



# European Civil Protection Forum 2018



Civil Protection in a Changing Risk Landscape  
Brussels, 5-6 March 2018 | #EUCivPro



# European Civil Protection Forum 2018

## *"Civil Protection in a Changing Risk Landscape"*

*"It is my great pleasure to welcome you to the 2018 European Civil Protection Forum. This is our opportunity to work together to protect Europe and our Neighbours. This is our way to shape European Civil Protection. I am looking forward to meeting this wide community of decision-makers and practitioners in the next two days."*

*Christos Stylianides, Commissioner for Humanitarian Aid and Crisis Management, European Commission*

The European Civil Protection Forum is the largest recurring public event on European cooperation in the field of civil protection. Since 2003, the conference has brought together the European civil protection community to take stock of achievements, share lessons learnt, and put forward new ideas for tackling common challenges. The conference is also an important tool for strengthening cooperation with Europe's Neighbourhood and other international partners.

Hosted by the European Commission in Brussels, over the past fifteen years "the Forum" has been at the heart of the European policy discussion on civil protection and plugged into the international consensus on disaster risk management and resilience. The 2018 edition takes place at a particularly critical time for reflecting collectively on the current and future role of the Union Civil Protection Mechanism (UCPM), the European framework for cooperation among civil protection authorities. At the end of 2017, the European Commission adopted a new legislative proposal, currently being discussed with the Council and the European Parliament, with a view to strengthen the UCPM by boosting financial support to the existing voluntary pool, by establishing a dedicated reserve of operational capacities at Union level (*rescEU*) as well as reinforced preparedness and prevention measures.



The objectives of the European Civil Protection Forum 2018 are to:

- (i) provide a platform for discussion with stakeholders on pressing policy questions which are likely to shape the future development of the UCPM
- (ii) serve as a sounding board for new ideas and developments in the sphere of civil protection and disaster risk management, including cooperation at EU level and with neighbouring countries beyond 2020
- (iii) facilitate networking, mutual learning and cooperation within the European civil protection community.

The Forum consists of four policy pillars that run in parallel. Sessions under each pillar cover the main issues emerging from the recent evaluation of the UCPM's performance as well as additional analytical work.



This year's Forum positions itself as the ideal platform for reflecting on the current and future role of the UCPM at a time when changes in the global risk landscape are already affecting the mandate of civil protection authorities at local, regional, national and European level. Alongside the Forum, an exhibition taking place in the main conference venue will showcase innovative solutions and good practices supported by the UCPM and its Participating States in the field of disaster risk awareness and communication.

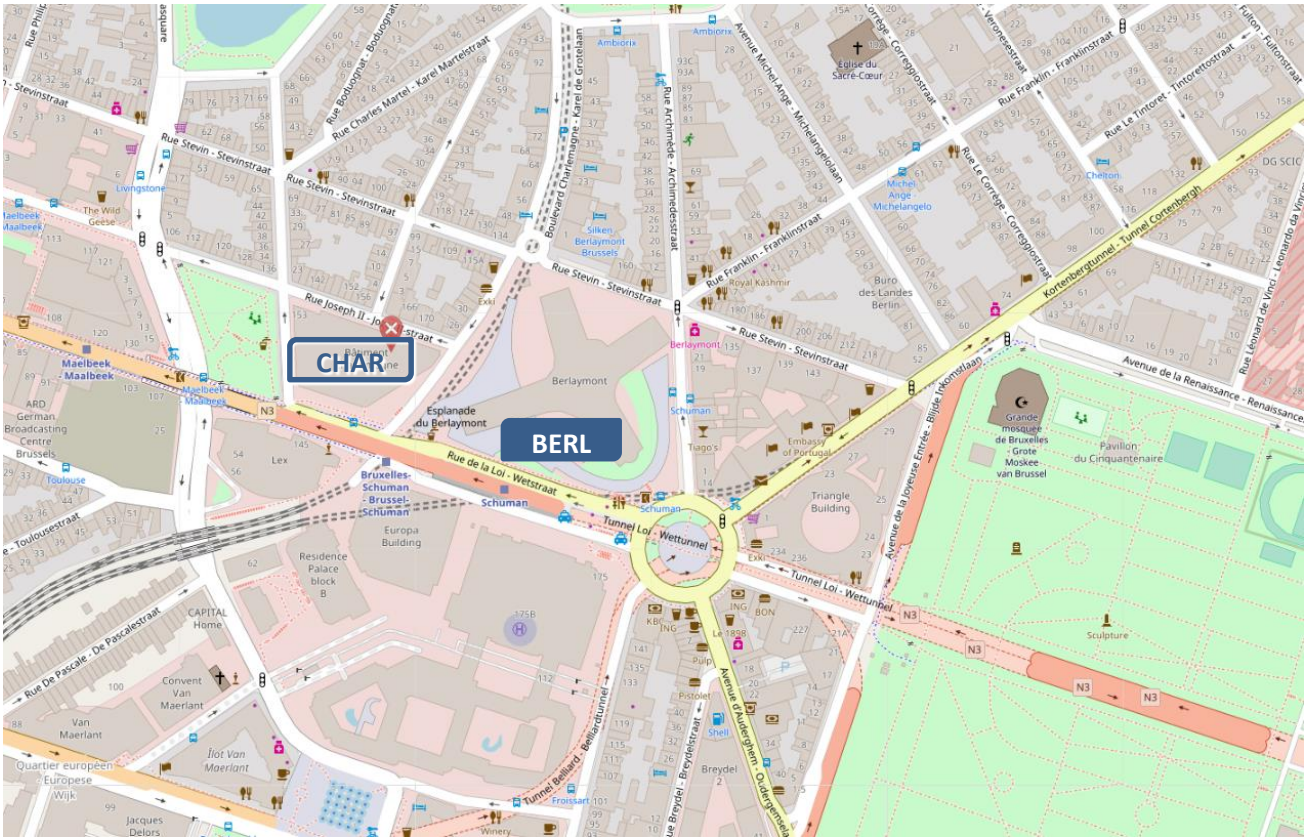
We wish you a productive European Civil Protection Forum 2018 and we look forward to hearing from you!

