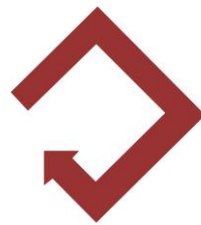




Ferrara Fiere Congressi – 18th – 20th September 2019



REMTECH EXPO



General Program

18 SEPTEMBER WEDNESDAY 9.30-13.00

General States of Geology. Surveys, interpretation and monitoring of the subsoil. By National Council Geologists and Ispra (I part)

Chairmanship: GeoSismica, Esonda, ClimeTech Scientific Committee

National Conference on Water Resources management and Climate Changes. Role and perspectives of Hydraulic Consortia

Chairmanship: Massimiliano Fazzini of University of Camerino, Mauro Monti of Consorzio di Bonifica Pianura Ferrara, Filippo Maria Soccodato of Alta Scuola

18 SEPTEMBER WEDNESDAY 14.30-17.30/18.00

General States of Geology. Surveys, interpretation and monitoring of the subsoil. By National Council Geologists and Ispra (II part)

Chairmanship: GeoSismica, Esonda, ClimeTech Scientific Committee

Hydraulic risk management and Hydraulic Consortia Awards

Chairmanship: Franco Dalle Vacche and Mauro Monti, Consortium of Pianura Ferrara

National Conference on Seismic Risk. From risk management to prevention: the Sisma Bonus

Chairmanship: Filippo Toso of ArchLiving and Gianluca Loffredo, GeoSismica Scientific Coordinator

Recovery of the Architectural heritage for the redevelopment of the City

Chairmanship: Francesco Alberti, Public Works and Maintenance Director of Finale Emilia Municipality

19 SEPTEMBER THURSDAY 9.30-13.00

General States of Territorial Engineering. Diagnostic, monitoring, hydrogeological risk, hydraulic works, hydraulic and seismic risk. Position Paper Presentation. Geomatica Award (I Part)

Chairmanship: Francesco Cartolano, Italian Railway Network RFI, Gianluca Loffredo GeoSismica, Scientific Chairmanship, Filippo Maria Soccodato, Alta Scuola

19 SEPTEMBER THURSDAY 14.30-17.30

General States of Territorial Engineering. Diagnostic, monitoring, hydrogeological risk, hydraulic works, hydraulic and seismic risk. Position Paper Presentation. Geomatica Award (II Part)

Chairmanship: Francesco Cartolano, Italian Railway Network RFI, Gianluca Loffredo GeoSismica, Scientific Chairmanship, Filippo Maria Soccodato, Alta Scuola

20 SEPTEMBER FRIDAY 9.30-12.30/13.30

Day of the Civil Protection Department. IT-Alert Innovative platform of National Allert System (I Part)

Chairmanship: Stefano Fait of Provincia Autonoma of Trento, Emilio Iannarelli of Civil Protection Department, Cosimo Versace of CIMA Foundation, Filippo Maria Soccodato of Alta Scuola

National Conference on Mitigation, Adaptation and Resilience to Climate Changes. Technologies, Climate Services, Environment and Health

Chairmanship: Massimiliano Fazzini and Carlo Bisci, University of Camerino

National Round comparison Tables on post-earthquake reconstructions: Emilia Romagna region, Central Italy, Campania (Ischia) and Sicily regions (Etna). Toward a text for reconstruction (I Part)

Chairmanship: Flavio Monosilio of Ance Nazionale, Gianluca Rusconi of Confindustria Emilia Romagna

20 SEPTEMBER FRIDAY 13.30/14.30 -17.00/18.00

Day of the Civil Protection Department. IT-Alert Innovative platform of National Allert System (II Part)

Chairmanship: Stefano Fait of Provincia Autonoma of Trento, Emilio Iannarelli of Civil Protection Department, Cosimo Versace of CIMA Foundation, Filippo Maria Soccodato of Alta Scuola

I-STORMS Project National Network Conference

Coordinated by Arpae Emilia Romagna

National Round comparison Tables on post-earthquake reconstructions: Emilia Romagna, Central Italy, Campania (Ischia) and Sicily (Etna). Toward a text for reconstruction (II Part)

Chairmanship: Flavio Monosilio of Ance Nazionale, Gianluca Rusconi of Confindustria Emilia Romagna

followed by

Innovative seismic risk mitigation technologies for strategic buildings, tanks, silos and aqueduct towers

