

**TRAINING COURSE ABOUT THE SELECTIVE
AND SUSTAINABLE EXPLOITATION OF
ORNAMENTAL STONES BASED ON DEMAND**
Verona, Italy, 1-2 October 2015

1st October

**08.45 – 9.00h Registration of the participants
and access to the bus** (Main entrance of
MARMOMACC Fair)

**09.00 – 10.00h Journey from the fair to Hotel
Tagliere d'Oro** (Paitone)

**10.00 – 10.30h Invitation to coffee-break in
Hotel Tagliere d'Oro**

**10.30 – 10.45h Journey from the Hotel to
Breccia Aurora quarry**

10.45 – 11.00h Welcome (EUROROC)

**11.00 – 13.45h Application of SUSTAMINING
methodology for selective and sustainable
natural stone exploitations**

- Demonstration: Ground Penetrating Radar -GPR-
with several antennas (AITEMIN and CTM)
- Presentation of Electrical Resistivity Tomography
technics -ERT- (MIRO)
- Presentation of Reflection, Refraction and
MASW technics (CTM)

**13.45 – 14.00h Journey from the Breccia
Aurora quarry to Hotel Tagliere d'Oro**

**14.00 – 15.30h Invitation to lunch in Hotel
Tagliere d'Oro**

**15.30 – 16.30h Journey from Hotel Tagliere
d'Oro to MARMOMACC Fair**

2nd October

15.15 – 15.30h Registration of the participants

15.30 – 15.45h Opening (DNV)

**15.45 – 17.30h Interpretation of the results of
geophysical data acquisition** (CTM, AITEMIN,
MIRO)

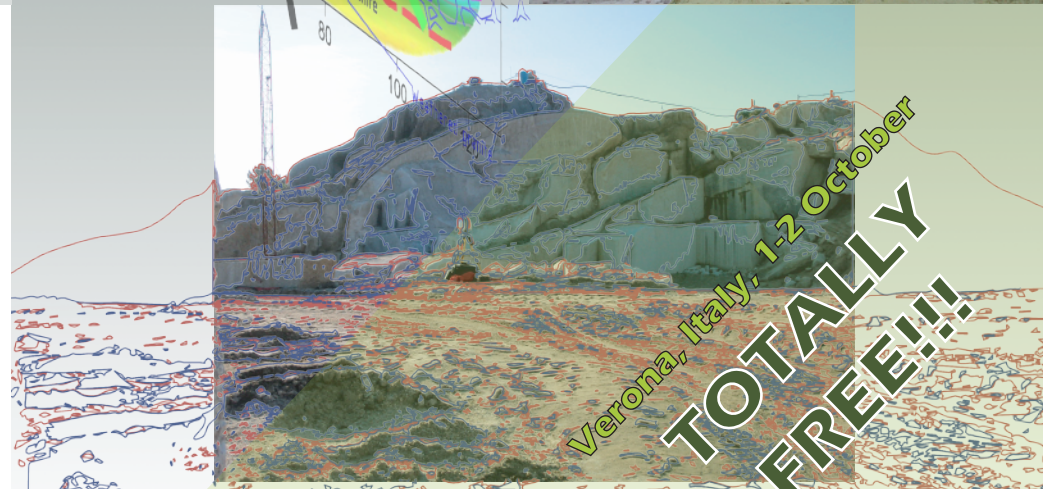
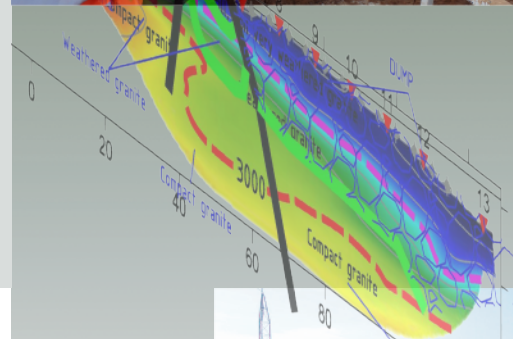
- Brief description of the geophysical methods
used in the SUSTAMINING Project.
- Real study cases: PENIDO (Granite), HITUSA
(Dolostone) and GHIRARDI (Limestone) quarries.
- Main advantages/disadvantages of each
geophysical technique.
- Utility / applicability in different natural stone
quarries.
- SUSTAMINING expected benefits. Calculation of
the Quality Indexes.

