



UNIUNEA EUROPEANĂ



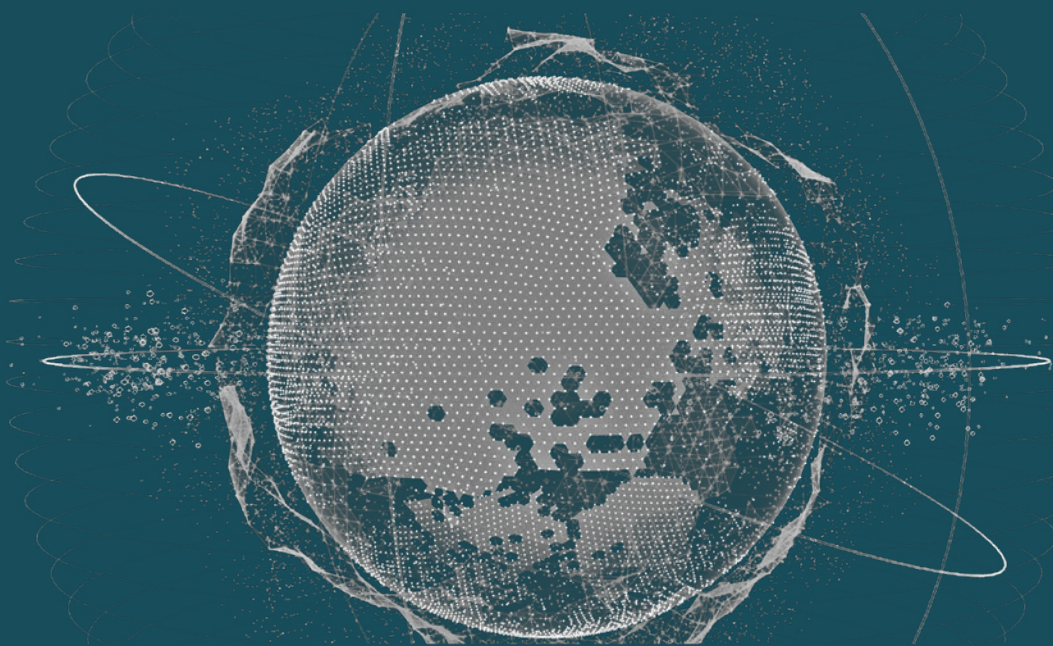
SERVICII TEMATICE INTEGRATE ÎN DOMENIUL OBSERVĂRII PĂMÂNTULUI

- O PLATFORMĂ NAȚIONALĂ PENTRU INOVARE -

setting.epos-ro.eu



Proiect cofinanțat din Fondul European pentru Dezvoltare Regională (FEDR) prin Programul Operațional Competitivitate 2014-2020



PROGRAM

JOI

9/11

REGISTRATION

08:30 - 09:00

**WELCOME
PARTICIPANTS**

09:00 - 09:30

Dr. Florina TULUCA

President of the Romanian Society of Applied Geophysics
(SGAR)

Dr. Constantin IONESCU

General Director of the National Institute for Earth Physics
(INFP)

Prof.Dr. Radu VĂCĂREANU

Rector of the Technical University of Civil Engineering
Bucharest (UTCB)

Vlad RĂDULESCU

National Institute for Research and Development of Marine
Geology and Geoecology – GeoEcoMar

Viorel VULTURESCU

Ministry of Research, Innovation and Digitalization (MCDI)

SESSION 1

09:30 - 11:15

**“SETTING - INTEGRATED
THEMATIC SERVICES
IN THE FIELD OF EARTH
OBSERVATION: A
NATIONAL PLATFORM
FOR INNOVATION”**

**Speakers: Dragoș TĂTARU¹, Bogdan GRECU¹, Eduard
NĂSTASE¹, Dragoș TOMA-DANILĂ¹, Alex ȚIGĂNESCU¹,
Alexandru ALDEA²**

¹ National Institute of Earth Physics;

² Technical University of Civil Engineering Bucharest

Project objectives and
results

JOI

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COFFEE BREAK

11:15 - 11:45

SESSION 2

“SETTING - INTEGRATED
THEMATIC SERVICES
IN THE FIELD OF EARTH
OBSERVATION: A
NATIONAL PLATFORM
FOR INNOVATION”