Chairmanship: Antonio Tralli, Emeritus Professor of Univerisy of Ferrara e Nicola Massaro, Ance Nazionale

Innovative technologies for seismic risk reduction in constructions. Activities and results of research project *Chairmanship of TIRISICO project*

The Environmental and Civil Protection Journalist. Risk Perception, Disclosure and Communication. How to defend from fake news

Chairmanship: Francesco Di Costanzo, SocialPA

With the sponsorship of:



18 SEPTEMBER WEDNESDAY
9.30 – 13.00 e 14.30-17.30

GENERAL STATES OF GEOLOGY. SURVEYS, INTERPRETATION AND MONITORING OF THE SUBSOIL

By National Council Geologists and Ispra (1 part)

Chairmanship: GeoSismica, Esonda, ClimeTech Scientific Committee

Chairmanship: **Vincenzo Giovine** Vice President CNG

Greetings:

Francesco Peduto President of Geologists National Council

Paride Antolini President of Emilia Romagna Geologists Association

Fabio Tortorici President of CNG Center Studies Foundation

Michael Neumann Vice-president of Geologists' European Federation

Stefano Laporta President of ISPRA

Donato Carlea President of LL.PP. High Council

Piero Farabollini Overtime Commissary of Quake Reconstruction - 2016

Mauro Coltorti President of 8th Permanent Commission (Public works, communications), (Public works, communications), Republic Senate

Sergio Costa Minister of Environment and Safety of the Land and the Sea

Introduction to the technical desk

Pietro Antonio De Paola Past President of Geologists National Council

| Table Geology, University and Jobs | | |
|------------------------------------|--------------------------|--|
| 1 | | Moderator: ALESSANDRO REINA - COUNCILOR CNG |
| 1 | Mirocle Gino Crisci | Director of University of Calabria |
| 2 | Luigi Carmignani | Geotechnology Centers – University of Siena |
| 3 | Matteo Berti | Department of Biologic, Geologic and Environmentally Science – University of Bologna |
| 4 | Giandomenico Fubelli | National University Council – University of Torino |
| 5 | Floriana Pergalani | Polytechnic of Milano |
| 6 | Sandro Conticelli | President of Geologic Italian Society |
| 7 | Francesco Maria Guadagno | Department of Science and Technology – University of Sannio |
| 8 | Ruggiero Quarto | Member of 13 th Permanent Commission (Territory, Environment, Environmental welfare) - Senate |
| 9 | Francesco Peduto | President of Geologists National Council |
| 10 | Emanuele Tondi | Geology Sector – University of Camerino |
| 11 | Paolo Mazzoleni | Department of Biologic, Geologic and Environmentally Science - University of Catania |

| Table 2 | Georesources and Geo risks | Moderator: LORENZO BENEDETTO – COUNCILOR CNG |
|----------------|-----------------------------------|--|
| 1 | Piero Farabollini | Extraordinary Member of Quake Reconstruction - 2016 |
| 2 | Meuccio Berselli | General Secretary Authority of district basin of Po river |
| 3 | Carlo Civelli | President of Geologists Council of Liguria |
| 4 | Marco Petitta | Earth Science Department – University of Roma, Sapienza |
| 5 | Riccardo Martelli | President of the Geologists Council of Toscana |
| 6 | Carlo Doglioni | President of Geophysics and volcanology National Institute |
| 7 | Adriana Cavaglià | National Councillor of Geologists |
| 8 | Pietro Zangheri | Geologist Freelancer – Water Resource Commission |
| 9 | Salvatore Micillo | Undersecretary of Environmental State |
| 10 | Endro Martini | President of "Alta Scuola" – Umbria Region |
| 11 | Flavio Galbiati | Meteorologist |
| 12 | Valerio Comerci | Department for Geologic Service of Italia - ISPRA |

| Table 3 | Geology and Public Bodies | Moderator: PAOLO SPAGNA - COUNCILOR CNG |
|----------------|----------------------------------|--|
| 1 | Marco Amanti | Department for Geologic Service of Italia - ISPRA |
| 2 | Francesco Marchese | Italferr SpA – Group Italian Railroads of the State |
| 3 | Giacomo Marchetti | Director of Arpa Marche |
| 4 | Salvo Puccio | Chairmanship of the Office of the Government Commissioner against the Hydrogeological in Sicilia |
| 5 | Serena Majetta | Dirigent of ANAS |
| 6 | Maurizio Gorla | CAP Holding S.p.A |
| 7 | Luca Martelli | Geologic Sismic Service and of the Territory - Regione Emilia Romagna |