**DG ECHO Civil Protection Forum Organising Team**

[ECHO-CP-Forum@ec.europa.eu](mailto:ECHO-CP-Forum@ec.europa.eu)



## Conference Venues



**EC Charlemagne Building (CHAR)**  
Rue de la Loi 170, Brussels

**GASPERI room (2<sup>nd</sup> floor)**

**MANSHOLT room (ground floor)**

**JENKINS room (ground floor)**

**Exhibition (2<sup>nd</sup> floor atrium)**

**Speakers' corner (2<sup>nd</sup> floor atrium)**

**Registration desk (ground floor)**

**EC Berlaymont Building (BERL)**  
Rue de la Loi 200, Brussels  
(2 min walk – across the street from the Charlemagne)

**SCHUMAN room (ground floor)**



# Agenda at a glance

as of February 23

## Monday, March 5, 2018 | Charlemagne and Berlaymont Buildings

9.00 - 10.00

CHAR

**Pre-registration of participants and welcome coffee**

10.00 - 12.30

GASPERI

**Roundtable with Local Governments**

**"Scaling up Disaster Prevention: from Local to European level"**

**Welcome Remarks**

**Johannes Luchner**, Director for Emergency Management, Directorate-General for European Civil Protection and Humanitarian Aid Operations, European Commission  
**Olgierd Geblewicz**, Marshall of the West Pomerania Region, Poland

**Panel:**

**Adam Banaszak**, Vice-President of Kujawsko-Pomorskie Regional Assembly, Poland and Rapporteur of Committee of Regions on 'rescEU' Proposal

**Luigi D'Angelo**, Operational Director for Emergency Coordination, Civil Protection Department, Italy

**Kathryn Oldham**, Chief Resilience Officer, Greater Manchester Combined Authorities (GMCA), United Kingdom

**Maria João Telhado**, Technician of the Municipal Service for the Civil Protection, Municipality of Lisbon, Portugal

**Sander Happaerts**, Policy Analyst, Smart and Sustainable Growth Unit, Directorate General for Regional and Urban Policy, European Commission

**Leonard Reinard**, Head of Regional Development Division, European Investment Bank

**Moderator: Nacira Boulehouat**, Head of Disaster Risk Reduction Unit, Directorate-General for European Civil Protection and Humanitarian Aid Operations, European Commission

13.00 - 14.15

CHAR

**Registration of participants (*light lunch will be served*)**

14.30 - 15.30

GASPERI

**Welcome**

**Monique Pariat**, Director-General for European Civil Protection and Humanitarian Aid Operations, European Commission

**Official Opening and Plenary Session I: 'rescEU', solidarity with responsibility**

*Political leadership perspectives on the European Civil Protection*

**Christos Stylianides**, Commissioner for Humanitarian Aid and Crisis Management, European Commission

**Valentin Radev**, Minister of the Interior, Bulgaria

**Elisabetta Gardini**, Member of the European Parliament, Rapporteur of 'rescEU' Proposal for ENVI Committee



15.30 - 15.45

GASPERI

**Inspiring Stories:****"Safer Buildings, Stronger Communities"**

**Speaker: Agostino Goretti**, Senior Earthquake Engineer, Civil Protection Department, Italy

15.45 - 16.15

GASPERI

**Presentation of the 4 Forum Pillars and the Exhibition on Disaster Risk Communication and Awareness**
**Speaker:**

**Monique Pariat**, Director-General for European Civil Protection and Humanitarian Aid Operations, European Commission

16.15 - 17.00

CHAR

Atrium

**Coffee Break / Speakers' Corner open****Speakers:**

**Turgut Erdem Ergin**, Associate Professor, University of Rome Tor Vergata, Italy  
**Jean-Paul Monet**, Head of Quality Management Division, Bouches-du-Rhône Fire Department, France

17.00 - 18.30

**BREAK-OUT SESSIONS**

MANSHOLT

**Pillar#1 Strengthening Preparedness****1. Towards a comprehensive strategy for forest fire preparedness****Panel:**

**Antoine Lemasson**, Head of the Emergency Response Coordination Centre (ERCC), Directorate-General for European Civil Protection and Humanitarian Aid Operations, European Commission

**Elena Hernandez Paredes**, Service Manager at Forest Fire Service, Ministry of Agriculture and Fishery, Food and Environment, Spain

**Luigi D'Angelo**, Operational Director for Emergency Coordination, Civil Protection Department, Italy

**Neven Szabo**, Head of Special Education Centre, National Protection and Rescue Directorate, Croatia

**Uddholm Lars-Göran**, CEO/CFO, Södertörn Fire and Rescue Services Association, Sweden

**Moderator: Angela Iglesias Rodrigo**, Civil Protection and Forest Fires Expert, Directorate General of Civil Protection and Emergencies, Spain

SCHUMAN

**Pillar#2 Simplifying Response****2. Ensuring quality for the European emergency response****Panel:**

**Cecilie Daae**, Director-General for Civil Protection, Norway

**Ian Norton**, Manager of Global EMT Initiative, World Health Organization (WHO)



**David Alvarez Veloso**, Director of Citizen Security and Justice, Union of South American Nations (UNASUR)

**Winston Chang**, Office of the INSARAG Secretariat, Emergency Response Support Branch (ERSB), Coordination Division, Office for the Coordination of Humanitarian Affairs (UNOCHA)

**Moderator: Cristina Brailescu**, Team Leader, Security Union and Response Capacities, Civil Protection Policy Unit, Directorate-General for European Civil Protection and Humanitarian Aid Operations, European Commission

GASPERI

### Pillar#3 Scaling up Prevention

#### 3. Transnational cooperation for effective disaster risk management

**Panel:**

**Angelo Masi**, Professor of Structural Engineering, University of Basilicata, Italy

**Bengt Sundelius**, Strategic Adviser to the Director-General, Swedish Civil Contingencies Agency, Sweden

**Karoly Gombas**, Environmental risks Coordinator, EU Strategy for the Danube Region, Hungary

**Florian Rudolf-Miklau**, Head of Torrent and Avalanche Control Department, Federal Ministry for Sustainability and Tourism, Austria

**Mitja Bricelj**, State Secretary, Ministry of the Environment and Spatial Planning, Slovenia

**Moderator: Paola Albrito**, Chief of Regional Office for Europe, United Nations Office for Disaster Risk Reduction (UNISDR)

