

# Geostatistical harmonisation of large environmental and climate datasets for the AMELIA platform: inter-spoke coordination and first results

Workshop Grins (Growing Resilient, INclusive and Sustainable)

Codice progetto: PE00000018 – PNRR – M4C2 Inv. 1.3

Date: 15 March 2024

Place: Room 16, Università degli studi di Bergamo, Via dei Caniana 2, 24127 Bergamo BG

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## Program of the day:

12:30 – 13:00: Alessandro Fassò and Silvio Vismara, Università degli studi di Bergamo –

Welcome – Opening session

13:00 – 14:00: Lunch

14:00 – 16:00: Contributions from research units

Chair: Alessio Pollice

- 14:00 – 14:20: Alessandro Fusta Moro, Università degli studi di Bergamo – An application of the FRK model for the harmonisation of air quality data
- 14:20 – 14:40: Alessandro Fassò, Università degli studi di Bergamo – Air quality data for AMELIA: use of HDGM or FRK?
- 14:40 – 15:00: Piercesare Secchi e Andrea Gilardi, Politecnico di Milano – Geostatistical problems at the border between Spoke 0 and Spoke 7
- 15:00 – 15:20: Sonia Sorbona, Politecnico di Milano – Accessibility to services: transition from point data to areal statistics
- 15:20 – 15:40: Vuong Pham & Luigi Salvati, Università Ca' Foscari – Consolidation of environmental and climate datasets for water quality risk assessments
- 15:40 – 16:00: Stefania Renna, CMCC – CLAQC v1.0 – Country Level Air Quality Calculator. An empirical modelling approach

16:00 – 16:30: Coffee break

16:30 – 18:00: Discussion – A shared geostatistical approach for environmental and climate datasets in Amelia

18:00: Workshop Closure

19:00: Social dinner

Official language is English

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Public attendance is permitted upon email request to [alessandro.fustamoro@unibg.it](mailto:alessandro.fustamoro@unibg.it) Local Organising Committee: Alessandro Fassò, Alessandro Fusta Moro, Jacopo Rodeschini, Andrea Moricoli, Haroon Shaukhat.