



IGCP 637
Heritage stone designation

**Circular No 11
March 2016**

Website: www.globalheritagestone.com

**Information and discussion on the 'Global Heritage Stone Resource' (GHSR),
an international designation recognising natural stone resources
that have achieved widespread utilisation in human culture**

This project operates as a "Task Group" of the "International Union of Geological Sciences" (IUGS) and under "Commission C-10 Building Stones and Ornamental Rocks of the International Association of Engineering Geology and the Environment" (IAEG C-10) with support from the International Geoscience Programme via IGCP Project 637

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OPENING MESSAGE

The Heritage Stone Task Group continues to be very dynamic.

Since our last Circular in September 2015, we have had a successful meeting in Baltimore, USA in November 2015 and plans are underway for a return conference at the EGU conference to be held in Vienna in April 2016. For the Baltimore conference funding from IGCP 637 was utilised to assist attendance from Europe, Africa and India and to create a new website. And we have recently learned that IGCP 637 funding has been renewed for 2016.

Most importantly we will have a presence at the 35th International Geological Congress to be held in Cape Town, South Africa in August/September 2016.

Two heritage stone Field Guides have been published for the excursions held in association with the Baltimore meeting.

A book entitled "Stone Heritage in East and Southeast Asia" has also just been published.

In addition a heritage stone issue of "Geoscience Canada" will be published this month.

Also of great importance are plans by IUGS to establish HSTG as a new ongoing Subcommission within a new "Geoheritage: Natural Stones and Sites" Commission.

As of 1 March 2016, HSTG has 239 correspondents from 55 countries. As per routine, please feel free to nominate additional HSTG Correspondents at any time. All new applicants are asked to submit an "HSTG Information Form".

Barry Cooper (Secretary General)

SUMMARY DIARY OF FUTURE HERITAGE STONE MEETINGS

April 17-22, 2016

The **General Assembly of “European Geoscience Union” (EGU) to be held in Vienna in 2016** will have a repeat session entitled “Natural stone research and Heritage Stone designation. The Convenors are Lola Pereira, Sabina Kramar and Björn Schouenborg. The Abstract deadline has passed. Please also see the website at www.egu2016.eu for further information.

June 26-30, 2016

Barry Cooper will speak on “Heritage stone designation: A new geological standard” at the **Australian Earth Sciences Convention, Adelaide, South Australia.**

August 27– September 4, 2016

HSTG will be present at the **35th International Geological Congress** to be held in Cape Town, South Africa. Abstract submissions have closed. At the moment, abstract review is taking place and the final decision about which sessions are to take place. HSTG will have a business meeting during the congress. Further information is available at www.35igc.org/.

2017 and 2018

During 2017, it has been suggested that HSTG could meet in conjunction with **International Council on Monuments and Sites (ICOMOS) in India**. The Global Stone Congress will also likely meet in Brazil.

During 2018, it has been suggested that heritage stone meetings can be held in association with:

- International Association of Engineering Geology and the Environment (IAEG) Congress, San Francisco September 2018
- Annual General Meeting of the Geological Society of America, Indianapolis, USA, 4-7 November 2018
- 800th anniversary of the University of Salamanca, Spain

THE NEW HERITAGE STONE WEBSITE

Since our last Circular HSTG /IUGS 637/IAEG C-10 has established a new, comprehensive and updated website at www.globalheritagestone.com .

35th INTERNATIONAL GEOLOGICAL CONGRESS, CAPE TOWN, SOUTH AFRICA - 27 AUGUST–4 SEPTEMBER 2016

The major meeting of HSTG for 2016 will hopefully be a session at the International Geological Congress held in Cape Town, South Africa. We await the final decision.

HSTG has a symposium proposal, under the “Engineering Geology and Geomechanics” Theme entitled “Dimension stone and building materials”. A business meeting of the IAEG C-10 and HSTG will also be held during the Congress.

A field trip examining “black granite quarries” is being considered.