JENKINS

### Pillar#4 Fostering Resilience in Europe's Neighbourhood

#### 4. Key elements for making international assistance effective

**Panel:**

**Giovanni de Siervo**, Head of International Relations and Activities Unit, Civil Protection Department, Italy

**Nadejda Chetraru**, Head of Analyses, Planning and Coordination Directorate, Emergency Situations Service, Ministry of Internal Affairs, Republic of Moldova

**Klaus Buchmüller**, Head of International Division, German Federal Agency for Technical Relief, Germany

**Abderrahim Kabbaj**, Head of Division of Documentation and IT, Directorate-General for Civil Protection, Kingdom of Morocco

**Moderator: Dragan Lozančić**, Director-General, National Protection and Rescue Directorate, Croatia





18.45 - 20.00

CHAR  
Atrium

**Official Opening of the 'Exhibition on Disaster Risk Communication and Awareness' and Reception**

## Tuesday, March 6, 2018 | Charlemagne and Berlaymont Buildings

8.00 - 9.00

CHAR

**Registration and welcome coffee**

9.00 - 9.15

GASPERI

### Inspiring Stories:

**"Flying above the fire – managing forest fires in Europe"**

**Speaker: Fernando Adrados Morán**, Lieutenant Pilot, Spanish Air Force

9.15 – 10.45

GASPERI

### Plenary Session II: *Working across sectors to increase climate resilience*

#### Panel:

**Miguel Arias Cañete**, Commissioner for Climate Action and Energy, European Commission

**Eduardo Cabrita**, Minister of Internal Administration, Portugal

**José Manuel Fernandes**, Member of the European Parliament

**Jagan Chapagain**, Under Secretary General, International Federation of the Red Cross and Red Crescent Societies

**Moderator: To Be Announced**

11.00 - 12.30

MANSHOLT

## BREAK-OUT SESSIONS

### Pillar#1 Strengthening Preparedness

**5. Black-out: energy networks failure, impact on essential services and risks to population**

#### Panel:

**Marc Elsberg**, Best-selling Author of "Blackout"

**Turgut Erdem Ergin**, Associate Professor, University of Rome Tor Vergata, Italy

**Adam Szolyak**, Policy Officer for Networks and Regional Initiatives, Directorate-General for Energy, European Commission

**Hans Das**, Head of Terrorism and Radicalisation Unit, Directorate-General for Migration and Home Affairs, European Commission

**Moderator: Georgios Giannopoulos**, Scientific Officer in Space, Security and Migration Technology innovation in Security Directorate, Directorate General Joint Research Centre, European Commission



SCHUMAN

## Pillar#2 Simplifying Response

### 6. EU Civil Protection working in multi-stakeholder emergency response

#### Panel:

**Geir Ellingsen**, District Commander Civil Defense, Directorate for Civil Protection, Norway  
**Raed Arafat**, Secretary of State, Head of the Department for Emergency Situations of the Ministry of Internal Affairs, Romania

**Leendert Bal**, Head of Department Operations, European Maritime Safety Agency (EMSA)

**Renáta Penazzi**, General Secretary, Association of Samaritans of the Slovak Republic (ASSR), Slovakia

**Moderator: Ionut-Lucian Homeag**, Team leader, Emergency Response Coordination Centre, Directorate-General for European Civil Protection and Humanitarian Aid Operations, European Commission

GASPERI

## Pillar#3 Scaling up Prevention

### 7. Bridging climate change adaptation and disaster risk reduction to scale up prevention

#### Panel:

**Andre Jol**, Head of Group Climate Change Impacts, Vulnerability and Adaptation, European Environment Agency

**Clemens Liehr**, Project Manager of PLACARD, Environment Agency Austria

**Carmel Mifsud**, Project Leader of National Flood Relief Project, Ministry for Transport, Infrastructure & Capital Projects, Malta

**Nancy Saich**, Senior Technical Adviser for Environment, Climate and Social Office, European Investment Bank

**Paola Albrito**, Chief of Regional Office for Europe, United Nations Office for Disaster Risk Reduction (UNISDR)

**Moderator: Elena Višnar Malinová**, Head of Adaptation Unit, Directorate-General for Climate Action, European Commission

JENKINS

## Pillar#4 Fostering Resilience in Europe's Neighbourhood

### 8. Towards a stronger partnership between UCPM and Europe's neighbours: what are the needs and priorities?

#### Panel:

**Mehmet Güllüoğlu**, Head of Disaster and Emergency Management Presidency (AFAD), Turkey

**Milena Dobnik Jeraj**, Head of EU and International Affairs Division, Administration of the Republic of Slovenia for Civil Protection and Disaster Relief, Slovenia

**Rusudan Kakhishvili**, Disaster Manager, Emergency Management Service, Special Governmental Agency directly subordinated to the Prime Minister, Georgia



**Moez Tria**, Deputy Director, National Civil Protection Office, Tunisia

**Moderator: Stephane Halgand**, Team Leader of the Centre of Thematic Expertise Crisis Reaction and Security Sector Reform, Directorate-General for Neighbourhood and Enlargement Negotiations, European Commission

12.30 - 14.00

**CHAR**  
Atrium

### Lunch Break / Speakers' Corner open

#### Speakers:

**Harm Bastian Harms**, Head of International Projects and Cooperation (IPC), Johanniter-Unfall-Hilfe e.V., Germany

**Marcel Van Berlo**, Program Coordinator Resilience and Human Factors in Safety and Security, TNO, The Netherlands

**Manuel Cornelisse**, Chief Sales Officer, One2Many, The Netherlands

14.00 - 15.30

**GASPERI**

## BREAK-OUT SESSIONS

### Pillar#1 Strengthening Preparedness

#### 9. Increasing preparedness through the Union Civil Protection Knowledge Network

##### Panel:

**Gabriele Hufschmidt**, Scientific Coordinator, Master in Disaster Management and Risk Governance, Federal Office of Civil Protection and Disaster Assistance and University of Bonn, Germany

**Joost Herman**, President, Network on Humanitarian Action (NOHA)

**Giovanni de Siervo**, Head of International Relations and Activities Unit, Civil Protection Department, Italy

**Pierre Schaller**, Chief of Training Department, Academy for Fire, Rescue and Civil Protection Officers (ENSOSP), France

