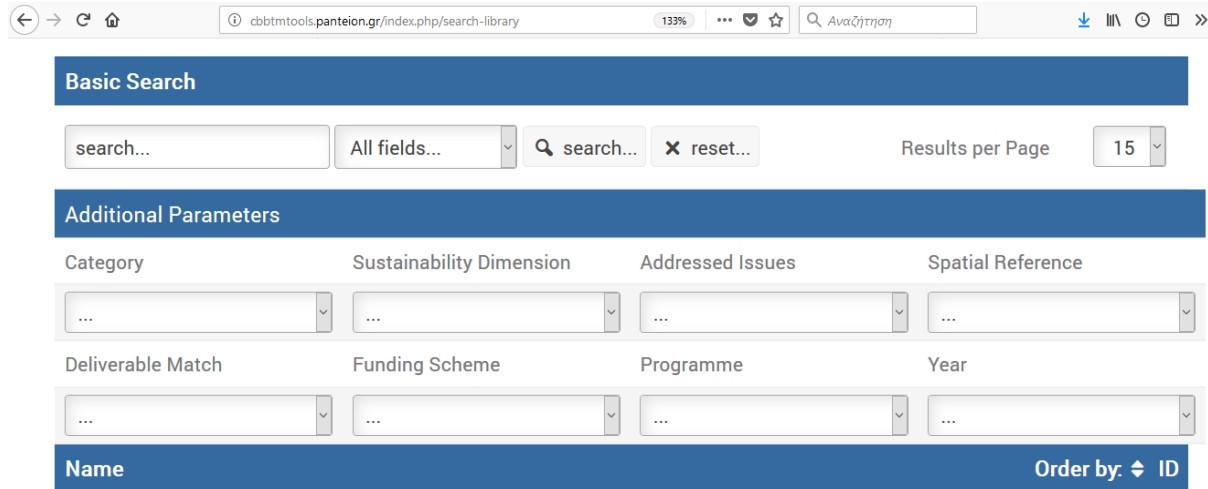
	the document.	
Publication year	This field specifies the year of publication of the sources.	Year
Keyword-Addressed Issues	This field assigns addressed issues on each source. The list of issues is predefined and it includes the most important issues of the Sustainable Tourism Community of the Interreg Med Programme. The issues are assigned to each document after its review by the BTM development team members.	Accessibility Capacity building/ Stakeholder engagement Carrying capacity Climate change Clustering Demographic change Diversification/Differentiation Employment ICZM Innovation MSP Resource management Risk management Social well being Tourism model Urbanization/Littoralization
Keyword-Content Specific	This field includes the authors' keywords. In certain documents when no keywords are available or in cases in which keywords are insufficient to describe the content as a whole, more keywords are added by the BTM development team.	Keywords
Dimension	This field specifies the most relevant -to the scope of the source- dimension amongst the four dimensions of sustainability.	Social, Economic, Environmental, Governance
Spatial reference	The entries of the field describe the spatial scope of each source.	European International Mediterranean National Regional Macro-regional Local International Mediterranean National Regional Macro-Regional Local Mediterranean Countries
Type of deliverable	This field defines the type of deliverable. There are four main types of deliverables, namely	Paper, Project, Report, Book

	scientific papers, project deliverables, reports and books.	
Link	This field includes the link to each entry.	Link
<b>Scientific Papers</b>	They are additional entries which are becoming visible to users when the search result concerns an item of the “Paper” category.	
Journal	This field includes the title of the journal	Text
Vol/No	This field includes the volume and the number of issue.	Text
Pages	This field includes the number of the pages.	Number
<b>Project Deliverables</b>	They are additional entries which are becoming visible to users when the search result concerns an item of the “Project” category.	
Funding Scheme	This field provides information about the general funding scheme under which the project whose deliverable is entered in the library has been implemented.	Interreg transnational Interreg cross-border IPA crossborder Interregional Neighbourhood COSME Other programmes
Programme	This field provides information about the specific programme under which the project whose deliverable is entered in the library has been implemented.	Text
<b>Reports</b>	They are additional entries which are becoming visible to users when the search result concerns an item of the “Report” category.	
Institution	This field includes the name of the publishing institution.	Text
Details	This field includes additional details of the report.	Text
<b>Books</b>	They are additional entries which are becoming visible to users when the result concerns an item of the “Book” category.	
Publisher	This field includes the name of the publisher.	Text
Place of publication	This field includes the place of publication.	Text

## Component 2 – Search Engine

The search engine interface is presented in Figure 1.

