

Day 1 - Monday 16 March

12.00 - 13.30	Arrivals and registrations	
13.30 - 15.00	Welcome lunch	
Introducing EPOS This session is connected to EPOS ON activities in WP1 and WP6		Session Chair: <i>Gaetano Festa</i>
15.00 - 15.30	Introducing EPOS and the EPOS Days	<i>Gaetano Festa</i>
15.30 - 15.40	Event values and housekeeping info	<i>Federica Tanlongo</i>
Thematic Core Services This session is connected to EPOS ON activities in WP2		Session Chair: <i>Gaetano Festa, Otto Lange, Helen Glaves</i>
15.40 - 16.50	Flash presentations from the TCS	
<p><i>Candidate TCS Built Environment Data (BED)</i></p> <p>TCS AH in 2025 dissemination, education and RI development</p> <p>Geomagnetic and geoelectric data</p> <p>Geological Information and Modeling</p> <p>GNSS Data and Products</p> <p>TCS Multi-scale laboratories: status quo and future plans</p> <p>Exploring Active Fault Processes with High-Resolution Observations</p> <p>TCS Satellite Data: Mission and Perspectives</p> <p>Beyond Access: Scaling Up the Integrated Seismological Backbone of EPOS</p> <p>TCS Tsunami: Two Years on a Boat</p> <p>TCS-VOLC at the EPOS Days</p>		<p><i>Rui Pinho (Candidate TCS BED)</i></p> <p>Anna Lesnodorska (TCS AH)</p> <p>Roman Leonhardt (TCS GEOM)</p> <p>Marc Urvois (TCS GIM)</p> <p>Paul Crocker (TCS GNSS)</p> <p>Kirsten Elger (TCS MSL)</p> <p>Alexandru Marmureanu (TCS NFO)</p> <p>Michele Manunta (TCS SATD)</p> <p>Angelo Strollo (TCS SEIS)</p> <p>Andrey Babeyko (TCS TSU)</p> <p>Giuseppe Puglisi (TCS VO)</p>
16.50 - 18.15	Meet & Greet with the TCS – <i>networking session with coffee and refreshments</i>	
18.15 - 18.30	Brief reports by rapporteurs, with highlights & results from the discussions	<i>Otto Lange, Helen Glaves and ECRs</i>

Day 2 - Tuesday 17 March

New Services and New Communities

This session is connected to EPOS ON activities in WP2

Session Chairs: *Rossana Paciello, Otto Lange, Jan Michalek*

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| 9.00 - 9.15 | Welcome and introduction of the day's agenda | <i>Lilli Freda</i> |
| 9.15 - 9.30 | EPOS ON WP2: Achievements during project first period | <i>Otto Lange, Jan Michalek</i> |
| 9.30 - 9.45 | Integrating the EuroGeographics Maps into the EPOS Platform | <i>Kety Giuliacci, Manuela Sbarra</i> |
| 9.45 - 10.00 | Ground Instability data from Field Laboratories: a new opportunity for EPOS through the TCS MSL | <i>Salvatore Martino</i> |
| 10.00-10.15 | Development of a European Quantum Infrastructure for Gravimetry | <i>Sebastien Merlet</i> |
| 10.15-10.30 | Muography | <i>Jari Joutsenvaara</i> |
| 10.30-10.50 | The European and global data landscape in Geochemistry | <i>Marthe Klocking</i> |
| 10.50-11.00 | <i>Q&A and interactive discussion</i> | |

11.00 -11.45 Coffee break

Societal Impact and Responsible Research Infrastructures

This session is connected to EPOS ON activities in WP3

Session Chairs: *Fabrizio Romano, Antonio Scala*

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| 11.45-12.00 | EPOS ON WP3: Achievements during project first period | <i>Fabrizio Romano</i> |
| 12.0 -13.00 | Scientific products exploitable in evidence-based decision making – introduction | <i>Giovanna Forlenza</i> |
| 12.00-12.15 | Next-Generation Earthquake Early Warning: From Public Alerts to Multi-Hazard Integration | <i>Antonio Scala, Alexandru Marmureanu</i> |
| 12.15-12.30 | An Integrated Tsunami Impact Assessment Workflow within ARISTOTLE: A Collaborative Use Case for Emergency Management | <i>Finn Løvholt</i> |
| 12.30-12.45 | Rapid Earthquake Impact Assessment: Understanding Uncertainty from Source and ShakeMap Variability | <i>Helen Crowley</i> |
| 12.45-13.00 | Operational ShakeMap Services: Applications and Societal Impact | <i>Ilaria Oliveti</i> |
| 13.00-13.15 | The Ethical Label to identify ethical and social implications of project outputs | <i>Silvia Peppoloni</i> |
| 13.15-13.30 | <i>Q&A and interactive discussion</i> | |