**Moderator: Peter Billing**, Head of Emergency Preparedness and Security Unit, Directorate-General for European Civil Protection and Humanitarian Aid Operations, European Commission

**SCHUMAN**

### Pillar#2 Simplifying Response

#### 10. A coordinated response to Health Emergencies

##### Panel:

**Peter Graaff**, Director of Global Initiatives, World Health Organisation

**Emanuele Capobianco**, Director of Health and Care, International Federation of the Red Cross and Red Crescent Societies

**Barbara Kerstiens**, Deputy Head of Fighting Infectious Diseases and Advancing Public Health Unit, Directorate General for Research and Innovation, European Commission

**Stephan Gunther**, Head of Department of Virology, Bernhard-Nocht-Institute for Tropical Medicine, Germany

**Bart Janssens**, Operations Director, Médecins Sans Frontières (MSF)

**Moderator: Wolfgang Philipp**, Head of Crisis Management and Preparedness in Health Unit, Directorate-General for Health and Food Safety, European Commission



MANSHOLT

**Pillar#3** Scaling up Prevention**11. Protecting cultural heritage****Panel:**

**Alessandra Bonazza**, Research Group “Natural, environmental and anthropic hazards of cultural heritage (RICH)”, CNR-ISAC, Italy

**Giovanni Boccardi**, Chief of Emergency Preparedness and Response Unit, United Nations, Educational, Scientific and Cultural Organization (UNESCO)

**Christian Hanus**, Dean of the Faculty of Education, Arts and Architecture, Danube University Krems, Austria

**Ingval Maxwell**, International Consultant in Architectural Conservation

**Moderator: Erminia Sciacchitano**, Policy Officer for Culture, Heritage & Economy of Culture, Directorate-General for Education and Culture, European Commission

JENKINS

**Pillar#4** Fostering Resilience in Europe's Neighbourhood**12. Linking risk assessment to emergency planning****Panel:**

**Fouad Lalaoui**, Director of the Organisation and the Coordination of Emergency, General Direction of Civil Protection, Algeria

**Sergej Anagnosti**, Team Leader of the Programme for Prevention, Preparedness and Response to Natural and Man-made Disasters in the Eastern Partnership Countries (PPRD East 2)

**Cvetka Tomin**, Team Leader, Instrument for Pre-Accession Assistance Disaster Risk Assessment and Mapping in the Western Balkans and Turkey Programme (IPA DRAM)

**Laurence Païs**, Deputy Secretary General, Union for the Mediterranean

**Moderator: Nacira Boulehouat**, Head of Disaster Risk Reduction Unit, Directorate-General for European Civil Protection and Humanitarian Aid Operations, European Commission

15.30 - 16.00

CHAR  
Atrium**Coffee Break / Speakers' Corner open to audience****Speakers:**

**Andreas Damalas**, Research Professor, Cyprus University of Technology, Cyprus

**Beatriz Gallardo**, Projects Administrator, European Union Satellite Centre



16.00 - 16.15

GASPERI

**Inspiring Stories:*****"In the frontline, responding to health emergencies"*****Speaker: Virpi Tuulikki Teinilä**, Emergency health expert and consultant, Finland

16.15 - 18.00

GASPERI

**Closing Session***Reflections on the key messages emerging from the 4 pillars presented by 'key note listeners' from European Civil Protection Authorities***Rapporteurs:****Cecilie Daae**, Director-General for Civil Protection, Norway**Branko Dervodel**, Director-General for Civil Protection, Slovenia**Panel:****Yvon Slingenberg**, Director for International and Inter-Institutional Relations, Directorate-General for Climate Action and Energy, European Commission**Peter Graaff**, Director of Global Initiatives, World Health Organisation**Normunds Popens**, Deputy Director-General for Implementation, Directorate-General for Regional and Urban Policy, European Commission**Laurence Païs**, Deputy Secretary General, Union for the Mediterranean**Paola Albrito**, Chief of Regional Office for Europe, United Nations Office for Disaster Risk Reduction (UNISDR)**Moderator: Monique Pariat**, Director-General for European Civil Protection and

## Roundtable with Local Governments

### "Scaling up Disaster Prevention: from Local to European level"

While the Union Civil Protection Mechanism legislation addresses prevention, namely through the development of national risk assessments, projects building capacity for prevention and preparedness, and developing lessons learnt from past operations, there is a need to further leverage the support made available by the UCPM in order to make a bigger impact on risk reduction. Synergies between prevention and preparedness financing available under the UCPM and other EU instruments and funds (e.g. European Structural and Investment Funds; European Fund for Strategic Investments; Framework Loans; European Neighbourhood Instrument; European Development Fund; etc.) could provide possible avenues.

The Roundtable with Local Governments aims to take the discussion on the availability of resources for disaster risk reduction a step forward, giving the opportunity to actors at different levels to reflect on how to move towards a more synergic approach.

The overarching objective of this session is to bring together those members of the disaster risk management community who are the ones implementing prevention measures on the ground, together with those managing EU funding and financing instruments. The session will formulate concrete suggestions on how to strengthen synergies between UCPM activities/financing and larger financing for prevention from EU and other public and private sector actors. What are the needs to strengthen the European-national-regional chain? Are there concrete options that can be explored in the context of the new *rescEU* legislative proposal? The outcomes of this roundtable will inform the

discussion on the main challenges faced within the current and future UCPM framework and the way forward that will take place during the Closing Session of the Forum.