17.30 – 17.50h Colloquium / Questions



**Development of a new tool / methodology of natural stone quarrying
taking into account the quality and control requirements by using
non-destructive geophysical methods.**

**TRAINING COURSE
ABOUT THE SELECTIVE
AND SUSTAINABLE
EXPLOITATION OF
ORNAMENTAL STONES
BASED ON DEMAND**



**TOTALLY
FREE!!!**
Verona, Italy, 1-2 October



There is no registration fee to attend this training course. The registration will be open until 30th September or until all vacancies are completed. The training course material, the trip to the quarry site and the refreshments at the coffee break and the lunch on 1st October will be free of charge for the participants. Please, fill your contact data below at the EUROROC Stand of the MARMOMACC Fair or send the following data by email before 30th September to office@euroroc.net

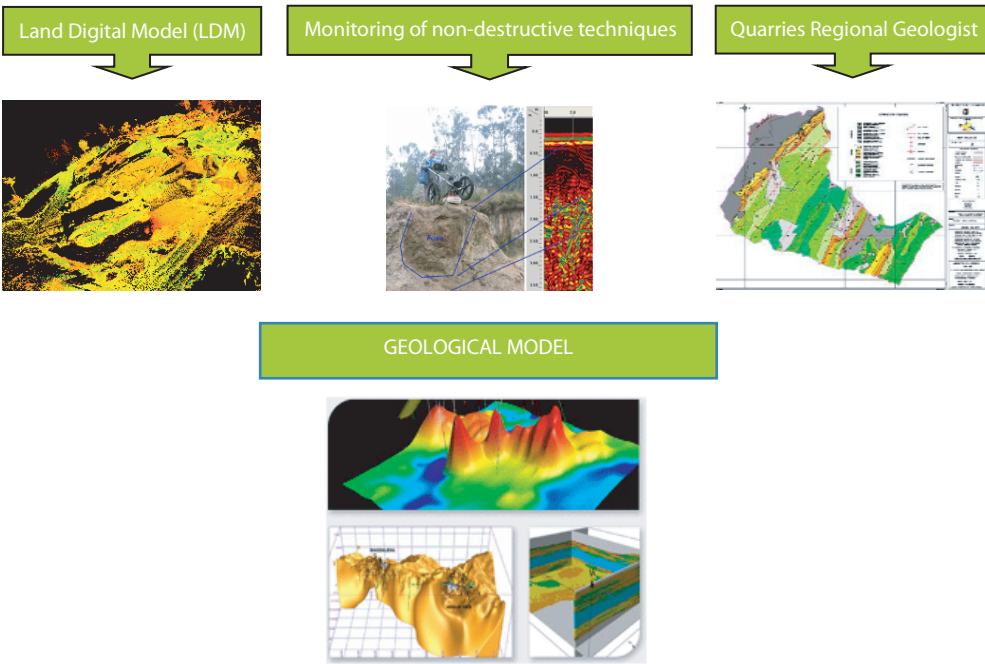
First name..... Surname.....

Profession..... Enterprise or Study centre.....

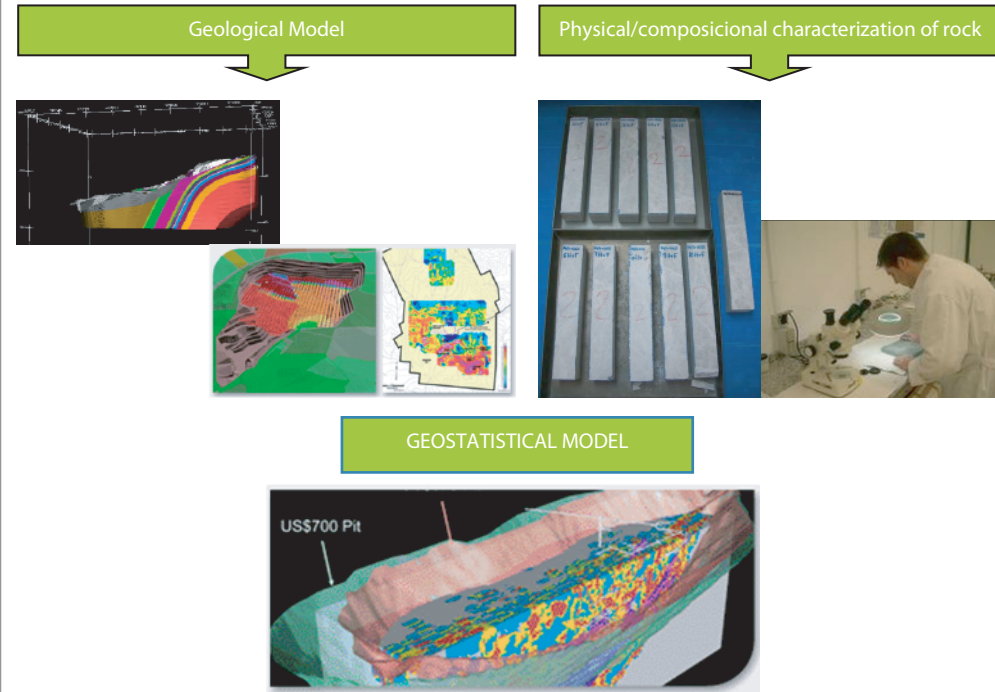
Phone..... Email.....

SCHEME OF THE PROJECT METHODOLOGY

Phase 1: Obtainment of the Geological Model of the quarry (LDM + Geophysical measurements + geological data).



Phase 2: Obtainment of Geostatistical model of quarry (Geological Model + Laboratory data).



Phase 3: Obtainment of Quality Indexes (and methodological guide for quarrying).

