



URBAN GEOLOGY EXPERT GROUP

2ND BIENNIAL MEETING

24TH-26TH OCTOBER 2022
ISPRA CONFERENCE ROOM - ROME

AGENDA

MONDAY 24TH OCTOBER

09:30 - Registration

10:00 - Welcome (Host & Co-chair **Francesco La Vigna**, ISPRA National EGS Delegate **Luca Guerrieri** ISPRA)

Short presentation of all participants (Chair **Guri Venvik**, NGU)

- Updates from EuroGeoSurvey
- Minutes and actions from previous meeting (**Guri Venvik**, NGU)
- Orientations on World Urban Forum (**Grzegorz Ryzynski**, PGI)
- Geological Surveys of Europe (GSEU) update - Who are participating from the UGE group, and in which WP?

11:30 - Coffee break

12:00 - UPDATES FROM THE SCIENCE TOPIC AREAS:

TOPIC 1: **GeoCIM and 3D models** (**Mickael Beaufils**, **Hilkka Kallio**)

Presentation by **Jan Jelenek** (GCZ) on Pilot GeoCIM, interactive web-viewer on two separate technologies, one commercial, and one open-source (10 min)

TOPIC 2: **Urban Catchments** (**Francesco La Vigna**)

The main activity of this topic is the URBAN GEO FOOTPRINT tool development. Wednesday will be devoted to this topic so there will be just a brief introduction/update about the activity and speak about possible incoming news. Details on the tool will be shown during the last day's workshop.

TOPIC 3: **Geoscience Communication** (**Beatriz Mozo**, **Jan Jelenek**)

13:00 - Lunch at ISPRA canteen

14:00 - UGEG activities - Factsheets, present and discuss. (**Beatriz Mozo**, GSI)

Topics; Radon, Geo- Energy (shallow and deep), Geology & extreme climate events, Infiltration; surface water-groundwater (SuDS)
Work in groups to finalize (?) the factsheets on the selected topics

15:30 - Coffee break

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- 16:00** - Discuss how to finalize delivery of Factsheets, set a deadline.
Discuss if this is a working form and delivery that we as a group should continue?
- 16:30** - **ROUND TABLE** - news/events/opportunities (all)
- EGU in Vienna 2023, 23-28 April - Session on Urban Geology "From boreholes to digital twins: The opportunities and challenges in Urban subsurface in the next 10 years".
Organize an UGEG webinar (similar to BIM) for non-geology background people.
 - Collaboration with ITACUS and ISOCARP - contact persons; **Petr Salak** (ITACUS Board Member) and **Olivier Vion** (Executive Director at ITA).
Good occasion to spread our Urban Geology message for broader audience.
- 17:00** - Brief introduction about field trip of the following day
- 17:30** - End of activities
- 20:00** - **Social dinner (restaurant to be chosen)**

TUESDAY 25TH OCTOBER

URBAN-GEOLOGY FIELD-TRIP THROUGHIN ROME CITY

08:00 - Underground "MetroB" station "Eur Fermi"

All day long Urban Geology field trip organized and managed by ISPRA Team.

Needed comfortable shoes (steel capped shoes – MANDATORY TO ACCESS TO BUILDING SITES) and dressing, and a personal flashlight. Transportation and light lunch provided by ISPRA.

End approximately 5:30 p.m.

Remember for fieldtrip: Comfortable shoes, SAFETY STEEL CAPPED SHOES (MANDATORY) that will get dirty and will be changed during the path, and a flashlight.

No planned dinner.

WEDNESDAY 26TH OCTOBER

URBAN GEO FOOTPRINT Meeting - Transmitted online to a wider audience

09:00 - Introductory speech and greetings

09:10 - UGF tool presentation

09:30 - UGF tool details

09:45 - UGF results example on some Italian cities

10:00 - **Coffee break**

10:30 - 13:00 - Presentations of case studies of EU and extra EU cities

13:00 - Closing speech showing all cities' UGF results.
Questions and discussion.

13:30 - End of the workshop and UGEG activities

Possible lunch at ISPRA canteen