#### Welcome Remarks

**Johannes Luchner**, Director for Emergency Management, Directorate-General for European Civil Protection and Humanitarian Aid Operations, European Commission

**Olgiard Gblewicz**, Marshall of the West Pomerania Region, Poland

#### Panel:

**Adam Banaszak**, Vice-President of Kujawsko-Pomorskie Regional Assembly, CoR Rapporteur of opinion on '*rescEU*' proposal, Poland

**Luigi D'Angelo**, Operational Director for Emergency Coordination, Civil Protection Department, Italy

**Kathryn Oldham**, Chief Resilience Officer, Greater Manchester Combined Authorities (GMCA), United Kingdom

**Maria João Telhado**, Technician of the Municipal Service for the Civil Protection, Municipality of Lisbon, Portugal

**Sander Happaerts**, Policy Analyst, Smart and Sustainable Growth Unit, Directorate General for Regional and Urban Policy, European Commission

**Leonard Reinard**, Head of Regional Development Division, European Investment Bank

**Moderator: Nacira Boulehouat**, Head of Disaster Risk Reduction Unit, Directorate-General for European Civil Protection and Humanitarian Aid Operations, European Commission



## Plenary Sessions

### Plenary Session I: 'rescEU', solidarity with responsibility

#### *Political leadership perspectives on the European Civil Protection*

Increasingly frequent and complex disasters have affected many European countries over recent years, highlighting the limits of the current disaster response system as well as the need to strengthen Europe's ability to prevent and prepare for emergencies. The European Commission has recently adopted a proposal to strengthen the Union Civil Protection Mechanism through the creation of "rescEU", a reserve of EU civil protection resources which aim to assist Member States in responding to disasters when national capacities are overwhelmed. This proposal is being discussed with the Council of the EU and the European Parliament. In addition, the proposal elevates cooperation and coherence with existing EU policies dealing with prevention and preparedness as well as a simplification of administrative procedures to reduce the time needed to deploy life-saving assistance.

In this session, European political leaders and institutional stakeholders will present their views on the proposed changes to the current EU civil protection legislation and discuss current challenges to establish a more robust and comprehensive EU disaster management capacity.

#### **Speakers:**

**Christos Stylianides**, Commissioner for Humanitarian Aid and Crisis Management, European Commission

**Valentin Radev**, Minister of Interior, Bulgaria

**Elisabetta Gardini**, Member of the European Parliament, Rapporteur of 'rescEU' Proposal for ENVI Committee

### Plenary Session II: Working across sectors to increase climate resilience

Since 2003, Europe has been experiencing extreme heat waves. Such extreme phenomena, under the high emission climate scenario, are projected to occur as often as every 2 years in the second half of the 21<sup>st</sup> century. Related health risks are a particular concern for urban areas, while droughts are projected to increase in frequency, duration and intensity in most of Europe, in particular in Southern and South-Eastern regions. In a warmer climate, the fire-prone areas of Europe are expected to expand

northwards, while longer fire seasons are to be expected in Southern Europe. In addition, most climate models tend to agree that the risk of severe autumns and winter storms will increase for the North-Atlantic, as well as for Northern, North-Western and Central Europe (source: European Environmental Agency, 2017). Both the civil protection and the climate change adaptation communities share the goal of increasing resilience of societies and economies to hydrological, meteorological and climate



disasters. A deeper integration of policies and tools can help make this cooperation more effective. For instance, national risk assessments serve as the foundation to both civil protection and climate adaptation as they contribute to improve the understanding of risk among decision makers and the population. Similarly, financial tools such as insurance for climate risks or incentives for nature-based solutions require a partnership between disaster risk management and climate change adaptation.

This plenary session will call for strengthening, in the framework of the Union Civil Protection Mechanism, the ties between civil protection

authorities and the main socio-economic sectors involved in the management of climate risks.

**Panel:**

**Miguel Arias Cañete**, Commissioner for Climate Action and Energy, European Commission

**Eduardo Cabrita**, Minister of Internal Administration, Portugal

**José Manuel Fernandes**, Member of the European Parliament

**Jagan Chapagain**, Under-Secretary General, International Federation of the Red Cross and Red Crescent Societies

**Moderator: To Be Announced**



*Firefighters of the Portuguese National Republican Guard work to stop a forest fire from reaching the village of Avelar, central Portugal, at sunrise Sunday, June 18 2017.*





## Closing Session

The closing session aims to distil the key messages emerging from each of the 4 policy pillars of the Forum. Two 'key note listeners' from European civil protection authorities will summarise the main outcomes of the discussions around (i) prevention; (ii) preparedness; (iii) response and (iv) cooperation with Europe's neighbourhood and will present them to a panel of Directors-General from several policy areas closely related to civil protection and disaster risk management (e.g. health; climate change adaptation; regional development; neighbourhood policy; etc.). Each panellist will have the opportunity to comment on the messages related to his/her specific policy area. Finally, the concluding remarks will highlight the main issues for the Commission and some recommendations for the way forward.

### Rapporteurs:

**Cecilie Daae**, Director-General for Civil Protection, Norway

**Branko Dervodel**, Director-General for Civil Protection, Slovenia

### Panel:

**Yvon Slingenberg**, Director for International and Inter-Institutional Relations, Directorate-General for Climate Action and Energy, European Commission

**Peter Graaff**, Director of Global Initiatives, World Health Organisation

**Normunds Popenis**, Deputy Director-General for Implementation, Directorate-General for Regional and Urban Policy, European Commission

**Laurence Païs**, Deputy Secretary General, Union for the Mediterranean

**Paola Albrito**, Chief of Regional Office for Europe, United Nations Office for Disaster Risk Reduction (UNISDR)

**Moderator: Monique Pariat**, Director-General for European Civil Protection and Humanitarian Aid Operations, European Commission