Figure 1: The Search Engine Interface



The screenshot shows a web browser window with the URL `cbbtmttools.panteion.gr/index.php/search-library`. The interface is divided into two main sections: **Basic Search** and **Additional Parameters**.

**Basic Search** includes a search input field with the placeholder text "search...", a dropdown menu for "All fields...", a "search..." button, a "reset..." button, and a "Results per Page" dropdown set to "15".

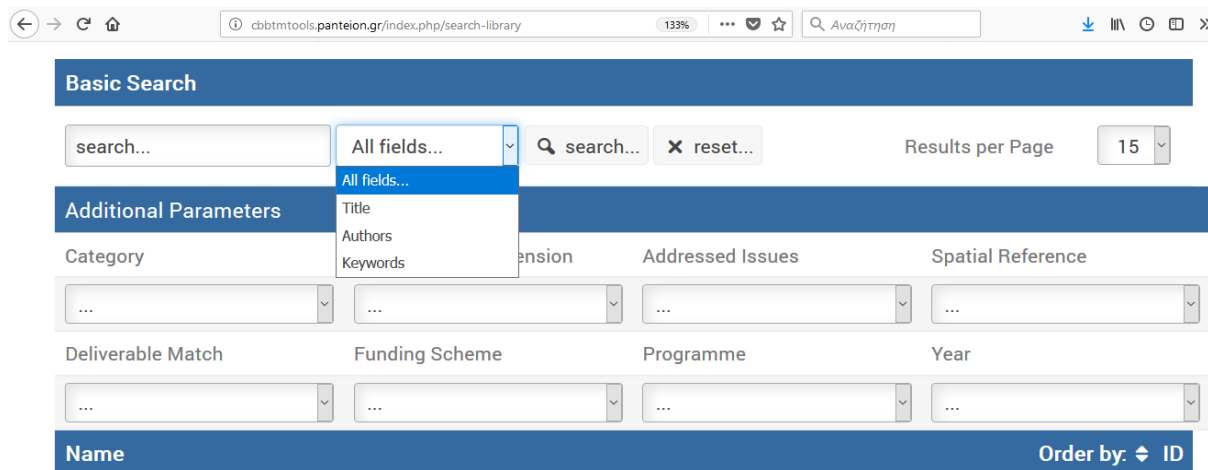
**Additional Parameters** includes several dropdown menus for filtering results:

- Category
- Sustainability Dimension
- Addressed Issues
- Spatial Reference
- Deliverable Match
- Funding Scheme
- Programme
- Year

At the bottom, there is a "Name" label and an "Order by: ID" dropdown menu.

The interface provides the ability of a simple search within the contents of the library as well as more complex researches taking into account various parameters. The basic search could be conducted by entering a keyword in the search field and pressing the search button. With this function the engine conducts a research across all contents of the library. In addition, a user could conduct a more focused search by selecting one of the three main selected categories (title, authors, keywords) in the field shown in Figure 2.