In addition a half day field trip, led by Doug Cole, entitled “Building Stones of Cape Town” has been scheduled on Sunday 28 August and Saturday 3 September. It is described as follows:

Discover the building stones of Cape Town on the half-day walking tour. Depart the Congress venue and walk along Heerengracht Street as far as Cape Town Railway Station, stopping at several buildings and statues along the way. Proceed along Strand Street to Cape Town Castle, for an informative tour of this building. Continue across the Parade and along Darling Street and Adderley Street to Cape Town Cathedral, observing several buildings and their stones. Cross Wale Street to the Bishop Gray Monument, one of the most interesting building structures in Cape Town, and walk the entire length of St George’s Mall passing several interesting buildings. Cross Riebeek Street into Thibault Square to the last stop at the Engen Building. Proceed back to the Cape Town Convention Centre along Long Street, a distance of 500 metres.

Full details on field trips and costs will be provided later.

For up-to-date information on our Cape Town meeting contact our Vice President Africa Phil Paige-Green at email: paigegreenconsult@gmail.com.

General information on the 35th IGC is available at www.35igc.org/

Abstract submission has closed.

2016 APPROVAL OF GHSR NOMINATIONS

With the September 2015 Circular

1. A draft annual procedural guide providing guidance for future GHSR designation was circulated.
2. A concurrent call was made to suggest GHSR and GHSP nominations for consideration during 2016. A deadline date of 31 December 2015 was set.

With the passing of the deadline, the HSTG Board has now assembled and approved the following list of GHSR/GHSP nominations for consideration during 2016.

Notably this list specifically includes nominations that have been published in Special Publication 407 of the Geological Society of London in May 2015 and the Global Heritage Stone Special Issue of “Episodes” published in June 2015.

**List of GHSR/GHSP nominations to be considered during 2016
including the primary nomination paper in order of country**

Argentina

Pietra Mar del Plata
(Special Publication Geological Society of London 407: 263-268)

Australia

Sydney Sandstone
(Episodes 38: 124-131)

Belgium

Lede Stone
(Episodes 38: 91-96)
Petit Granit
(Episodes 38: 85-90)

Brazil

Steatite, Minas Gerais State
Schist, Minas Gerais State
(Special Publication Geological Society of London 407: 253-261)

Italy

Cararra Marble
(Special Publication Geological Society of London 407: 137-154)
Pietra Serena
(Special Publication Geological Society of London 407: 173-186)
Rosa Beta Granite
(Special Publication Geological Society of London 407: 155-172)

Norway

Larvikite
(Special Publication Geological Society of London 407: 21-34)

Portugal

Estremoz Marble
(Special Publication Geological Society of London 407: 57-74)
Oporto granite
(Special Publication Geological Society of London 407: 74-91)

Slovenia

Podpec Limestone
(Special Publication Geological Society of London 407: 219-231)

Spain

Alpedrete granite
(Episodes 38: 106-113)
Colmenar Limestone
(Special Publication Geological Society of London 407: 121-136)
Iberian Roofing Slate Province
(Episodes 38: 97-105)
Verde Granada (Serpentine)
(Special Publication Geological Society of London 407: 101-108)
Villamayor Stone
(Special Publication Geological Society of London 407: 109-120)

Sweden

Dala (Älvaden) porphyries
(Episodes 38: 79-84)
Hallandia gneiss
(Special Publication Geological Society of London 407: 35-48)
Kolmarden Serpentine Marble
(Special Publication Geological Society of London 407: 49-56)

HERITAGE STONE PUBLICATIONS

Special Paper 407 of the Geological Society of London entitled “Global Heritage Stone: Towards international recognition of building and ornamental stones” has been published in May 2015. The Editors are D. Pereira, B.R. Marker, S. Kramar, B.J. Cooper and B.E. Schouenborg.

A Special Issue of the journal “Episodes” entitled “Global Heritage Stone Resource: An Update” has also been issued in June 2015 as Volume 38, No.2. The Editors are D. Pereira, S. Kramar and B.J. Cooper.

Two Field Trip Guides, covering the field trips provided during the heritage stone meeting in Baltimore were published as follows.