### Closing Remarks

**Monique Pariat**, Director-General for European Civil Protection and Humanitarian Aid Operations, European Commission

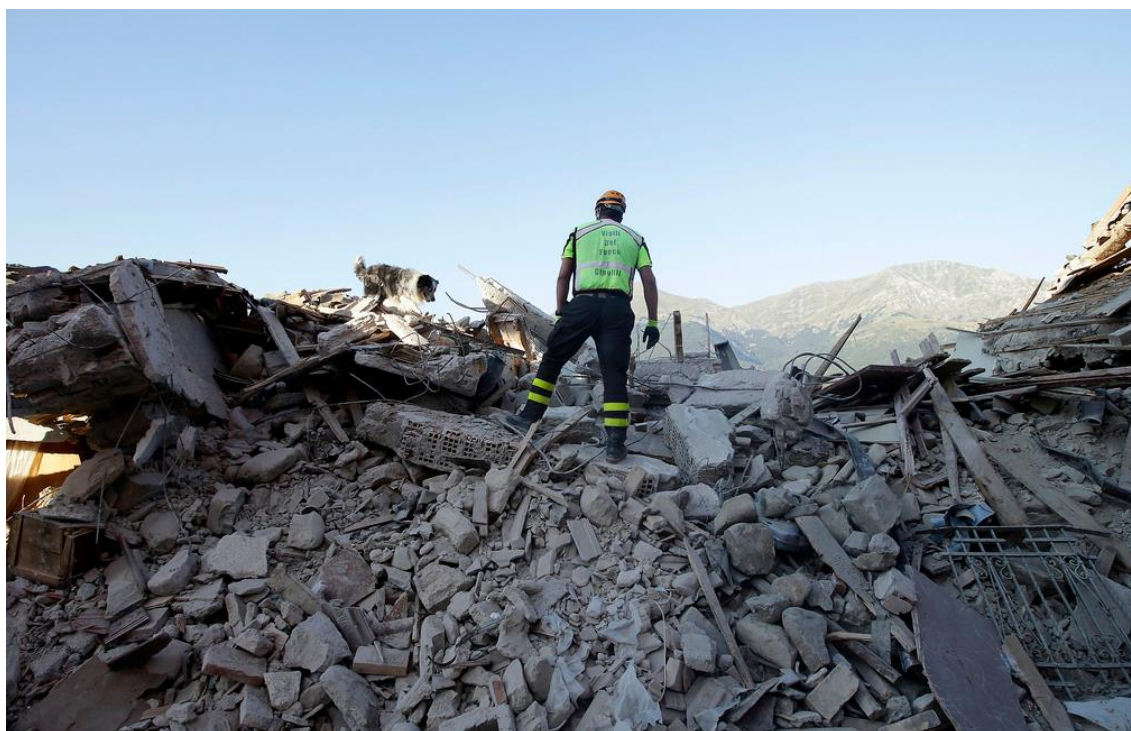


*Civil protection field exercise in an earthquake setting (Denmark, January 2018).*





*French water bombers carried out 58 water drops on 13 July 2017 near the Mount Vesuvius.*



*A rescuer stands atop rubble in Amatrice, central Italy, on Aug. 27, 2016 where a 6.1 earthquake struck.*

# Strengthening Preparedness



**European Civil Protection Forum 2018**

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## Break-out sessions

### PILLAR #1 Strengthening Preparedness

#### Session 1

#### *Towards a comprehensive strategy for forest fire preparedness*

Forest fires represent a major threat to the population and the environment in Europe (particularly in the Mediterranean region) and worldwide. Over the past years, even countries traditionally not concerned by the forest fire threat have had to address such risk in their territory, while countries prone to fight forest fires have had to deal with a dramatic increase of intensity and frequency of fires.

Forest fires constitute a growing trans-national threat which increases the need for regional and cross-border collaboration. Climate change, among other factors, has amplified the impacts of extreme weather events and increased the complexity of responding to forest fires. Given the current context and forecasted scenarios, there is an urgent need to move towards a cohesive regional approach in order to be adequately prepared and provide an effective and timely response.

The session will address the need of developing regional cooperation networks or clusters in order to expand knowledge among affected countries and, by fostering the standardisation of protocols, increase efficiency and effectiveness. The session will aim to define the basis of a regional cohesive strategy for forest fire preparedness, identify regional networks or clusters where the strategy can be implemented and reflect upon collaborative actions within these networks and clusters.



*A firefighting aircraft dropping water over a forest fire outside the village of Pedrógão Grande, 2017.*

#### **Panel:**

**Antoine Lemasson**, Head of the Emergency Response Coordination Centre (ERCC), Directorate-General for European Civil Protection and Humanitarian Aid Operations, European Commission

**Elena Hernández Paredes**, Service Manager at Forest Fire Service, Ministry of Agriculture and Fishery, Food and Environment, Spain

**Luigi D'Angelo**, Operational Director for Emergency Coordination, Civil Protection Department, Italy

**Neven Szabo**, Head of Special Education Centre, National Protection and Rescue Directorate, Croatia

**Uddholm Lars-Göran**, CEO/CFO, Södertörn Fire and Rescue Services Association, Sweden

**Moderator: Angela Iglesias Rodrigo**, Civil Protection and Forest Fires Expert, Directorate General of Civil Protection and Emergencies, Spain



## Session 5

*Black-out: energy networks failure,  
impact on essential services and risks to population*

In September 2003, the failure of a Swiss transmission system quickly propagated across the borders and led to a domino effect which disrupted the networks in Switzerland, Italy, France, Slovenia and Austria. There were knock-on effects across several cross-border critical infrastructures: more than 30,000 people were trapped on trains and several hundred passengers were stranded on underground transit systems. In 2006 a similar scenario occurred in Germany, where a power company had to switch off a high-voltage line across a river in order to let a cruise ship pass, causing 10-15 million Europeans to lose power. The blackouts stopped trains in Germany and trapped dozens of people in elevators in France and Italy. Austria, Belgium, and Spain were also affected by the outage. In 2012, Hurricane Sandy's devastating storm surge and high winds resulted in power grid failures and related outage causing economic losses estimated at US\$ 16.3 billion, in addition to halting several lifeline services during the disaster response phase, such as hospitals and gas stations.

Whether by natural hazards, technological accidents or malicious attacks, vulnerability of critical infrastructure threatens the performance of vital societal and economic sectors. In particular, risks to delivering a critical service such as electricity is increased by the growing interdependence of infrastructure which cascade across geographic borders as well as sectors (e.g.

energy, health, financial services, etc.). As the European Union is in the process of reviewing some of its main legislative instruments for increasing critical infrastructure resilience to disasters (e.g. proposal to amend the Union Civil Protection Mechanism; revision of the Directive on European Critical Infrastructure; etc.) this session will aim to: (i) provide policy makers with a state of play of cross-border risk assessment and response planning; (ii) put forward needs of private and public operators; and (iii) highlight existing/future European programmes for cross-border cooperation both at research and operational level.