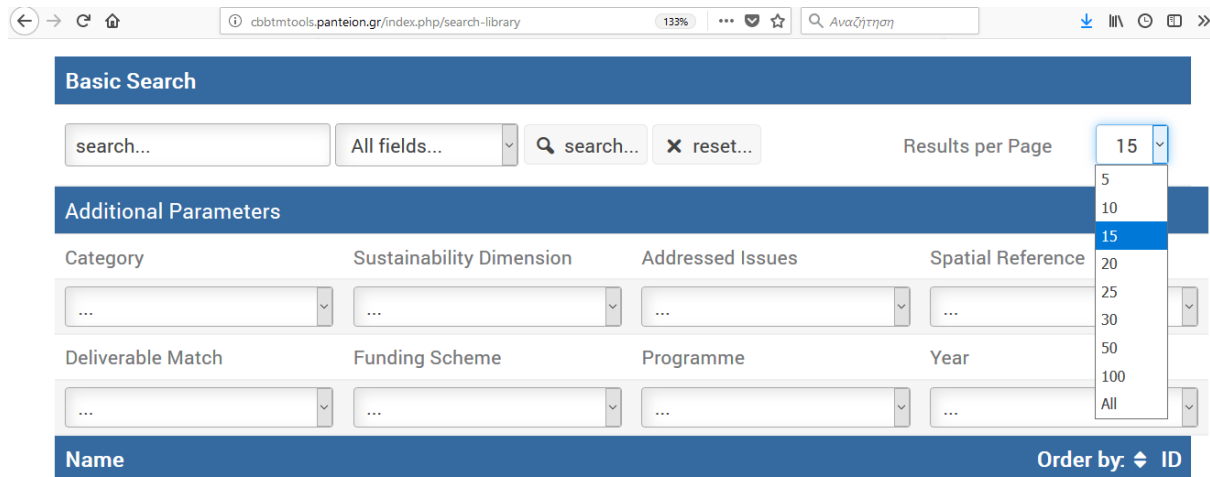
Figure 2: The basic search functions



This screenshot shows the same interface as Figure 1, but with the "All fields..." dropdown menu expanded. The dropdown menu lists three options: "Title", "Authors", and "Keywords".

Users can select the number of results returned in each search query by selecting the desired number in the field shown in Figure 3. Finally, the reset button can be used to clear the previous results and start a new search query.

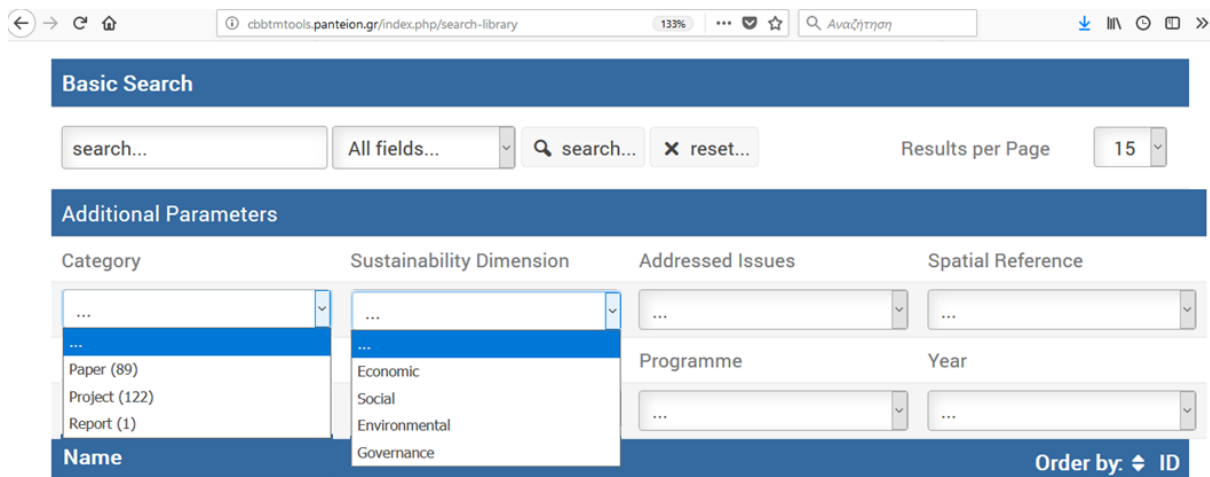
Figure 3: Defining the number of results



