
TEMPLATE FOR IUGS HERITAGE STONE PROPOSAL

Name and affiliation of the proposer/s

Name:

Affiliation:

Does the proposer/s have any type of relation with any company currently producing the proposed stone? (if yes, please detail)

Part 1. General and geological characterization

1. Formal name
2. Stratigraphic (or geological) name
3. Other names (names given to different types or variants of the nominated stone, commercial names)
4. Area of occurrence (geographic area where the nominated stone occurs in nature, a map is required)
5. Location of quarry or quarries and description of quarrying activity (past and present). The current situation of the quarries must be explained.
6. Geological age and geological setting (details of sedimentary basin/ fold belt, tectonic domain, igneous activity, etc., that place the designated stone in a wider geological perspective)
7. Petrographic name (according to the IUGS stone definitions) and description (including colours, aesthetics, natural variability, mineralogical (and geochemical) composition)

Part 2. Constructive properties

1. Petrophysical properties (water absorption, density, porosity, mechanical behaviour, salt crystallisation, etc. These data should be in accordance with the declared architectonic uses)
2. Suitability and architectonic uses (assessment on utilisation, for example, cut building blocks, sculpting stone, roofing, monuments, polished decorative use, technological objects etc.)

Part 3. Arguments for the IUGS recognition / global significance

HEADLINE: please write one sentence / headline with the main argument for the designation

Please select with an X one or more of the 4 criteria for the designation (see definition and main standards)

	Main argument	Secondary argument	None
1. International distribution / use			
2. Emblematic buildings / sites			
3. Traditional architecture			
4. Uniqueness of the stone			
5. Additional arguments			

Please provide clear arguments for the selected criteria

1. International distribution / use

Please explain the historic use, international trade routes and geographic area of utilization, especially in significant architecture and monuments (Examples: Carrara Marble, Larvikite).

2. Emblematic buildings / sites

Please provide an extensive list with iconic buildings or buildings globally recognized for their architectural and cultural value in which the stone has been used in a significant way and how this stone shaped the main features of the building (Examples: Makrana Marble – Taj Mahal; Lalibela Scoria – Lalibela churches).

3. Traditional architecture

Please provide arguments why this stone played a crucial role in the development of a significant culture, society and its renowned architecture and why it should be internationally considered (Examples: Himachal Slate).

4. Uniqueness

Please explain the main petrographic and appearance features that make this stone to be highly appreciated and unique at a global scale (Examples: Red Ereno, Pyterlite, Arrabida Breccia).

5. Additional arguments

Please explain new arguments that have not been included in the previous sections and can clearly justify the international significance of the natural stone (Example: Solnhofen

~~Limestone – lithographic stone).~~

Part 4. Bibliography and documentation

1. Principal literature related to the designated stone (major scientific papers, books and popular literature dealing with the nominee) Please attach to the proposal as many references as possible in pdf format. Please provide translation to English for abstracts of main documents written in any other language, together with the original document.
2. Images (images, historic photos and line illustrations for publication)
3. Related web sites, including those from any actual producing company

Part 5. Any other relevant items (interaction with geoparks, geosites, etc.)

The application should be announced by email → hss.iugs@gmail.com and can then be uploaded to a folder.

The application should be sent in the form of a pdf (including all figures). The number of pages should not exceed 10-15 pages.