**Panel:**

**Marc Elsberg**, Best-selling Author of "Blackout", Austria

**Turgut Erdem Ergin**, Associate Professor, University of Rome Tor Vergata, Italy

**Adam Szolyak**, Policy Officer for Networks and Regional Initiatives, Directorate-General for Energy, European Commission

**Hans Das**, Head of Terrorism and Radicalisation Unit, Directorate-General for Migration and Home Affairs, European Commission

**Moderator: Georgios Giannopoulos**, Scientific Officer in Space, Security and Migration Technology Innovation, Directorate General Joint Research Centre, European Commission



## Session 9

*Increasing preparedness through  
the Union Civil Protection Knowledge Network*

The proposal amending Decision No 1313/2013/EU, recently tabled by the European Commission, opens the door to the development of the Union Civil Protection Knowledge Network. With the objective of strengthening the efficiency of common EU disaster management, the Knowledge Network aims to: increase synergies among specialised training and exercise centres, through which European and international best practices would be disseminated; reinforce interoperability and host nation support measures; and undertake joint EU-wide exercises. As suggested in the proposal, the Knowledge Network shall reinforce the preparedness component of the UCPM through a close cooperation with existing national structures and expertise. It shall also provide the UCPM with a sound scientific and knowledge base to address the emerging risks and challenges especially in view of the possible establishment of the “rescEU” reserve capacity.

The session will foster the discussion around possible ways to implement the Knowledge Network with a view to create a common understanding among the stakeholders on the

strategic orientation of the UCPM preparedness programmes. It will also attempt to identify the main challenges that may arise with the development of the Knowledge Network and highlight possible ways for the UCPM to address current and emerging risks and fill the most urgent gaps.

**Panel:**

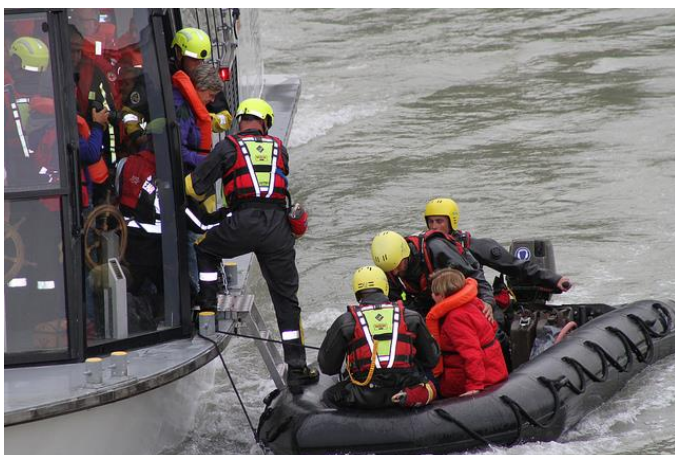
**Gabriele Hufschmidt**, Scientific Coordinator, Master in Disaster Management and Risk Governance, Federal Office of Civil Protection and Disaster Assistance, Germany

**Joost Herman**, President, Network on Humanitarian Action (NOHA)

**Giovanni de Siervo**, Head of International Relations and Activities Unit, Civil Protection Department, Italy

**Pierre Schaller**, Chief of Training Department, Academy for Fire, Rescue and Civil Protection Officers (ENSOSP), France

**Moderator: Peter Billing**, Head of Emergency Preparedness and Security Unit, Directorate-General for European Civil Protection and Humanitarian Aid Operations, European Commission



*EU TARANIS 2013: EU Civil Protection Exercise Austria. The initial premise saw a major flooding disaster.*



# Simplifying Response



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## PILLAR #2 Simplifying Response

### Session 2

#### *Ensuring quality for the European emergency response*

This session will aim to: (i) raise awareness about the importance of quality assurance processes for rapid response; (ii) contribute to further developing and improving existing certification processes; and (iii) identify related challenges and options for overcoming them. As part of the registration and certification process, teams committed under the European Emergency Response Capacity (Voluntary Pool) of the Union Civil Protection Mechanism are required to: be trained for purpose; provide evidence of their abilities and internal standard operating procedures; participate in selected exercises; and work with peers from other countries in order to ensure high standards of performance.

By certifying teams' readiness for deployment, the burden on affected countries is significantly reduced when they request help and select incoming teams. Disaster-affected countries are offered a catalogue of resources, categorised by criteria known by all and quality-checked by an independent group of experts. Coordination mechanisms have also been defined, thus facilitating coordination work for any affected country. At global level, the INSARAG classification process for Urban Search and Rescue teams (USAR) and the Emergency Response Teams (EMT) Initiative are two of the widely recognised systems for quality assurance of international teams.

The discussions will also touch upon the main challenges for the teams that aspire to become classified or certified, before and after their classification. It will look at the importance of national, regional and local preparedness to

integrate foreign international teams into emergency response. Panellists will also discuss how the lack of internationally recognised classification schemes for teams other than EMTs and USAR teams influences the quality in the field, and what role the EU Voluntary Pool certification process plays in this context.

#### **Panel:**

**Cecilie Daae**, Director-General for Civil Protection, Norway

**Ian Norton**, Manager of Global EMT Initiative, World Health Organization (WHO)

**David Alvarez Veloso**, Director of Citizen Security and Justice, Union of South American Nations (UNASUR)

**Winston Chang**, Office of the INSARAG Secretariat, Emergency Response Support Branch (ERSB), Coordination Division, Office for the Coordination of Humanitarian Affairs (UNOCHA)

**Moderator: Cristina Brailescu**, Team Leader, Security Union and Response Capacities, Civil Protection Policy Unit, Directorate-General for European Civil Protection and Humanitarian Aid Operations, European Commission



*A rescue helicopter helps evacuating injured people from a ferry during the HarbourEx in Oslo, Norway, on April 29, 2015.*





## Session 6

*EU Civil Protection in multi-stakeholder emergency response*

The types of emergencies triggering activation of the Union Civil Protection Mechanism (UCPM) are diverse and the involved responders are not always coming (only) from the civil protection authorities. This may pose an array of new challenges which require swift and effective solutions. What are those "other communities" and what expertise and capacities do they have? Can those have "dual use" and be made available for other types of disasters? Are communication lines and tools known and shared across different sectors? How well can sector-specific response mechanisms be integrated in a complex, multi-stakeholder response operation in terms of procedures, competences, certification standards or cost sharing arrangements?

The starting point for the discussion will be provided by a complex maritime incident scenario in Europe's Far North – a collision between a passenger ship and a tanker which results in burn victims, rescue at sea and subsequent consular evacuation of EU citizens, marine pollution operations and shoreline clean-up. In such a scenario, a number of different response communities at national and international level will have to work together effectively.

The session will look at the EU Emergency Response Coordination Centre (ERCC)'s role in linking, under the Union Civil Protection Mechanism, different interlocutors, hear what each brings into the emergency management as well as identifying existing good practices and potential areas of further developments at EU level.