The screenshot shows a web browser window with the URL `cbbtmtools.panteion.gr/index.php/search-library`. The page has a blue header with the text "Basic Search". Below the header, there is a search bar with the placeholder "search...", a dropdown menu for "All fields...", a search button with a magnifying glass icon, and a "reset..." button. To the right of the search bar, there is a "Results per Page" dropdown menu that is currently open, showing options: 5, 10, 15 (selected), 20, 25, 30, 50, 100, and All. Below the search bar, there is a section titled "Additional Parameters" with four rows of dropdown menus: "Category", "Sustainability Dimension", "Addressed Issues", and "Spatial Reference". Below these, there are four more rows of dropdown menus: "Deliverable Match", "Funding Scheme", "Programme", and "Year". At the bottom of the page, there is a blue bar with the text "Name" on the left and "Order by: ID" on the right.

In the parametric search mode users can select in total eight parameters in order to conduct more targeted search queries. In Figure 4 the available options for targeting the search query to specific category types and sustainability dimensions is presented.

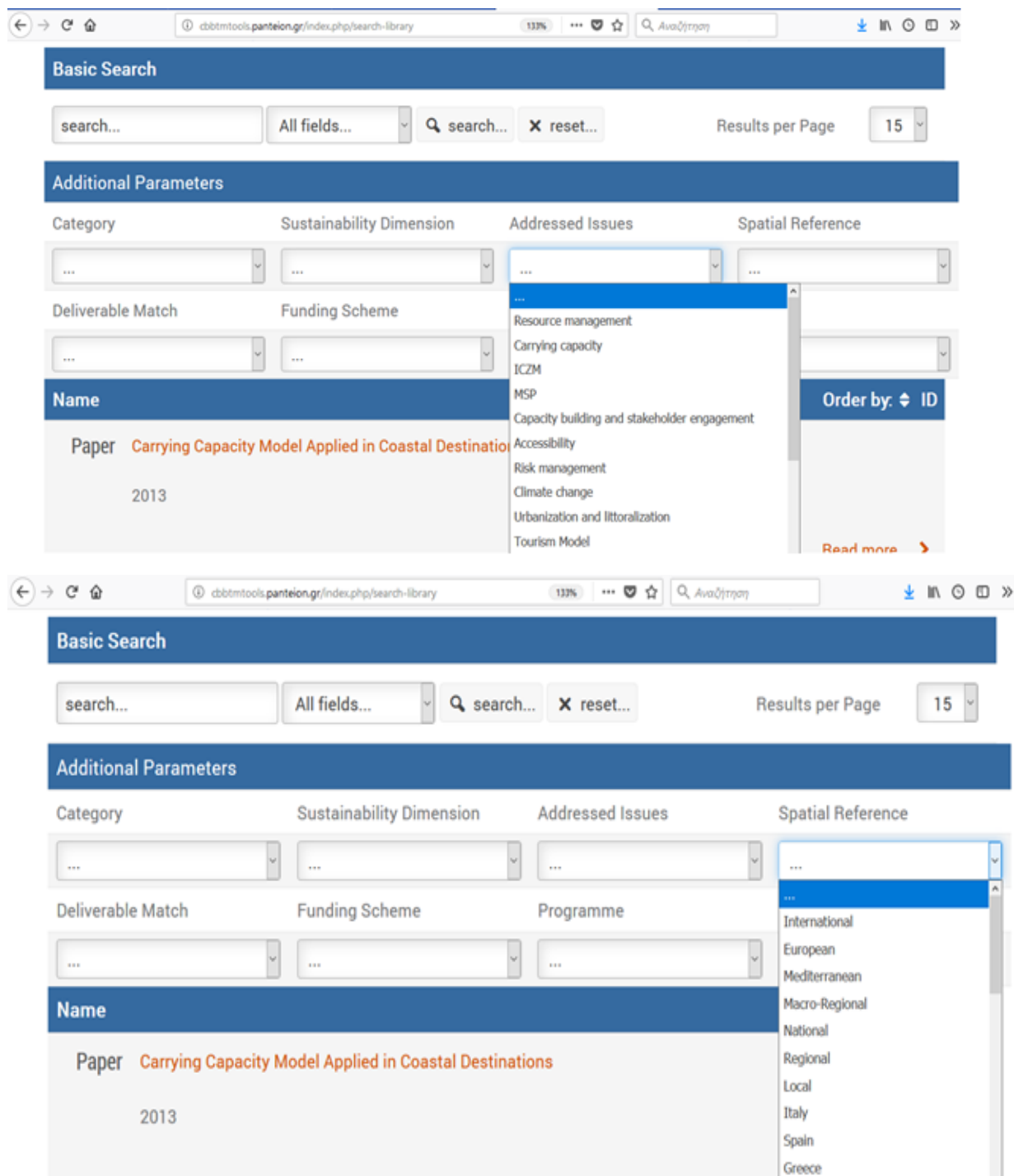
Figure 4: Conducting a parametric search query (part1)



