Tejedor, S. (dir). Herramientas digitales para comunicadores.

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Tool Map and Cyber Journalism Key Concepts

We find ourselves with a collaborative project—result of a shared editorial process between faculty and students from the master's in Journalism and innovation of digital content from the Universitat de Barcelona. Within the framework of an idea lab, key concepts were studied and debated concerning the transformation of digital journalism that materialized months after in this edition, under the coordination of professor Santiago Tejedor, director of the department of Journalism and Communication Sciences and expert in cyber media and multimedia journalism.

The objective of the project was to create a piece in order to identify the latest topics on journalism and digital communication and that will help to situate the reader, journalist or researcher with a series of concepts, processes and challenges that impact cyber journalism. The approach varies from different points of views and methods, while offering a wide range of topic as it tries to cover almost all the aspects of digital information practices. The fact that this work has surged from a professional context, where students, teachers and various professionals have also been linked, favors a current outlook centered on the usefulness of the book. Thus, the result is a specialized manual with 28 essays that pose the challenges of digital technology and emerging communication, and a glossary of resources and tools consisting of 60 entries.

In the first section of the texts, we can find previous debates that are still completely current and new views towards the most innovative formats of communication, such as informative microformats or transmedia, described in an article by Ainara Larrondo. We can find texts signed by professionals and researchers from both sides of the ocean, with a strong Ibero-American presence. Some of them present new teaching practices in journalism and digital literacy classroom, such as the use of mobile phones in curricular practices in the

essay "Medios móviles y nuevos lenguajes fílmicos en el aula", by Fernanda Tusa Jumbo. The work also offers more reflective texts, widely debated but no less important, such as "Periodismo, ¿Para qué sirve lo que hacemos?", by Aldo Enrique Romero Z., or, "Gutenberg 2.0: des de la impremta a la intel-ligència artificial", by Juan Francisco Jiménez Jacinto. They are enjoyable readings of two or three pages that can present a good starting point for first investigations or of interest for professionals who want to make quick readings and think collectively about their career

In the second part of the book we find the directory. It has a totally practical approach and summarizes the most interesting tools, resources and platforms that digital communication professionals have at their fingertips to carry out digital projects. The glossary is organized in 5 large blocks with the following categories: search, analyze, write, visualize and collaborate.

Each of these five blocks contains some remarkable resources. For example, in the glossary we can find the search engine *CC Search*, which allows us to search for images, sounds, documents or videos with Creative Commons licenses. As readers know, these licenses facilitate in most of their meanings the use of the contents by third parties. As a second example, we can cite the *Hashtagify* analysis section. This tool allows us to analyse the impact and evolution of hashtags in the Instagram application. A special mention goes to *Memegenerator*— a memes search engine. In each of the glossaries, the reader will find a section with suggestions of how the tool or resource can be applied in the field of cyber journalism.

The directory is well structured and offers several useful tools for the day-to-day work of "digital" media professionals—if it still makes sense to add the adjective 'digital' to the media. Having them sorted and systematized will make the job easier and save us time when searching online.

In this sense, it should also be said that this second section's decline will be worse than the first, suffering from the usual

obsolescence of content and novelties of the Internet, as it competes with other directories and online resources that will probably be more updated in the future.

Ultimately, the book "Herramientas digitales para comunicadores" is a good teaching resource that updates previous projects; ideal for the training stages and useful for professionals that wish to have access to a selection of the latest news, resources and opinions regarding the new challenges in journalism in the ever so catalyst but unpredictable occurrence of the informative digital possibilities.

The current edition is available online on the website of the **Gabinete de Comunicación y Educación** of the Autonomous University of Barcelona:

http://www.gabinetecomunicacionyeducacion.com/es/publicaciones/herramientas-digitales-para-comunicadores.