Research User Cases

11:45 - 13:30

A COMPACT MOBILE SEISMIC NETWORK USING
WIRELESS SEISMIC UNITS FOR VARIOUS GEOPHYSICAL
INVESTIGATIONS

Authors: Bogdan GRECU¹, Andreea TOLEA¹, Dragoș TĂTARU¹,
Eduard NĂSTASE¹, Eduard NECULA¹, Andrei E. MIHAI¹,
Bogdan CERBU¹, Alex ȚIGĂNESCU¹, Dragoș TOMA-DANILĂ¹

¹ National Institute of Earth Physics;

UNCONVENTIONAL SENSORS AND NEW TECHNOLOGY
INTEGRATION IN SETTING FRAMEWORK FOR THE
MONITORING OF ACTIVE TECTONICS AND GEODYNAMICS OF
THE ROMANIAN TERRITORY

Authors: Eduard NĂSTASE¹, Irina-Marilena STANCIU²,
Dragoș TĂTARU¹, Vlad RĂDULESCU², Alexandra MUNTEAN¹

¹ National Institute of Earth Physics;

² GeoEcoMar

J01

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MULTI-DATA INTEGRATION IN NEAR-SURFACE GEOPHYSICS AND CLOSE RANGE REMOTE SENSING APPLIED TO CULTURAL HERITAGE, CHIAJNA MONASTERY STUDY CASE

Authors: Eduard NĂSTASE¹, Alexandru ȚIGĂNESCU¹, Dragoș TOMA¹, Bogdan CERBU¹, Alexandra GEREA¹, Andrei MIHAI, Dragoș TĂTARU¹, Bogdan GRECU¹, Eduard NECULA¹

¹ National Institute of Earth Physics;

BROADBAND CHARACTERISTICS OF THE QUARRY BLASTS AT SUSENI (ROMANIA) EXPLOITATION SITE FROM TEMPORARY AND PERMANENT SEISMIC STATIONS' RECORDINGS

Authors: Natalia POIATA¹, Dragoș TĂTARU¹, Bogdan GRECU¹, Eduard NĂSTASE¹, Dragoș TOMA-DĂNILA¹

¹ National Institute of Earth Physics;

AN INVESTIGATION OF VERTICAL RESPONSE SPECTRA OF GROUND MOTIONS FROM VRANCEA SEISMIC SOURCE

Authors: Florin PAVEL¹, Alexandru ALDEA¹, Radu VĂCĂREANU¹, Cristian ARION¹

¹ Technical University of Civil Engineering Bucharest

LUNCH BREAK

13:30 - 14:30

on behalf of SETTING for registered participants

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EXPOSITION DEMO HOURS

14:30 - 16:00

Live demonstration of earth and build infrastructure scanning equipment and data processing software

ROUND TABLE

14:30 - 16:00

only EPOS members representatives & guests

Conveners:

Dragoș TĂTARU (INFP) & Florina TULUCA (UB-FGG)

Guest list & speakers' affiliation:

- ▲ **National Institute for Earth Physics (INFP)**
- ▲ **Technical University of Civil Engineering Bucharest (UTCB) National Institute for Research and Development of Marine Geology and Geoecology – GeoEcoMar**
- ▲ **Romanian Academy Institute of Geodynamics (IG-AR) Faculty of Geology and Geophysics, University of Bucharest (FGG-UB)**
- ▲ **Geological Institute of Romania (IGR)**
- ▲ **National Institute for Research and Development in Constructions, Urban Planning and Sustainable Spatial Development (URBAN-INCERC)**
- ▲ **Romanian Society of Applied Geophysics (SGAR)**

“SETTING - INTEGRATED THEMATIC SERVICES IN THE FIELD OF EARTH OBSERVATION: A NATIONAL PLATFORM FOR INNOVATION” ONSITE ACTIVITIES

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SESSION 3

“SETTING - INTEGRATED THEMATIC SERVICES IN THE FIELD OF EARTH OBSERVATION: A NATIONAL PLATFORM FOR INNOVATION”

Discovering, analyzing, and visualizing data using the SETTING platform

ICEBREAKER & NETWORKING

WALKING TOUR

EXPO AREA

16:00 - 17:30

THE VIRTUAL LABORATORY

a tool for organizing the flow of collecting, analyzing, processing, and visualization of specific data and products - a training tool

HANDS-ON SETTING PORTAL

Research user cases and guided feedback collection

17:30 - 18:30

on behalf of ESRI, SETTING, and SGAR for registered participants

18:00 - 19:30

**BUCHAREST AND EARTHQUAKES
(ORGANIZED BY INFP)**

11:30 - 18:00

During the event, an expo area will be available for the participants during the coffee break and networking moments. Research tools and processing software will be exhibited at the stands, as well as information about case studies in which they were used and the results obtained.



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