The screenshot shows the same web browser window as Figure 3. The "Additional Parameters" section is now more detailed. The "Category" dropdown menu is open, showing options: "Paper (89)", "Project (122)", and "Report (1)". The "Sustainability Dimension" dropdown menu is also open, showing options: "Economic", "Social", "Environmental", and "Governance". The "Addressed Issues" and "Spatial Reference" dropdown menus are still closed. The "Deliverable Match", "Funding Scheme", "Programme", and "Year" dropdown menus are also closed. The "Results per Page" dropdown menu is still open, showing the same options as in Figure 3. The blue bar at the bottom of the page still contains the text "Name" and "Order by: ID".

In addition the available options for the parameters “Addressed Issues” and “Spatial Reference” are given in Figure 5.

Figure 5: Conducting a parametric search query (part 2)



The screenshot displays the search interface of the cbbtools.panteion.gr website. The browser address bar shows the URL `cbbtools.panteion.gr/index.php/search-library`. The page is divided into two main sections: "Basic Search" and "Additional Parameters".

**Basic Search:** Includes a search input field, a dropdown for "All fields...", a search button, a reset button, and a "Results per Page" dropdown set to 15.

**Additional Parameters:** Contains several dropdown menus for filtering results:

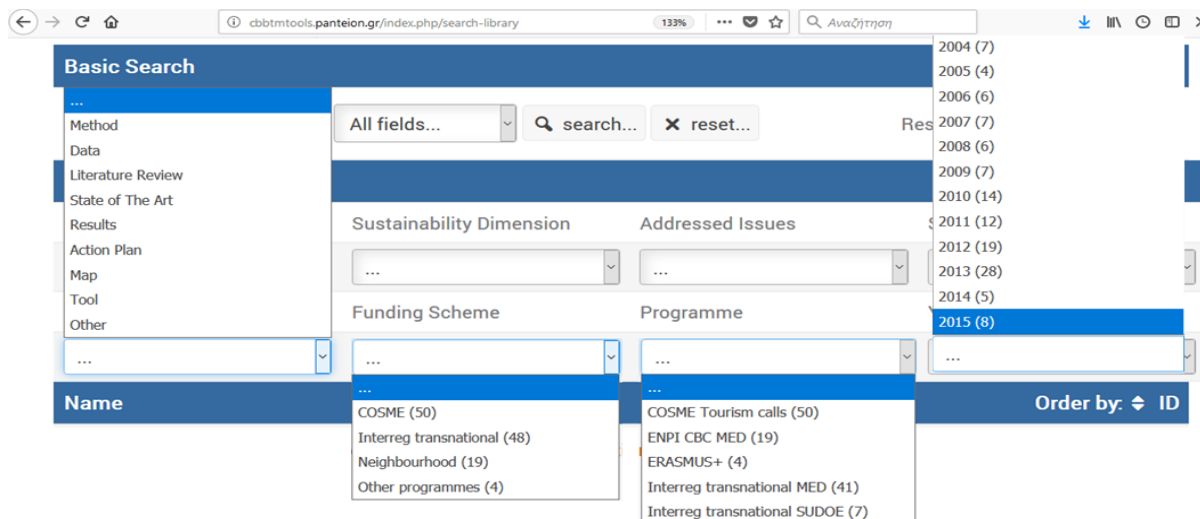
- Category:** A dropdown menu.
- Sustainability Dimension:** A dropdown menu.
- Addressed Issues:** A dropdown menu with a list of issues including "Resource management", "Carrying capacity", "ICZM", "MSP", "Capacity building and stakeholder engagement", "Accessibility", "Risk management", "Climate change", "Urbanization and littoralization", and "Tourism Model".
- Spatial Reference:** A dropdown menu with a list of spatial references including "International", "European", "Mediterranean", "Macro-Regional", "National", "Regional", "Local", "Italy", "Spain", and "Greece".
- Deliverable Match:** A dropdown menu.
- Funding Scheme:** A dropdown menu.
- Programme:** A dropdown menu.