- Hannibal, J.T. and Bolton, D.W. 2015. Building Stones of Baltimore, the Monumental City. *in* Brezinski, D.K., Halka, J.P. and Ortt, R.A. Jr, eds Tripping the Fall Line, Field Excursions for the GSA Annual General Meeting, Baltimore, 2015: Geological Society of America Field Guide 40, p 519-542.
- Livingston, R.A. Grissom, C.A. and Aloiz, E.M. 2015. Building Stones of the National Mall. *in* Brezinski, D.K., Halka, J.P. and Ortt, R.A. Jr, eds Tripping the Fall Line Field Excursions for the GSA Annual General Meeting, Baltimore, 2015: Geological Society of America Field Guide 40, p 519-542

The Coordinating Committee for Geoscience Programmes in East and Southeast Asia (CCOP) has published a book entitled “Stone Heritage in East and Southeast Asia”. Chapters dealing with Cambodia, Indonesia, Japan, Korea, Laos, Malaysia, Papua New Guinea, Phillipines, Thailand, Vietnam are included. H. Kato has organised this 234 page book.

A heritage stone issue of “Geoscience Canada” is being published in March 2016 with contributions from the EGU 2015 meeting in Vienna. Editors are B.R. Pratt and D. Pereira.

In our forward plan, prepared as part our application for IGCP funding, it has been envisaged that Special Publications of Geological Society of London entitled “Global Heritage Stone: Towards International Recognition of Building and Ornamental Stones” Volumes 2, and 3 will be issued during 2017 and 2019 respectively.

Plans for “Global Heritage Stone: Towards International Recognition of Building and Ornamental Stones” Volume 2 have advanced following the Baltimore meeting. It is anticipated that this volume will include papers that have been presented at the heritage stone sessions that have been or will be held at:

- Annual General Meeting of the Geological Society of America held in Baltimore, USA in November 2015.
- Annual meeting of the European Geoscience Union to be held in Vienna in April 2015 and 2016.
- 35th International Geological Congress, to be held in Cape Town, South Africa, August/September 2016.

HSTG TO BE TRANSFORMED BY IUGS INTO A SUBCOMMISSION

Björn Schouenborg represented HSTG at the 69th IUGS Executive Committee meeting in Kunming, China in January 2016. Our board member Lola Pereira was also present as representative of the Editorial Board of “Episodes”. Official IUGS minutes will be issued soon.

Among the more important news from the meeting is that the IUGS Executive has suggested that HSTG be transformed into a new Heritage Stone Subcommission within a newly created Commission, tentatively named “Geoheritage: Natural Stones and Sites”. The transformation is planned to take place at the 35th International Geological Congress to be held in Cape Town, South Africa.

This change is a recognition that heritage stone designation will gain an extended commitment from IUGS, which is good news. The transformation is not expected to produce any major change in the current level activity of the heritage stone designation, which is ongoing.

The change will involve greater liaison with the current Geoheritage Task Group which will also become another subcommission of the soon-to-be-created Geoheritage Commission, separate from the Heritage Stone Subcommission.

An abstract discussing the new Commission has been submitted for oral presentation at the 35th IGC in Cape Town.

In addition we have now received confirmation that HSTG will continue with the same amount of funding as previous year, i.e. US \$ 2000.

NEWSLETTER FOR 2015

The Newsletter 2015 was, as before, compiled and edited by Lola Pereira (Thank you Lola!) and can be downloaded from the HSTG website:

<http://globalheritagestone.com/reports-and-documents/newsletters/>

GEMSTONES AS A GHSR

The discussion, raised in the last Circular, as to whether gemstones should be considered by the Heritage Task Group continues.

Laurent Cartier offered the following poster for the heritage stone session in Baltimore:

HERITAGE GEMSTONES OR CONSERVATION GEMSTONES? FINDING WAYS OF PRESERVING THE HERITAGE OF GEMSTONE REGIONS AND RESOURCES WORLDWIDE

Subsequent discussion on this topic has led to the decision that GHSR does not include gemstones. However, gemstones may be a separate activity in the future. During the 69th IUGS Executive Committee meeting, it was decided that such a topic could become an activity (or a Task Group) within the new Commission if an official proposal was prepared. For such a proposal it is necessary to have a separate, fully manned organisation. However, we were advised first to structure the new Commission based on two Sub-commissions.

CHANGE IN CONTACT DETAILS

HSTG has become a significant network which works efficiently only if the administration has your current contact details.

If you change your email address or any other contact information please advise the Secretary-General as soon as possible. With every mailing, there are always a few emails that are rejected.

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**PLEASE ADDRESS ANY CORRESPONDENCE REGARDING THIS CIRCULAR
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