

# ITINERIS

## 3rd Project Meeting

25-26 Settembre 2025  
Sala Convegni CNR - Roma

### Programma



# tabella di contenuti

giovedì 25 settembre 2025 .....	1
Registrazione partecipanti .....	1
Saluti istituzionali .....	1
Apertura lavori: stato del progetto e focus del meeting .....	1
Session 1: Presentazioni dei Work Package .....	1
Lunch break with catering buffet .....	1
Session 2: Short oral presentations .....	1
Coffee break .....	2
Session 2: Short oral presentations .....	2
venerdì 26 settembre 2025 .....	4
Session 3: Short oral presentations .....	4
Coffee break .....	4
Session 3: Short oral presentations .....	5
Session 4: Impatti, stakeholder, sfide e prospettive future – Tavola rotonda .....	5
Lunch break with catering buffet .....	5

# giovedì 25 settembre 2025

**Registrazione partecipanti - Sala Convegni CNR (09:30 - 10:30)**

**Saluti istituzionali - Sala Convegni CNR (10:30 - 10:40)**

- Presentatore: PETRACCHINI, FRANCESCO (DIRETTORE DSSTTA - CNR)

**Apertura lavori: stato del progetto e focus del meeting - Sala Convegni CNR (10:40 - 10:55)**

- Presentatore: PAPPALARDO, GELSOMINA (CNR)

**Session 1: Presentazioni dei Work Package - Sala Convegni CNR (10:55 - 13:30)**

time	[id] title	presenter
10:55	[101] WP1 – Coordination And Management	GARGANO, GIUSEPPE (CNR)
11:10	[102] WP2 – Access To Facilities, Fair Data And Related Services	CORNACCHIA, CARMELA (CNR)
11:30	[103] WP3 – ITINERIS Training Programme	BASSET, ALBERTO (CNR)
11:50	[104] WP4 – Atmosphere	MONA, LUCIA (CNR)
12:10	[105] WP5 – Marine Domain	SANTOLERI, ROSALIA (CNR)
12:30	[106] WP6 – Terrestrial Biosphere	PAPALE, DARIO (CNR)
12:50	[107] WP7 – Geosphere-Landsurface	ROSSI, GIULIANA (CNR)
13:10	[108] WP8 – Virtual Research Environments and cross-disciplinary activities	PROVENZALE, ANTONELLO (CNR)

**Lunch break with catering buffet - Sala Convegni CNR (13:30 - 14:30)**

**Session 2: Short oral presentations - Sala Convegni CNR (14:30 - 16:00)**

*Questa sessione prevede brevi presentazioni orali da parte di ricercatori, tecnologi, tecnici e collaboratori coinvolti nel progetto ITINERIS. Tali presentazioni offriranno una panoramica concisa delle attività e dei risultati significativi realizzati nel progetto, rappresentando un'opportunità per la condivisione delle conoscenze e la promozione della discussione all'interno della comunità ITINERIS.*

time	[id] title	presenter
14:30	[39] RIs as knowledge-sparkling environment among the Ecosystems of Territorial Cohesion strategy: a study case about the social impact of the ITINERIS Project	RUSSO, CORRADO
14:35	[64] Semantic Interoperability in Environmental Sciences: insights from ITINERIS	MURESAN, ALEXANDRA NICOLETA
14:40	[74] ITINERIS–ACTRIS Pilot Access Program: Enhancing Scientific Collaboration through Coordinated National and European Infrastructure Access	RICCIARDI, FRANCESCA
14:45	[77] FAIR convergence analysis across ITINERIS Research Infrastructure	INGROSSO, GIANMARCO
14:50	[81] The ITINERIS Catalogue: Unifying Environmental Resources Across Research Infrastructures	SAGANEITI, LUCIA
14:55	[98] Advancing User-Centered Strategies for Integrated Environmental Research Infrastructures: The ITINERIS Approach	LOPERTE, SIMONA
15:00	[42] Ecological effects of mitochondrial dysfunction in pancreatic cancer	BRAMATO, Grazia