| Table 4 | Geology and Development | Moderator: ARCANGELO FRANCESCO VIOLO - SECRETARY CNG |
|----------------|--------------------------------|---|
| 1 | Donato Carlea | President of High Council LL.PP. |
| 2 | Erasmus D'Angelis | General Secretary of the Authority of River Basin District of Italia Centrale |
| 3 | Italo Giulivo | Management for the public Works and for the Civil Protection |
| 4 | Antonello Fiore | President of the Italian Society of Environmental Geology |
| 5 | Giuseppe Mandaglio | Geologist Freelancer |
| 6 | Eros Aiello | GeoTechnology Center – University of Siena |
| 7 | Franco Ortolani | Member 12 th Permanent Commission (Territory, Environment, Environmental welfare) - Senate |

| | | |
|----|--------------------|---|
| 8 | Mauro Coltorti | President of the 8 th Permanent commission (Public works, communications) – Senate |
| 9 | Fabio Staffini | Geologist Freelancer |
| 10 | Alessandro Trigila | Department for Geological Service of Italia - ISPRA |

Table

| 5 | Geology and Companies | Moderator: DOMENICO ANGELONE - TREASURER CNG |
|----|-----------------------|---|
| 1 | Italo Cipolloni | President of ANISIG – National Association for Enterprises specialized into Imprese Specialized into Geognostic Surveys |
| 2 | Donatella Pingitore | President of A.L.I.G. – Association of Engineering and Geotechnical Lab |
| 3 | Calogero Schembri | Director of Miniera |
| 4 | Paolo Cerutti | ANIPA – National Association of Hydrogeology and Wells for water- Water Resources Commission bCNG |
| 5 | Tatiana Bartolomei | President of the Geologists Association of Veneto |
| 6 | Gianmarco Lucchini | AD-AECOM SPA |
| 7 | Alessandro Bratti | General director of ISPRA |
| 8 | Federica Paglietti | INAIL |
| 9 | Tommaso Mascetti | Councillor of CNG |
| 10 | Daniele Lanzarone | ENI |

Table

| 6 | Geologists in the World | Moderator: VINCENZO GIOVINE - VICE PRESIDENT CNG |
|---|-------------------------|--|
| 1 | Roberto Troncarelli | President of Geologists Association of Lazio |
| 2 | David Govoni | Geologist Freelancer |
| 3 | Giovanni Falaschi | Geologist Freelancer |
| 4 | Gabriele Ponzoni | General Secretary of Geologists European Federation – National Council of Geologists |
| 5 | Fabio Granitzio | Geologist of the Extractives Activities |
| 6 | Silvia Paparella | RemTech Expo |
| 7 | Guido Peli | Geologist Freelancer |

WEDNESDAY 18th SEPTEMBER
9.30-13.30

NATIONAL CONFERENCE ON WATER MANAGEMENT AND CLIMATE CHANGES. ROLE AND PERSPECTIVES OF THE HYDRAULIC CONSORTIA

Chairmanship: Massimiliano Fazzini of University of Camerino, Mauro Monti of Consorzio di Bonifica Pianura Ferrara, Filippo Maria Soccodato of Alta Scuola

Moderators: Endro Martini Alta Scuola, Mauro Monti Ferrara Plain remediation Consortium

Greetings

Sergio Costa Minister of Environment and Safety of the Land and the Sea

Stefano La Porta President of the National System of Snpa and President of ISPRA

Paola Gazzolo Assessor of protection of the land and of the coast, civil security and politics about environment and mountains of Emilia Romagna

The growing evolution of heavy rainfalls related to the hydraulic answers of basin

Franco Guiducci President of Minister Council

Invitation report

Chiara Braga Parliamentary Commission about the illicit activities related to the cycle of waste and to illegit environment related to them.

Paola Nugnes Parliamentary Commission about the illicit activities related to the cycle of waste and to illegit environment related to them

United Nations World Report about water resource WWDR 2019

Michela Miletto Unesco

The meteorology and climatology at the service of the operators of the local hydrographic system

Andrea Giuliacci meteorologist

Titolo da definire

Meuccio Berselli Authority of basin distrectual of river Po, General Secretary

Geoelectric monitoring trial in assessment of ground levee vulnerability

Greta Tresoldi, Polytechnics of Milano, **Andrea Certo** LSI Lastem

Facets about di Integrated Planning: Spillways of rivers in San Siro and Municipal Magister in Santa Margherita Ligure (GE)

Alessandro Puppo, Marco Compagnino RINA Consulting SpA

The remediation and re-using of industrial water and groundwater

Gianluca D'Aquila Syndial

SECOND PART – REMEDIATION CONSORTIUM.

