AN ONLINE MULTILINGUALIZED DICTIONARY OF TERMS IN BUILDING CONSTRUCTION: ArchiTermFinder

Associate Professor Trinidad Fernandez

The foundation of this project is the long-term relationship between the Macquarie University (MQ) and the Polytechnic University of Madrid (UPM). Since 2005 we have been collaborating in multiple research projects on teaching and learning terminology in building construction, on bilingual/bilingualized dictionaries for L2 users, and on ESP pedagogy. Current research on online accessibility and readability, and online teaching and learning of construction terminology, have provided fresh insights into the needs of ESP students, especially through the MOOC created by Fernández et al. (2017, 2019). Feedback – from more than 2000 students from many countries of the world – has consistently mentioned the need for a perpetual open access reference on construction terms, as follow-up to the MOOC.

ArchiTermFinder, to be constructed on the MQ TermFinder platform, is to meet this need, and extend the termbank's scope and functionality with new onomasiological features. They include multidimensional coding of sets of terms (Fernández & Faber 2011), to allow users to access them in non-alphabetic ways, e.g. via the different kinds of opening mechanisms for windows (top—down, sideways), or the different materials used for walls. The termpages will be illustrated with sketch diagrams to be created by students at UPM. Extending Marello's (1998) concept of the *bilingualized* dictionary, *ArchiTermFinder* will be *multilingualized* with 3 languages (Spanish, Chinese and French), in translations of the key verbal elements of each termpage, as well as labels on diagrams. The new termbank lends itself to researching the efficacy of using multilingual verbal and visual elements as complementary cognitive channels for acquiring technical terminology, and how to optimize the combinations for independent learners.

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