13.30-15.00 Lunch break

Early Career Researchers

This session is connected to EPOS ON activities in WP4

Session Chairs: *Helena Ciechowska, Fernando Monterroso*

15.00-16.45 Challenges presented by Early Career Researchers - *Flash presentations*

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| Seismic hazard assessment in a low seismicity region: the case of NE Brazil | <i>Augusto Fonseca - IG-PAS (AH)</i> |
| Near and intermediate fields influence on seismic moment for anthropogenic events | <i>Anna Tyminska - IG-PAS (AH)</i> |
| Integrating structural engineering experimental data in EPOS via the Built Environment Data (BED) cTCS | <i>Madalena Ponte - LNEC (BED)</i> |
| Understanding and mitigating the effects of earthquakes | <i>Davit Shahnazaryan - EUCENTRE (BED)</i> |

Geomagnetic Activity: Data and Visualization

Building the MT Dataset: Sofia Basin

TCS Geomagnetic Observations, A Mineral Exploration Use Case

Access to multidisciplinary geoscience data over transboundary study areas:
connecting Digital Earth VRE to EPOS Platform

An Exploratory Study of GNSS Jamming Detection Using EPOS Data

Improving Offset Accessibility

Where land meets sea: A field-scale laboratory for understanding coastal
landslides

Assessing permanent compaction in sandstone reservoirs

Evaluating NITRO's EEWS readiness

Ambient Noise Interferometry for Shallow Structure Characterization at the
Irpinia-NFO

Microseismicity characterization at the Irpinia Near Fault Observatory

DAS potential for Early Warning within Near Fault Fiber Optic Networks

Record selection for seismic microzonation studies in Campi Flegrei area: local
ground motion features and analysis challenges

Automatic Processing of Strong Motion Accelerometer Recordings for
Earthquakes in Greece

Linking kinematic simulations to ground-motion variability across frequency and
space

Enhancing GMPE Development with Ground Motion Simulations: An Application
for Istanbul

Uncertainty propagation from seismic sources in PTHA

Submarine Landslide & Generated Tsunamis: Scenario based hazard assessment

From PTHA to Probability of Safe Evacuation: An Agent-Based Modelling Use
Case for EPOS ICS-D

Enhancing Access to Volcano Observation Data

Retrieval of volcanic sulfur dioxide from Sentinel-5P TROPOMI satellite

Semi-Supervised Learning applied to multi-source satellite data for volcanic
activity state classification: The case of Etna (2005-2008)

Patrick Arneitz - GeoSphere
(GEOM)

Dilyana Hristova - NIGG
(GEOM)

Oskar Rydman - LTU (GEOM)

Maxime Labatut - BRGM (GIM)

Fikri Bamary - ORB (GNSS)

Ruben Carvalho - UBI (GNSS)

Guglielmo Grechi - UniRoma1
(MSL)

Mark Jefferd - UU (MSL)

Simone Francesco Fornasari -
University of Trieste - NFO
NITRO (NFO)

Sara Moscaritolo - Università di
Napoli - NFO Irpinia (NFO)

Francesco Scotto di Uccio -
Università di Napoli - NFO
Irpinia (NFO)

Claudio Strumia - Università di
Napoli - NFO Irpinia (NFO)

Tommaso Castelbarco -
Università di Milano - INGV
(SEIS)

Nikos Chatzis - AUTH (SEIS)

Marta Freddi - Università di
Camerino - INGV (SEIS)

Hakan Suleiman - Boğaziçi
University (SEIS)

Alice Abbate - GFZ (Tsunami)

Naveen Ragu Ramalingam -
NGI (Tsunami)

Saeed Soltani - Università di
Napoli (Tsunami)

Alessio Patanè - INGV (VO)

Maddalena Dozzo - INGV (VO)

Francesco Spina - INGV (VO)

17.00 - 18.30 Works presented by Early Career Researchers - *Posters & networking, with coffee and refreshments*

19.30 - 22.00 - Social Dinner

Day 3 - Wednesday 18 March

International Collaboration

This session is connected to EPOS ON activities in WP5

Session Chairs:

Joao Fonseca, Helen Glaves

9.00 - 9.20	Welcome and introduction of the day's agenda	<i>Lilli Freda</i>
09.20 - 09.45	Building a global network for the solid Earth research	<i>Helen Glaves, Federica Tanlongo</i>
09.45-10.00	Strengthening Morocco's Integration into EIDA	<i>Oussama Arab, Mohamed Mastere</i>
10.00-10.15	EPOS collaboration with GEM and GTM – potential services and licencing models for both research and commercial use	<i>Finn Løvholt, Helen Crowley</i>
10.15 - 10.45	Report from the ARGONAUT network: collaboration perspectives among global NFO infrastructures	<i>The ARGONAUT team</i>
10.45 - 11.00	EPOS and EOSC: where are we and who are we working with?	<i>Alessandro Turco</i>
11.00 - 11.45	Coffee break	
11.45 - 12.00	Leveraging Copernicus to build domestic capacity for resilience in Africa	<i>Luca Rossi, UN</i>
12.00 - 12.15	Africa-EPOS Synergy: Co-Developing Open-Source Frameworks for EO Data and Disaster Resilience	<i>Mohamed El Gabri, ADMIR</i>
12.15 - 12.30	The Copernicus In-Situ Component	<i>Lorenzo Solari, European Environment Agency</i>
12.30 - 12.45	The Einstein Telescope Project and EPOS ERIC: The Way Forward	<i>Monique Bossi, INFN</i>
12.45 - 13.30	Interactive discussion	
13.30 - 15.00	Lunch break	

Free afternoon – Cagliari walking tour

Day 4 - Thursday 19 March

Technical Challenges, Opportunities and Solutions

This session is connected to EPOS ON activities in WP2, WP3, WP4, and WP5

Session Chairs: *Jan Michalek, Rossana Paciello*

09.00 - 09.15 Welcome and Introduction of the day's agenda

Lilli Freda

09.15 - 09.30 Platform introduction and context

Daniele Bailo

09.15 - 10.20 New features in the EPOS Platform

09:30 - 09.40 New features in Graphical User Interface

Mario Malintesta

09.40 - 09.50 New features in Virtual Research Environment

Valerio Vinciarelli

09.50 - 10.10 New Features in Action: Scientific Use Case

Jan Michalek

10.10 - 10.20 EPOS Open Source in Practice

Marco Salvi

10.20 - 10.30 How FAIR are we? The EPOS FAIR Assessment

Kety Juliacci

10.30 - 11.00 User Feedback Group - *Report of findings and discussion*

Emma Baiz,

George Donoso

11.00 - 11.45 Coffee break

11.45 - 12.45 Integrating ICS-D into a Unified Data and Computational Platform

Daniele Bailo

12.45 - 13.30 *Interactive discussion*

13.30 - 15.00 Lunch break

EPOS in the National Landscapes

This session is connected to EPOS ON activities in WP6

Session Chairs:

Maria Fredella, Daniela Mercurio

15.00 - 16.10 National Implementations: success stories from national experiences

Daniela Mercurio, Maria Fredella

15.00 - 15.10 Introduction and context

Daniela Mercurio

15.10 - 15.25 NFDI4Earth / Germany

Wolfgang zu Castell

15.25 - 15.40 Epos-France & Data Terra, ... towards EPOS ERIC and beyond

Alessandro Rizzo

15.40 - 15.50 EPOS-IT / Italy: Ten years on

Roberto Basili

15.50 - 16.00 EPOS-HR in Its First Phase: Structure, Challenges, and Opportunities

Clea Denamiel

16.00 - 16.10 EPOS-ES: Strengthening the Spanish Geoscience Community through EPOS

Adelina Geyer

16.10 - 16.45 Coffee break

16.45 - 18.30 Introducing the Forum on National Participation, discussion with the community

Daniela Mercurio, Maria Fredella

16.45 - 17.00 Introducing the Forum on National Participation

Daniela Mercurio

17.00 - 18.30 Interactive discussion

18.30 - 19.30 National Authorities Consultation Board (NACB) meeting – Closed Session

Day 5 - Friday 20 March

Introducing the EPOS Data Policy

Chair: Daniela Mercurio

09.00 - 09.30 Welcome and Introduction of the day's agenda

Lilli Freda

09.30 - 09.40 Introduction and context: the EPOS Policy WG and the new EPOS Data Policy

Daniela Mercurio

09.40 - 09.50 Founding values and EU legal framework

Helen Graves

09.50 - 10.10 The EPOS Data Lifecycle

Rossana Paciello

10.10 - 10.20 Data security and protection

Federica Tanlongo

10.20 - 10.30 Intellectual Property Rights

Mario Locati

10.30 - 11.00 Q&A from the audience - *Interactive discussion*

11.00 - 11.45 Coffee break

Conclusions and vision towards the future

Chair: Lilli Freda

This session is connected to EPOS ON activities in all workpackages

11.45 - 12.30 Conclusions from the EPOS Days

Conclusions from the TCS and new communities sessions

Gaetano Festa,
Otto Lange

Conclusions from the ECR session

Helena Ciechowska,
Fernando Monterroso

Conclusions from International Collaboration session

Helen Graves,
Joao Fonseca

Conclusions from the National Clusters' session

Daniela Mercurio, Maria
Fredella

Event wrap-up and way forward

Lilli Freda

12.30 - 13.00 Future outlook - *Interactive discussion*

13.00 End of sessions

14.30 - 18.30 Service Coordination Committee meeting – Closed Session