Moderators: **Mauro Monti** remediation of Plain of Ferrara and **Massimiliano Fazzini** Scientific Coordinator of Climetech

Regional Act 5/2009 about the reform of the Consortia – 10 years of operations – Results and prospective

Franco Dalle Vacche President of Consortia of Plain remediation of Ferrara

The penetration of the wedge, how consequences for the agricultural and how solution

Giancarlo Mantovani General Director of Consortia of Po Delta and Adige remediation

The evolution of the land. Subsidence and enthusiasm after the climate changes.

Alessandro Bondesan Responsible of Informatic System sector, Geographic's of Consortia of Plain remediation of Ferrara

ROUND TABLE

The climate changes, the transformation of the land. How to interpret the role of remediation Consortium soon and what to expect from agricultural production world.

Moderator: **Mauro Monti** remediation Consortia of Ferrara Plain remediation

Participants:

Marcella Zappaterra Regional Council of the Environmental Commission

Pederzoli/Vincenzi ANBI

Association of the Category in agriculture

Paolo Govoni CCIAA of Ferrara

13,30 Lunch buffet kindly offered by the remediation Plain Consortia of Ferrara

WEDNESDAY 18th SEPTEMBER

14.30 – 17.00

HYDRAULIC RISK MANAGEMENT AND HYDRAULIC CONSORTIA AWARDS

The Consortia of Plain of Ferrara established for the academic year 2018/2019 two Prizes.

Matteo Giari Prize in the name of the General Director of First Circondario Polesine, the Consortia of remediation until 2008. The award is given to a bachelor these, which could be technical and scientific about the water remediation, agricultural techniques, hydraulic risk management and water resource management and exploitation techniques.

Giorgio Ravalli Prize is dedicated to one of the most influential people of the remediation world in Ferrara, the General Director and President of the Second

Giorgio Ravalli award dedicated to one of the most prestigious figures in the world of reclamation in Ferrara, General Manager and President of the 2nd District of Polesine of San Giorgio until 1995.

The award is given to a bachelor these, which must be historical, economic and legal in nature, about water remediation, agricultural techniques, water and soil management and exploitation techniques.

14.30

Greetings and presentation of the Goals of the day

Marco Franchini Director of the Engineering Department of Ferrara

14.45

Thesis awards by the President of the Consortia of Remediation

15.00

Presentation of the awarded thesis

15.15

The hydraulic defense of the territory through prevention and risk forecasting measures

Claudio Miccoli Responsible Manager of Area Reno and Po of Volano Service, Regional Agency for the Security of Territory and Civil Security

15.45

The hydraulic challenge in order to the actual climatic change.

Leonardo Schippa Department of Engineering of the University of Ferrara

16.15

Actions, activities and initiatives related to the management of the Hydraulic Risk in remediation Consortia

Gianni Tebaldi Engine and expert about hydraulic remediation

16.45 -17.00

Conclusions by **Franco Dalle Vacche** President of the remediation Plain Consortia

WEDNESDAY 18th SEPTEMBER

14.30-18.00

**NATIONAL CONFERENCE ON SEISMIC RISK. FROM RISK MANAGEMENT TO PREVENTION:
THE SISMA BONUS**

Moderators: Filippo Toso, ArchLiving e Gianluca Loffredo Scientific Committee GeoSismica

Flavio Monosilio ANCE National

Giancarlo Raggi President of ANCE of Emilia Area Center

Stefano Betti President of ANCE Emilia Romagna Region

Gian Luigi Zaina Vice President of Confindustria Emilia Area Center

Giorgio Lupoi Vice President of OICE

Armando Zambrano President of National Council of Engineer

Marco Zandonà ANCE National

Fabrizio Saveri, Antonio Piciocchi Deloitte

Simone Benassi* Project Leader E-Condominium ENEL

Enzo Castellaneta Presentation of the project RE.SIS.TO Shipping assessment for building vulnerability, Builti