**Name:** A section displaying the search results. The first result is a paper titled "Carrying Capacity Model Applied in Coastal Destinations" from 2013. A "Read more" link is visible next to the result.



Finally, the options under the parameters “Deliverable Match”, “Funding Scheme”, “Programme” and “Year” are presented in the following figure.

Figure 6: Conducting a parametric search query (part 3)



The screenshot shows a web browser window with the URL `cbbtmttools.panteion.gr/index.php/search-library`. The page has a search bar with the text "Αναζήτηση" and a "search..." button. Below the search bar, there are several dropdown menus for filtering results. The "Sustainability Dimension" dropdown is open, showing options: "COSME (50)", "Interreg transnational (48)", "Neighbourhood (19)", and "Other programmes (4)". The "Funding Scheme" dropdown is also open, showing options: "COSME Tourism calls (50)", "ENPI CBC MED (19)", "ERASMUS+ (4)", "Interreg transnational MED (41)", and "Interreg transnational SUDOE (7)". The "Programme" dropdown is open, showing options: "COSME (50)", "ENPI CBC MED (19)", "ERASMUS+ (4)", "Interreg transnational MED (41)", and "Interreg transnational SUDOE (7)". The "Year" dropdown is open, showing a list of years from 2004 to 2015 with the number of results in parentheses: 2004 (7), 2005 (4), 2006 (6), 2007 (7), 2008 (6), 2009 (7), 2010 (14), 2011 (12), 2012 (19), 2013 (28), 2014 (5), and 2015 (8). The "Order by" dropdown is set to "ID".

