

# Knowledge as the Key to Protection

**CNR Day at Italy Pavillon 2025.09.19**

**10:00 – 10:20 Opening and Institutional greetings**

- Mario Vattani (Commissioner General for Italy at EXPO 2025 Osaka)
- Francesco Petracchini (Director of the Department of Earth System Sciences and Technologies for the Environment of CNR)
- Lidia Armelao (Director of the Department of Chemical Sciences and Materials Technology)
- Maria Elena Martinotti (Head of Institutional Affairs at the Department of Earth System Sciences and Technologies for the Environment of CNR)
- Gianluigi Serianni (Scientific Attaché of the Embassy of Italy in Tokyo)

**10:25 – 10:30 SIGNING OF THE CNR-JAMSTEC MEMORANDUM OF COOPERATIONS**

**10:35 – 11:20 Panel: Marine Research Infrastructures and International Cooperation**

- "Towards an Integrated Understanding of the Ocean and the Earth: JAMSTEC's Research and Development" (Shuichi Kodaira - JAMSTEC (Executive Director))
- "From the Mediterranean to the World: CNR's Marine Infrastructure for Global Ocean Research" (Giuseppe Magnifico - CNR Research Infrastructure Office (Director))

*Q&A SESSION*

**11:25 – 12:30 Panel 1: BIODIVERSITY**

- "Biodiversity: a European and Japanese cultural perspective on memory" (Diego Fontaneto - CNR IRSA & Jotaro Urabe - Macroecology Lab, Graduate School of Life Sciences, Tohoku University)

*PANEL DISCUSSION*

- "Preserving Nature's Memory: Biosynthesis and Bioprospecting Through the Lens of Biodiversity" (Angelo Fontana CNR ICB (Director) & Toshiyuki Wakimoto, Hokkaido University)

*PANEL DISCUSSION*

**12:35 – 13:20 Panel 2: SEAS AND OCEANS**

- “Fisher’s Memories: Stories That Tell of Ecological Change” (Ernesto Azzurro – CNR IRBIM & Takehito Yoshida – Tokyo University & Mayumi Fukunaga – Tokyo University)

*PANEL DISCUSSION*

**13:20 – 14:20**

**LIGHT LUNCH & ARTISTIC VIDEO**

**14:25 – 14:30**

**SIGNING OF THE CNR-TSUKUBA UNIVERSITY MEMORANDUM OF UNDERSTANDING**

**14:35 – 15:20**

**Panel 3: POLAR REGIONS**

- “Arctic Observations” (Tommaso Tesi CNR ISP & Takashi Kikuchi – JAMSTEC)
- “Antarctic Drilling” (Chiara Venier CNR ISP & Ayako Abe-Ouchi – Tokyo University & Kenji Kawamura – National Institute of Polar Research)

*PANEL DISCUSSION*

**15:25 – 16:10**

**Panel 4: CLIMATE CHANGE**

- “The International Skynet network for solar radiation studies: a Japan and Italian collaboration since 80’s “... and Amaterasu emerged out of a cave bringing sunlight back to the Universe”” (Francesco Cairo on behalf of Monica Campanelli CNR ISAC & Kazuma Aoki– University of Toyama/Promotional Activity Network Coordination-SKYNET)
- “GRUAN: Reference network for climate monitoring: Uncertainty is the key!” (Domenico Cimini CNR IMAA & Masatomo Fujiwara – GRUAN Co-Chair / Hokkaido University)

*PANEL DISCUSSION*

**16:15 – 17:20**

**Panel 5: NATURAL RISKS AND DEEP EXPLORATION**

- “Memory as a tool for risk mitigation” (Alessandro Pasuto – CNR IRPI & Paola Salvati – CNR IRPI & Taro Uchida– Tsukuba University & Masaru Kunitomo – Director General SABO Department, MLITT & – Shinichi Kusano – Former Director General SABO Department, MLITT & Hiroyuki Ohno – Japan Sabo Association)

*PANEL DISCUSSION*

- “Deep exploration for understanding Earth’s dynamic processes” (Marco Cuffaro – CNR IGAG & Yasuhiko Ohara – Hydrographic and Oceanographic Department of Japan / Nagoya University / JAMSTEC)

*PANEL DISCUSSION*

**17:25**

**FINAL DISCUSSION AND CLOSING**

**17:30 – 18:00**

**END of the Day & ARTISTIC VIDEO**

Panel Discussion Moderators: Angelo Volpi (CNR liaison office in Brussels) and Marino Hiraoka (Professor at Department of Environment and Sustainability Mukogawa woman’s University).