Giovanna Francesca Rettore Seismic: inform and monitor, NrgTech

WEDNESDAY 18th SEPTEMBER

14.30-18.00

RECOVERY OF THE ARCHITECTURAL HERITAGE FOR THE REDEVELOPMENT OF THE CITY

Moderators: Francesco Alberti Responsible of Public Works Service and Maintenance, Finale Emilia Municipality

Introductory greetings

Alberto Bonisoli Minister of the Minister of cultural heritage MIBACT

Enrico Cocchi Regional Agency of Reconstruction of Emilia Romagna

Cristina Ambrosini Soprintendenza Archeologia, Belle Arti and Paesaggio for the Metropolitan City of Bologna and the Province of Ferrara, Modena and Reggio Emilia

1st Part: The reconstruction post events of the architectural heritage

Keoma Ambrogio Chairmanship of Area Sisma, Soprintendenza Archeologia, Belle Arti and Paesaggio for the Metropolitan City of Bologna and the Province of Ferrara, Modena and Reggio Emilia

Deborah Licastro Soprintendenza Archeologia, Belle Arti and Paesaggio of Marche

Restoration, Recovery and Reuse of Constrained Heritage with a view to zero land consumption

William Brunelli Confindustria of Emilia Area Centro

2nd Part: Low-invasive technologies for safety: the sustainability of provisional interventions

Angelo di Tommaso University of Bologna

Giorgio Giacomini G&P INTECH

THURSDAY 19 SEPTEMBER
9.30-13.00 and 14.00-17.30

**GENERAL STATES OF TERRITORIAL ENGINEERING. DIAGNOSTIC, MONITORING,
HYDROGEOLOGICAL RISK, HYDRAULIC WORKS, HYDRAULIC AND SEISMIC RISK (I PART)**

*Chairmanship: Francesco Cartolano RFI, Gianluca Loffredo GeoSismica e
Filippo M. Soccodato Alta Scuola/Esonda*

9.30-11.00

Greetings of the authorities and daily introductions

Donato Carlea President of the High Council of Public Works

Alessandro Bratti General Director of ISPRA

Salvatore Micillo Sub secretary the Ministry of Environment

Award Geomatica 2019 Cerimony

Pasquale Salvatore National Council Surveyors

Territory Engineering Award Ceremony 2019

The inclusion of electrical works in the authorization and post-mortem phases

Eleonora Marchegiani Terna Rete Italia, **Lorenzo Morra** AI Engineering

Indagini, Rilievi e Monitoraggio – Infrastrutture

Moderators: **Gianluca Loffredo** Coordinator of Geosismica Scientific Committee and **Filippo Catalano** Director of DTP Torino RFI

Structural monitoring and diagnostics. Rail bridge applications

Paola Firmi RFI Technical Directorate

Infrastructure and Seismic Risk Invitation Reports

Franco Iacobini RFI Technical Directorate, **Alessandro Rinaldi** RFI Technical Directorate, **Andrea Vecchi** RFI Technical Directorate

EarlyWarning Seismic for rail networks

Iunio Iervolino University Federico II Napoli

11.30-13.00

Natural Risk Management – Infrastructure

Moderators: **Alessandra Zammuto** RFI, **Gianluca Loffredo** Chairmanship of GeoSismica Scientific Committee

An integrated approached for the management of the risk from landslide and flood among the linear structures.

Leonardo Cascini University of Salerno

Procedures and mitigation of hydraulic - hydrogeological failure in RFI
Andrea Demicheli RFI Territorial Direction and Production of Torino

Evolution of valuation and communication techniques of weather-hydrological events
Secondo Barbero ARPA PIEMONTE Region

Focus on the Project RENDIS about the tracking of the operations on the infrastructure works
Daniele Spizzichino, Irene Rischia, Pierluigi Gallozzi ISPRA

Maintenance and tracking of the Railway Bridges in Emilia-Romagna
Stefano Masola FER

To project and manage the infrastructures, how to detect, inspect and monitor them
Maurizio Porcu Codevintec

Satellite InSAR data for infrastructure monitoring: potential and limits

Paolo Ferrari TRE ALTAMIRA

Geophysical investigations for the definition of seismic hazard: the case of Valdobbiadene (tv)
Enrico Farinatti IND.A.G.O.