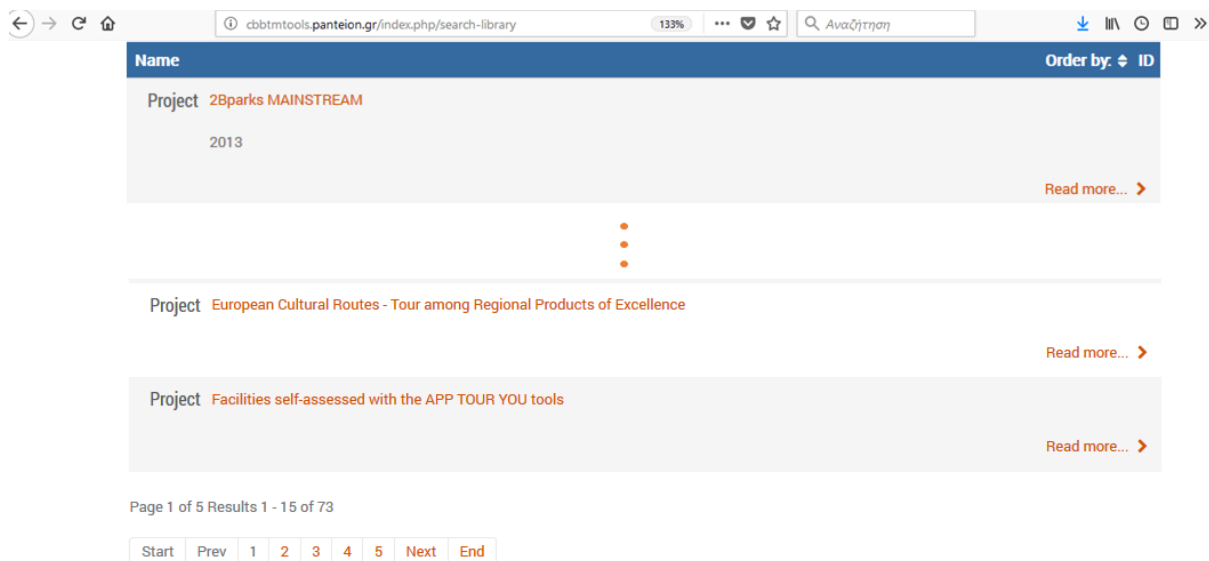
## Search Results

### Results Listing

The results are returned to the users in a new page and are organized using a pagination system. The page includes the type of the source, the title and the year of publication (when available). The details of each source could be accessed, either by clicking on its title or by pressing the link “read more”. Users have also the option to extract the full list of results (initially the max number of extracted results is set to 100) in excel file format by clicking the Export XLS button at the left bottom part of the page. It should be noted that the reset button should be pressed after exporting the results in order for users to be able to proceed to further research queries. In addition, the total number of returned sources is given at the bottom of the results page and the number of sources per page is defined according to users’ selection (See Figure 3). A simple search with the term “diversification” and with the up to date available entries returns in total 73 items which are presented in Figure 7.



Figure 7: The results page



By using the different fields of parameters users can limit their search to more focused results. It should be noted that a composite search could be conducted by modifying more than one parameters. Using the example described above, a user search for the term 'diversification' with the 'resource management' option selected in the "Addressed Issues" field and 'Local' option selected in the "Spatial Reference" field will return 41 results (out of the initial 73). Finally, users have the option to perform a clear search by modifying only the parameters of the search engine and leaving the search field empty. For example, if users select to obtain all the sources dealing with economic sustainability issues, the relevant option should be selected in the "Sustainability Dimension" field and the search button should be clicked without entering any keyword in the search field.

## Documents Details

An example of the page with all the details (for each source) is presented in Figure 8. The displayed entries vary according to the type of selected source. Users are able to share the specific results by using the share buttons at the bottom of the page.

Figure 8: Detailed results page

Paper		Print
215		
<b>Title:</b>	Carrying Capacity Model Applied in Coastal Destinations	
<b>Authors:</b>	Enrique, Navarro, Jurado; Ionela, Mihaela, Damian; Antonio, Fernandez-Morales	
<b>Pub Year:</b>	2013	
<b>Addressed Issues:</b>	Capacity building and stakeholder engagement; Carrying capacity; Employment; Resource management; Social well being; Urbanization and littoralization	
<b>Sustainability Dimensions:</b>	Economic;Governance;Social	
<b>Spatial Reference:</b>	Local;Meditarranean;Spain	
<b>Keywords:</b>	survey of tourists, Costa del Sol, overcrowding, social carrying capacity, segmentation analysis	
<b>Deliverable Match:</b>	Method;Results	
<b>Journal:</b>	Annals of Tourism Research	
<b>Vol/No:</b>	43	
<b>Pages:</b>	1-19	
<b>Link:</b>	#http://dx.doi.org/10.1016/j.annals.2013.03.005#	
<a href="#">&lt; Back</a>		<a href="#">Next entry &gt;</a>

## Disclaimer

BleuTourMed\_C3 project does not own any of the materials included in the “Search the Med” tool. It is on the user of this webtool to take all appropriate measures to protect its own data and / or software from contamination by viruses circulating on the Internet. The BleuTourMed\_C3 project cannot be held responsible for direct or indirect damages resulting from the use of its webtool or other sites and tools linked to it.

The “Search the Med” tool will be enriched with additional documents during the whole project’s lifetime (until 2019). Although the best effort has been given to provide most accurate information regarding the sources, BleuTourMed\_C3 development team acknowledges the possible existence of errors and omissions and the potential for the further improvement of the tool. For any comments and suggestions for sources inclusion, please contact [cb\\_bleutourmed@panteion.gr](mailto:cb_bleutourmed@panteion.gr) providing the relevant information.

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