



Italy- Rwanda joint workshop on
“Landslide Early Warning Systems”

Room “Volterra”
CNR headquarter, Piazzale Aldo Moro 7
00185 Rome, Italy

Scientific Committee

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<http://www.irpi.cnr.it>



<https://www.wfp.org>



<https://www.minema.gov.rw/>

Outline: existing landslide early warning system and the related activities (LEWS) developed in Italy by CNR IRPI (the Institute for Geo-Hydrological Research of the National Research Council), and in Rwanda, by the Ministry in Charge of Emergency Management (MIMEMA), will be described and discussed. Such systems, devoted to the forecast of rainfall induced landslides, are pre-operational or operational and produce at regular intervals daily or sub-daily forecasts about the likelihood of landslide occurrence throughout the country. Contributions to the workshop will describe the systems, their current state of operations, their input and output and their stakeholders.

PROGRAMME

Day 1, Monday December 1st
CNR headquarter
Piazzale Aldo Moro 7, Rome

<https://teams.microsoft.com/meet/35797756718376?p=QDdvl5TciqgXlqKAef>

9:00 - 9:30	Participants arrivals
9:30 - 9:45	“Welcome and introduction to the meeting” by Dr. Mauro Rossi, CNR IRPI
9:45 - 10:00	“Round of introductions:” by participants
10:00 - 10:30	“Presentation of the CNR Department of Earth System Sciences and Technologies for the Environment and activities in Africa” by Dr. Francesco Petracchini, CNR DSSTTA
10:30 - 11:00	Break - Visit to CNR exhibition “Antarctica – The White Continent – 40 years of Italian research”
11:00 - 11:30	“Landslide rainfall threshold models: data collection” by Stefano Luigi Gariano, CNR IRPI
11:30 - 12:00	“A framework for territorial landslide early warning systems” by Mauro Rossi, CNR IRPI
12:00 - 12:30	“Live demonstration of SANF/SARF systems” by Ivan Marchesini, CNR IRPI
12:30 - 13:00	“Q&A session and discussion
13:00 - 14:30	Lunch
14:30 - 15:00	“Monitoring of impacts of geo-hydrological instability phenomena on major/strategic public works and linear infrastructures” by Daniele Giordan, CNR IRPI
16:00 – 16:30	Break
16:30 - 17:00	MIMEMA presentations
20:30	Dinner

Day 2, Tuesday December 2nd
Visit at National Functional Centre of Civil Protection
DPC, Via Vitorchiano 2, Rome

- 9:00 - 10:00 "Welcome and introduction" by DPC
- 10:00 - 10:30 "The Italian National Civil Protection" by Giulio Fancello, Giovanni Valgimigli, Filippo Cadamuro
- 10:30 - 11:00 "Emergency decision and coordination chain of the Italian Civil Protection Department" by Francesco Luciani
- 11:00 - 12:00 "Monitoring and warning systems at National Civil Protection Centre" by Vittorio Bosi (DPC)
- 12:00 - 13:00 "Visit at the national multi-risk functional centre" by Antonella Morgillo (DPC)
- 13:00 - 14:00 Lunch
- 14:00 - 15:00 "Marche region Civil Protection Centre" by Gabriella Speranza and Marco Lazzeri, Regione Marche
- 15:00 - 16:00 "Sardinia region Civil Protection Centre" by Daniela Salvatore Cinus and Daniela Pani, Regione Sardegna
- 16:00 - 17:00 Round table/Discussion/Q&A
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Day 3, Wednesday December 3rd
WFP headquarter
Via Cesare Giulio Viola 68, Parco de' Medici, Rome

- 9:00 - 13:00 WFP visit
- 13:00 - 14:30 Lunch
- 14:30 - 17:00 Discussion on follow up and future collaboration opportunities
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Information: scientific committee contacts

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Organizing committee

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Data/Date

01-03 December 2025

Luogo/Location

Day 1 - Room "Volterra" CNR headquarter, Piazzale Aldo Moro 7, Rome

Day 2 - DPC, Via Vitorchiano 2, Rome

Day 3 - WFP headquarter, Via Cesare Giulio Viola 68, Parco de' Medici, Rome