Systems for the dynamics maintenance of the road infrastructure
Giovanni Fabbrocino *University of del Molise*

AFTERNOON

GENERAL STATES OF TERRITORIAL ENGINEERING. DIAGNOSTIC, MONITORING, HYDROGEOLOGICAL RISK, HYDRAULIC WORKS, HYDRAULIC AND SEISMIC RISK (II PART)

*Chairmanship: Francesco Cartolano RFI, Gianluca Loffredo GeoSismica e
Filippo M. Soccodato Alta Scuola/Esonda*

14.00-15.30

Management of the natural risk - Dams and Plumbing Works

Moderators: Giovanni Ruggeri ITCOLD and *Nicola Moraci* President of AGI

Greetings of the authorities and daily introduction:

Donato Carlea President of the High Council of Public Works

Alessandro Bratti General Director of ISPRA

Salvatore Micillo Sub secretary of the Minister of the Environment
District Authority (tbc)

The Invasive Plan

Ornella Segnalini DG MIT

Action of renovation of the dam daring of Pozzillo (EN)

Girolamo Andrea Cicero ENEL, **Quintilio Napoleoni** Sapienza University of Roma

Static adaptation of the dam of Vulci. To project and realize the dam which was eco-compatibility,

Massimiliano Carcione, Matteo Sbarigia, M.Cristina Bramati ITCOLD/ENEL

Consolidation of Poggia dam

Giuseppe Donghi ITCOLD/EDISON

GRETA Innovative Technology for permanent Geoelectric monitoring of dams and embankments on The Ground

Andrea Certo LSI LASTEM

Static and dynamic monitoring of Scandarello dam in Amatrice

Matteo Sbarigia ITCOLD/ENEL

New techniques of monitoring of the surface displacements of slopes

Paola De Lotto ITCOLD/CESI

16.00-17.30

Natural Risk Management – Infrastructure

Moderators: Francesco Cartolano RFI, *Donatella Pingitore* President of ALIG

Exceptional precipitation and hydraulic failure in the Emilia-Romagna territory

Tiziana Paccagnella ARPA Emilia-Romagna

Installation of radar hydrometers on 30 inadequate bridges in the Territorial Production Directorate of Torino

Gaetano Pitisci, Giuseppe Ricca RFI Territorial Direction and Production of Torino and Piemonte Region, **Marina Parrinello** Municipality of Asti

Flood Directive: update phase of the flow of the Full Project Directive

Luca Franzi Region of Piemonte Soil Protection

Completion of hydraulic adjustment of the bridge to the 72-470 km of the Torino - Modena railway line on the Dora stream of Cesana in Oulx

Claudia Tesei RFI Territorial Direction of Production of Torino

Participation and sharing of flood risk mitigation strategies: the case of Dora Riparia

Antonia Impedovo Region of Piemonte Soil Protection

in collaboration with



Geomatica Award



FRIDAY 20th SEPTEMBER
9.30-13.00 and 14.30-17.00

DAY OF THE OF CIVIL PROTECTION DEPARTMENT. IT-ALERT INNOVATIVE PLATFORM OF THE NATIONAL ALERT SYSTEM

Chairmanship: Stefano Fait of Autonomy Province of Trento, Emilio Iannarelli of Civil Protection Department, Cosimo Versace of CIMA Foundation, Filippo Maria Soccodato of Alta Scuola

Program in progress

FRIDAY 20th SEPTEMBER
09.30 - 12.30

NATIONAL CONFERENCE ON MITIGATION, ADAPTATION AND RESILIENCE TO CLIMATE CHANGES. TECHNOLOGIES, CLIMATE SERVICES, ENVIRONMENT AND HEALTH

Chairmanship: Massimiliano Fazzini and Carlo Bisci, University of Camerino

Introduction at the activities

Massimiliano Fazzini, Carlo Bisci University of Camerino

Opening of the activities

Evolution of the meteorological radar signal for the intensive meteorological phenomena' prevision

Frank Marzano University of Roma Sapienza

Climate services developed by CLARA project

Vittorio Marletto ARPAE

The touristic summer and winter signal related to the Climate Change in Italy
ENIT National Tourism Agency (tbc)

LIFE DERRIS project: reduction of the risks deriving from extreme weather events UNIPOL group
Carlo Pilotti UNIPOL

Moo Lake (PC): a natural archive for the study of the extreme rainfalls variations during the time in the Northern Apennine

Maria Teresa De Nardo, Segadelli Stefano Geologic Service of the Region of Emilia Romagna

Relations between Climate Change, adaptation of the environment and consequences on the human health

Agostino de Ciuala ISDE Italian Association of the Doctors for the Environment

Math's weather and climate models: state of arts

Valerio Lucarini University of Reading (UK)