15:05	[14] Assessing Outdoor Thermal Comfort through Microclimatic Modeling: A Case Study in Lecce (Italy)	GIANGRANDE, Francesco
15:10	[15] On the discrimination between volcanic ash and desert dust leveraging photometer and depolarization lidar measurements	PAPAGIANNOPOULOS, NIKOLAOS
15:15	[17] Experimental activities at ChAMBRé	VERNOCCHI, VIRGINIA
15:20	[22] Characterization of volatile organic compounds in two urban sites in the Italian Po Valley: Milan and Bologna	ZANNONI, NORA
15:25	[29] A lifetime effort at Cimone to understand the black carbon climatology through observations and modelling	ZANATTA, MARCO
15:30	[30] Aerosol Characterization Through Combined Depolarization and Fluorescence Lidar Observations at CIAO	DEROSA, BENEDETTO
15:35	[32] 3D scanning atmospheric - marine LIDAR	GIULIANO, GIOVANNI
15:40	[33] Comparison of Online and Offline XRF Techniques for Atmospheric PM10 Measurement	DELUCA, Giuseppe
15:45	[40] Integrating remote sensing and in-situ measurements to assess the impact of PBL dynamics on air pollution in Milan, Po valley (Italy)	PERFETTI, Camilla
15:50	[47] High time resolution measurements of equivalent black carbon in an urban background site of Italy	CESARI, DANIELA
15:55	[49] Unraveling the Synergistic Impact of Anthropogenic and Biogenic Emissions on New Particle Formation: Evidence from the CERN CLOUD Chamber	PIGNATELLI, Alessia

### **Coffee break - Sala Convegni CNR (16:00 - 16:30)**

### **Session 2: Short oral presentations - Sala Convegni CNR (16:30 - 18:00)**

**Questa sessione prevede brevi presentazioni orali da parte di ricercatori, tecnologi, tecnici e collaboratori coinvolti nel progetto ITINERIS. Tali presentazioni offriranno una panoramica concisa delle attività e dei risultati significativi realizzati nel progetto, rappresentando un'opportunità per la condivisione delle conoscenze e la promozione della discussione all'interno della comunità ITINERIS.**

time	[id] title	presenter
16:30	[52] Analysis And Characterization Of Wind Circulation In A Central Mediterranean Site During Heatwave event	GANDOLFI, Ilaria
16:35	[53] Tracing Carbon in the Sky: CO <sub>2</sub> and CH <sub>4</sub> Isotope Signatures under Dust and Fire Events at the POT Station, Part of the CIAO Observatory (CNR-IMAA)	ZACCARDO, ISABELLA
16:40	[54] Tracking the source: first evaluation of benzothiazoles in airport non-exhaust emissions	MAZZI, Giovanna
16:45	[62] Non-refractory submicron aerosols in the Po Valley: Sources, vertical transport, and chemical composition from measurements at Bologna (54 m a.s.l.) and Mt. Cimone (2167 m a.s.l.) within AirPoDynamic	RAPUANO, Marco
16:50	[70] The ACTRIS in-situ aerosol National Facility at CIAO: Advancing integrated ground-based atmospheric observations	CARDELLICCHIO, Francesco
16:55	[73] Comparison of reference upper-air GRUAN and homogenized RHARM data with GNSS-RO	MARRA, FABRIZIO

17:00	[76] Enhanced atmospheric observation capacity of the Seneca III airborne platform	DI LIBERTO, Luca
17:05	[78] Emissions of climate-altering species from open vegetation fires in the Mediterranean region: methods and data review	HUNDAL, Rabia
17:10	[87] Mountain Intercomparison of Radon Analyzers (MIRA)	CAVALIERE, Alice
17:15	[93] Datasets, methodologies and indicators for open-fire emission studies	CALIDONNA, Claudia Roberta D'AMICO, Francesco
17:20	[95] Simultaneous advection of volcanic ash and desert dust in Naples Mediterranean aera	SPINOSA, Salvatore
17:25	[24] The ITINERIS' EYES oceanographic cruise: InTegrating, INnovating, Evolving Research InfraStructures for hEalthY and predicted marine ecosystemS	ORGANELLI, EMANUELE
17:30	[86] The Ocean Sound monitoring Sub-system	SANFILIPPO, Simone
17:35	[58] From project to ocean: First ITINERIS glider-based insights in the Ligurian sea	KOKKINI, ZOI MAGALDI, MARCELLOGATIMU
17:40	[67] Strengthening Long-Term ecological observations in marine and transitional eLTER sites through the ITINERIS project	BERGAMI, CATERINA

## venerdì 26 settembre 2025

### Session 3: Short oral presentations - Sala Convegni CNR (09:00 - 10:30)

**Questa sessione prevede brevi presentazioni orali da parte di ricercatori, tecnologi, tecnici e collaboratori coinvolti nel progetto ITINERIS. Tali presentazioni offriranno una panoramica concisa delle attività e dei risultati significativi realizzati nel progetto, rappresentando un'opportunità per la condivisione delle conoscenze e la promozione della discussione all'interno della comunità ITINERIS.**

