Geophysical Research Abstracts Vol. 21, EGU2019-3257, 2019 EGU General Assembly 2019 © Author(s) 2019. CC Attribution 4.0 license.



IGCP-637 Heritage Stone Designation: A UNESCO and IUGS project on natural stones. A final wrap-up.

Dolores Pereira

Universidad de Salamanca, Geology, Salamanca, Spain (mdp@usal.es)

IGCP-637 was approved by UNESCO-IUGS in 2015 to facilitate establishment of a new international geological standard for building and ornamental stones. Formal international recognition of those natural stone types that have achieved widespread utilization in human culture is now underway and the term "Global Heritage Stone Resource" (GHSR) has been proposed for this designation. Stones that have been used in heritage construction, sculptural masterpieces, as well as in utilitarian (yet culturally important) applications are obvious GHSR candidates. In co-ordination with these aims the project has an associated role to promote the adoption and use of the GHSR designation. Consequently an interim list of potential GHSRs is maintained and a register of GHSR approved stones is being created and 15 stones have been designated as GHSR up to now. IGCP-637 also enhances the capacity of the International Union of Geological Sciences (IUGS) in the realm of dimension stone and geological standards, as it is the first IUGS involvement in this subject. As a consequence, the largest known international grouping of dimension stone professionals has been established.

Several researchers were funded to attend the Heritage Stones working group activities, including researchers from Algeria, Malawi, India, Italy, Argentina, Brazil, Spain, Romania, Russia, etc... We also have produced many publications, both as individual papers and special issues in journals included in the Journal Citation Reports. Monographs are being prepared at present.

2019 is the last year for IGCP-637. Hopefully it has helped to widen the circle of researchers interested in natural stones as part of our geoheritage.

Heritage Stone references: books, articles and special issues

- Natural Stone and Worldheritage. Delhi. G. Kaur (in prep) Ed. CRC Press, Taylor and Francis.

- Salamanca, Ciudad de Piedra y Patrimonio/Salamanca, City of Stone and Heritage. D. Pereira, A. del Arco and C. Gonzalez Neila (2018) Ed. Diputación de Salamanca

- Natural Stone and Worldheritage: Salamanca. D. Pereira (2019) Ed. CRC Press, Taylor and Francis.

- Natural Stones and Geoheritage. Ed. Pereira and Cárdenes (2019). Geogeritage 11-1

- Salamanca, Ciudad de Piedra y Patrimonio/Salamanca, City of Stone and Heritage. D. Pereira, A. del Arco and C. Gonzalez Neila (2018) Ed. Diputación de Salamanca

- Pereira, D. and Marker, B. (2016) The value of original natural stone in the context of architectural heritage. Geosciences, 6, 13.

- Heritage Stone 1. Ed. Pereira and Pratt. (2016). Geoscience Canada, Series, vol. 43.

- Global Heritage Stone Resource: An Update. Ed.: Pereira et al. (2015) Episodes, 38-2.

- Global Heritage Stone: Towards International Recognition of Building and Ornamental Stones. Ed.: Pereira et al. (2015) Geological Society Special Publications, 407.

- Pereira, D. and Baltuille, J.M. (2014) Documenting natural stone to preserve our cultural and architectonic heritage, Materiales de Construccion, 64 (314)

- Engineering Geology for Society and Territory - Volume 5. Urban Geology, Sustainable Planning and Landscape Exploitation. Ed.: Lollino, G., et al. (2014). Springer International Publishing Switzerland.

More information about IGCP-637 and the Heritage Stones Subcommission can be found at www.globalheritagestone.com