ISPRA's contribution to Climate Change Adaptation & Resilience improving

Francesca Giordano ISPRA

The instruments of the enterprises for the adaptation's actions to the climate changes: LIFE project

IRIS **Enrico Cancila** ART-ER

The effects of the climate change in Alps

Elisa Palazzi CNR – ISAC, Torino

The Interreg Central ProteCHt2save Project for Risk Assessment and Sustainable Protection of Cultural Heritage in Changing Environment

Alessandro Sardella, Paola De Nuntiis, Carlo Del Grande, Elisa Palazzi Institute of Atmospheric Sciences and Climate, ISAC-CNR

Riccardo Cacciotti, Milos Drdacky Institute of Theoretical and Applied Mechanics of the Czech Academy of Sciences, ITAM

Anna Kaiser, Christian Hanus University for Continuing Education Krems Danube University Krems

Real Time Rainfall Monitoring Based on Broadcasting Satellite Down-Links Analysis: the Pilot Application in the Municipality of Genoa

Matteo Colli University of Genova, Dep. of Electrical, Electronics and Telecommunication Engineering and Naval Architecture (DITEN), **Federico Cassola** Ligurian Environmental Protection Agency (ARPAL), Genoa, Italy

Discussion and conclusion

FRIDAY 20th SEPTEMBER

9.30-13.00 e 14.30-16.00

NATIONAL ROUND COMPARISON TABLES ON POST-EARTHQUAKE RECONSTRUCTIONS: EMILIA ROMAGNA REGIONE, CENTRAL ITALY, CAMPANIA (ISCHIA) AND SICILY (ETNA) REGIONS. TOWARD A TEXT FOR RECONSTRUCTION (I PART)

Chairmanship: Flavio Monosilio of Ance Nazionale, Gianluca Rusconi of Confindustria Emilia Romagna

9.30 – 11-30

Round table (I Part)

Vito Crimi* Sub secretary of the State with delegation to the earthquake

Sen. Questore Paolo Arrigoni* Senator of Republic

Angelo Borrelli* Chief of the National Civil Protection Department

Enrico Cocchi Director of the Reconstruction Agency 2012

Piero Farabollini Commissioner of Reconstruction 2016

Fulvio Maria Soccodato Subject Road Restoration Actuator 2016

Raffaello Fico Director of USRC

Cesare Spuri Director of USR of Marche

Vincenzo Rivera Director USR of Abruzzo

Alfiero Moretti Director of USR of Umbria

Wanda D'Ercole Director of USR of Lazio

Felice Rescigno Commissioner of Reconstruction of Ischia

Commissioner of Reconstruction of Sicilia *

11.45 – 13.00

Barbara Paron Mayor of Vigarano Mainarda Municipality (FE)

Giuliano Ciabocco Mayor of San Ginesio Municipality (MC)

Giovan Battista Castagna Mayor of Casamicciola Municipality (NA)

Salvatore Russo Mayor of Zafferana Etnea Municipality (CT)

Lunch Break and visit to the exposition

14.30 – 16.00

Round Table (II Part)

Francesco Campitiello Genio Civil of Chieti

Silvano Arcamone Demanio Agency

Francesco Mazzucchi Invitalia

Walter Baricchi Architects Order

Armando Zambrano President of the National Council of Engineers

16.30 – 18.00

**INNOVATIVE SEISMIC RISK MITIGATION TECHNOLOGIES FOR STRATEGIC BUILDINGS, TANKS,
SILOS AND ACQUEDUCT TOWERS**

Moderator: Antonio Tralli, Prof. Emerito University of Ferrara

Piezometric turret

Roberto Segala Acquevenete, **Alessandro Nicastro**, **Riccardo Meneghin** Archiving

The vulnerability of the Strategic Buildings

Silvano Arcamone Agency of Demanio

The isolation of the hospital of the sea

University of Napoli

Antiseismic hospitals project

Renco

Software house support

Cosimo Alvaro AIST

Davide De Battisti, **Teodoro Mangone** AIMAG

Armando Cammarata Cassa Depositi e Prestiti

FRIDAY 20th SEPTEMBER

14.30-17.00

I-STORMS PROJECT NATIONAL NETWORK CONFERENCE

Coordinated by Arpae of Emilia Romagna

14.00 Registration

14.30-14.50 Issue of the coast related to strong tides and climate change. Training, risk and adaptation