time	[id] title	presenter
09:00	[72] Advancing the integration of monitoring and modelling of the physico-chemical and biogeochemical state of the Marano and Grado Lagoon (Italy)	SCROCCARO, Isabella
09:05	[85] Upgrades to the Italian Marine Research Observatory in the Arctic Region	PALADINIDEMENDOZA, FRANCESCO MISEROCCHI, STEFANO AZZARO, MAURIZIO
09:10	[56] From Nets to Imaging: Towards Next-Generation Zooplankton Monitoring in ITINERIS	CAMATTI, ELISA
09:15	[88] IT-IOOS: how to integrate multi-source digital data and their near real time processing for management phases	CACCAVALE, MAURO
09:20	[90] Towards Interoperable Ocean Observations: Demonstrating Cross-Infrastructure Integration in the South Adriatic	CARDIN, Vanessa
09:25	[43] Comparative Analysis of Enterococcus spp. from Conventional and Organic Farms: Impact of Antibiotic Use on AMR Profiles	MALLARDI, Alessandra
09:30	[45] Cross-RI dataset provision of UAV multi platform hyperspectral data and site level measurements over different RI ecosystem sites (eLTER, ICOS, ANAEE) and comparison with satellite products	PANCORBODEONATE, JOSELUIS
09:35	[59] Assisted regeneration of Quercus robur (L.) from laboratory to the field in the Castelporziano Presidential Estate (Roma, Italy)	ZAHER, Nour
09:40	[66] Plant growth-promoting rhizobacteria as a sustainable method to enhance drought tolerance in tomato crop	ATZORI, GIULIA
09:45	[71] DiSSCo-ITINERIS: Digitizing Foraminiferal Collections for Biodiversity and Environmental Monitoring in the Mediterranean	DONOFRIO, ROBERTA
09:50	[79] Mobilising biodiversity data: results and outputs	CECCHI, Lorenzo
09:55	[83] A vegetation survey on woody species encroachment of abandoned pastures in the Alps	FERRARIS, Daria
10:00	[91] Monitoring of GHGs fluxes at "Le Viote" alpine peatland (Italy) by smart chamber system in a climate change context.	RUBRIANTE, Laura
10:05	[13] Enhanced workflows and algorithms for rock mass characterization: the Passo della Morte test site	BENI, Tommaso
10:10	[20] Scientific drilling infrastructure: improved access and progress in digital archiving of samples and data	FONSECA, Julia
10:15	[26] Advances in Seismic Risk Assessment of the city of Potenza (Southern Italy)	GANGONE, GIOVANNI

### Coffee break - Sala Convegni CNR (10:30 - 11:00)

**Session 3: Short oral presentations - Sala Convegni CNR (11:00 - 12:00)**

**Questa sessione prevede brevi presentazioni orali da parte di ricercatori, tecnologi, tecnici e collaboratori coinvolti nel progetto ITINERIS. Tali presentazioni offriranno una panoramica concisa delle attività e dei risultati significativi realizzati nel progetto, rappresentando un'opportunità per la condivisione delle conoscenze e la promozione della discussione all'interno della comunità ITINERIS.**

time	[id] title	presenter
11:00	[27] A Distributed System for Near Real-Time Forecasting of Shallow Landslides at Regional Scale	MASI, Elena Benedetta
11:05	[28] Integrated Geophysics and Data Science for Soil Moisture Characterization and Hydrogeological Risk Assessment in Urban and Peri-Urban Areas	MARTINO, Luigi
11:10	[35] Parallel implementation of Time-Domain airborne SAR focusing	EUILLADES, Jorge A.
11:15	[37] 3D subsurface imaging from UAV-based GPR and magnetic data.	BARONE, ANDREA
11:20	[38] Strengthening of the geophysical facility PiTOP for seismic characterization and monitoring purposes in the ECCSEL-ERIC consortium	ROSSI, Giuliana
11:25	[41] Fiber-optic seismic and geodetic monitoring network of Friuli Venezia Giulia: implementation and first results from the ITINERIS project	CHIAPPETTA, Giuseppe Davide
11:30	[12] The VRE Carbon and related research	VAGLIOLAURIN, GAIA
11:35	[19] Downstream VRE: Land and Marine domain toolboxes	FRANCESCHINI, Rachele
11:40	[46] A Virtual Research Environment-based analysis of the influence of atmospheric circulation types on seasonal carbon fluxes in a Mediterranean beech forest	COSTAFREDA AUMEDES, SERGI
11:45	[57] First data from CO2 fluxes from glacier forelands: data access and analysis through the CZ VRE	GENNARO, SIMONA
11:50	[60] ISOTOPE STUDIO: A FAIR-Compliant VRE for Harmonized Isotope Data and Modelling within the ITINERIS Framework	DI GIUSEPPE, PAOLO
11:55	[63] Enhancing Aerosol characterization through a Virtual Research Environment	LAPENNA, EMILIO

**Session 4: Impatti, stakeholder, sfide e prospettive future – Tavola rotonda - Sala Convegni CNR (12:00 - 13:30)**

**Il programma dettagliato della sessione sarà comunicato prossimamente.**

**Lunch break with catering buffet - Sala Convegni CNR (13:30 - 15:00)**