Sergio Castellari EEA - European Environment Agency

14.50-15.10 The system of Civil Protection and of the management of the coast risk

Carlo Cacciamani Department of National Civil Protection

15.10-15.30 The I-STORMS Project: management of the coast emergency caused by strong tides
Common of Venezia *speaker to be confirmed*

15.30-15.50 Web platform to manage the storminess: I-STORMS products

Christian Ferrarin, **Stefano Menegon e Amedeo Fadini** CNR-ISMAR

16.00-16.20 Coffee Break

16.30-16.50 Guidelines and strategy I-STORMS

Andrea Valentini, Alessandra De Savino Arpae of Emilia-Romagna

16.50-17.10 I-STORMS Network

Municipality of Venezia *speaker to be confirmed*

17.10-17.30 Coastal Exercise of Civil Protection

Municipality of Cesenatico and Agency of Civil Protection in Emilia-Romagna

17.30-18.00 Tidal pressure on coastal, a little conversation with:

Maurizio Mainetti Director of ARSTePC

Monica Guida Responsible of the Service of the Soil Protection, coast and remediation

Giuseppe Bortone General Director of Arpae

Tiziana Paccagnella Responsible Arpae - Idro-Meteo-Clima Structure

Sergio Castellari European Environment Agency

Carlo Cacciamani Responsible of the Center Functional Service, DPC

FRIDAY 20th SEPTEMBER

14.30-17.00

INNOVATIVE TECHNOLOGIES FOR THE REDUCTION OF THE SEISMIC RISK OF BUILDINGS.

ACTIVITIES AND RESULTS OF TIRISCO RESEARCH PROJECT

Coordination group of TIRISICO project

Registration of the participants

14.00 -14.15 Introduction

Claudio Mazzotti Chairman of the Project, CIRI-EC, University of Bologna

14.15 -14.35 C.A. coupled walls and hysterical, shape-optimized sinks for low-damage multi-store prefabricated buildings

Loris Vincenzi En&Tech, University of Modena of Reggio Emilia

14.35 -14.55 Innovative seismic technologies with low damage to wooden structures

Luca Pozza CIRI-EC, University of Bologna

14.55 -15.15 Innovative technologies for wooden lattice structures

Fabio Minghini TekneHub, University of Ferrara

15.15-15.35 CSB Dissipative braces for seismic improvement of existing buildings

Michele Palermo CIRI-EC, University of Bologna

15.35 -15.55 Dissipative connectors for the seismic improvement of precast existing buildings

Nicola Buratti CIRI-EC, University of Bologna

15.55 -16.15 Evaluation of the efficacy of the speech of mitigation of liquefaction by experimenting on site with explosive microloads (Blast Test)

Maria Fernanda Garcia CIRI-EC, University of Bologna

16.15 - 17.00 Round Table: Industrial prospective and applications

With the contribute of relators and industrial partners of TIRISCO project

FRIDAY 20th SEPTEMBER
14.30-18.00

THE ENVIRONMENTAL AND CIVIL PROTECTION JOURNALIST. RISK PERCEPTION, DISCLOSURE AND COMMUNICATION. HOW TO DEFEND FROM FAKE NEWS

Chairmanship: Francesco Di Costanzo, SocialPA

Moderator: SOCIAL PA

Introductory greetings

Battarino Giuseppe Magister of Inquiry on Ecomafia Parliamentary Committee

14.30

The communication of the environmental strategies of the Environmental Ministry

Pietro Cucumile* General secretary. Promoting culture and environmental information, environmental association reports, studies and research

14.50

The sharing of the information of the National System of Environmental Protection Snpa
Cristina Pacciani Responsible of the Press Office of the Presidency Staff of the Higher Institute for Environmental Protection and Research

15.10

The activities of the Special Commissioner for the Reclamation of Illegal Landfills

Mag.CC Alessio Tommaso Fusco Boss of the logistic division, management and communication of the Special Commissioner of the Gen. Giuseppe Vadalà Government

15.30

The perspection of the natural risk as civil prevention instrument

Maurizio Mainetti Director of the civil and land protection Agency of the Region of Emilia Romagna

15.50

The risk communication in the big crisis

Francesca Maffini Journalist

16.10

The Environmental Communication in the Municipality

Eleonora Polacco Boss of Communication of Municipality of Ravenna

16.30

The social media for the Environmental Communication

Francesco Di Costanzo Social PA

Participated Discussion and Shared Reflections

Session Summary and Conclusions