**Panel:**

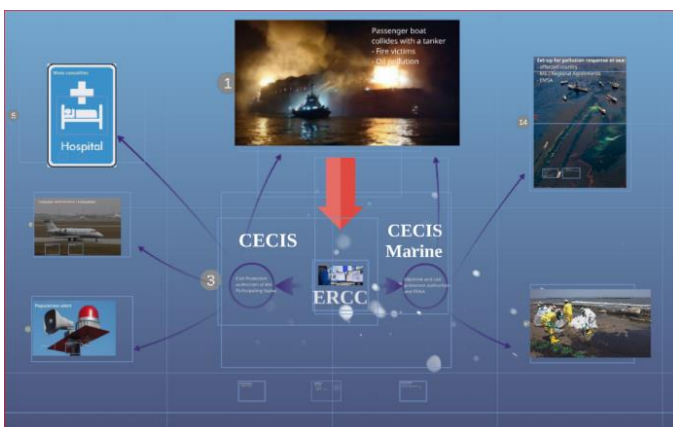
**Geir Ellingsen**, District Commander Civil Defense, Directorate for Civil Protection, Norway

**Raed Arafat**, Secretary of State, Head of the Department for Emergency Situations of the Ministry of Internal Affairs, Romania

**Renáta Penazzi**, General Secretary, Association of Samaritans of the Slovak Republic (ASSR), Slovakia

**Leendert Bal**, Head of Department Operations, European Maritime Safety Agency (EMSA)

**Moderator: Ionut-Lucian Homeag**, Team Leader, Emergency Response Coordination Centre, Directorate-General for European Civil Protection and Humanitarian Aid Operations, European Commission



## Session 10

### *A coordinated response to Health Emergencies*

The session will look at the complex emergency response system for health emergencies, focusing on the various actors and types of response capacities involved, threats and risks that need to be overcome, and the pressure on human and financial resources. The discussion will build on recent examples, ranging from disease outbreak response to health operations in conflict areas and in natural disasters. This session will also look at how the EU and the global system have taken into account the lessons from the Ebola crisis in West Africa, and which challenges remain to be addressed. The session will aim to better define the role of the European Union Civil Protection Mechanism (UCPM) in the response to health emergencies and showcase new types of assets that can be mobilised under the European Medical Corps. The link between research, preparedness and response to infectious disease will also be addressed.

Expected outcomes of the session include: (i) giving an indication of the main challenges for preventing and responding to health emergencies; highlighting the role of the EU in preparing for and responding to global health emergencies; and (iii) suggesting research modalities that can help us better prepare and respond to infectious disease threats.

#### **Panel:**

**Peter Graaff**, Director of Global Initiatives, World Health Organisation

**Emanuele Capobianco**, Director of Health and Care Department, International Federation of the Red Cross and Red Crescent Societies (IFRC)

**Barbara Kerstiens**, Deputy Head of Fighting Infectious Diseases and Advancing Public Health Unit, Directorate General for Research and Innovation, European Commission

**Stephan Gunther**, Head of Department of Virology, Bernhard-Nocht-Institute for Tropical Medicine, Germany

**Bart Janssens**, Operations Director, Médecins Sans Frontières (MSF)

**Moderator: Wolfgang Philipp**, Head of Crisis Management and Preparedness in Health Unit, Directorate-General for Health and Food Safety, European Commission



*Emergency services take part in 'Exercise Unified Response UK', a large scale disaster training exercise in Dartford, UK on March 02, 2016. The exercise involved over 1000 casualties, seven tube carriages and thousands of tonnes of rubble to prepare and test the response of emergency service personnel for a major disaster occurring in an urban environment.*



# Scaling up Prevention



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## PILLAR #3 Scaling up Prevention

### Session 3

#### *Transnational cooperation for effective disaster risk management*

The session will address the following questions:

(i) *Have projects funded by the Union Civil Protection Mechanism improved disaster risk management at national and macro-regional levels?* (ii) *How can risk knowledge developed through risk assessments contribute to more effective disaster risk management?* (iii) *How could the Union Civil Protection Mechanism be better used to strengthen prevention across European macro-regions that share similar risks?*

The session will also present good practices of disaster risk management through transnational and macro-regional cooperation. The session will address the need for cross-sectoral, multi-level and transnational partnerships to enhance disaster risk management and, in particular, how macro-regional strategies can be used as effective tools for disaster risk reduction.

The speakers will present four EU macro-regional strategies that support this approach. The session will include a discussion on how macro-regional and transnational cooperation could be improved, with support from the Union Civil Protection Mechanism, for more effective disaster risk management.

The discussions will focus on what is the added value of macro-regional strategies and how they can facilitate the development of multi-level, cross-sectoral and transnational partnerships, needed to address disaster risk reduction. The role of macro-regional strategies as efficient platforms to collaborate with non-EU countries in order to solve common challenges will also be discussed.

An additional objective of the session is to illustrate how multi-level, cross-sectoral, transnational partnerships can support the implementation of the Sendai Framework for Disaster Risk Reduction. Finally, the session will encourage stakeholders in EU Member States to develop new civil protection projects that will increase prevention knowledge and preparedness capacity in Europe's macro-regions.

#### **Panel:**

**Angelo Masi**, Professor of Structural Engineering, University of Basilicata, Italy

**Bengt Sundelius**, Strategic Adviser to the Director-General, Swedish Civil Contingencies Agency

**Karoly Gombas**, Environmental risks Coordinator, EU Strategy for the Danube Region, Hungary

**Florian Rudolf-Miklau**, Head of Torrent and Avalanche Control Department, Federal Ministry for Sustainability and Tourism, Austria

**Mitja Bricelj**, State Secretary, Ministry of the Environment and Spatial Planning, Slovenia

**Moderator: Paola Albrito**, Chief of Regional Office for Europe, United Nations Office for Disaster Risk Reduction (UNISDR)



## Session 7

***Bridging climate change adaptation and disaster risk reduction to scale up prevention***

Climate change adaptation and disaster risk reduction share a common goal: they both aim at reducing the impacts of extreme events and disasters, particularly among vulnerable populations. In 2017, floods affecting over 45 million people in South Asia, three destructive hurricanes hitting the Americas, forest fires ravaging part of Portugal and several heat waves in Europe highlighted once more the urgency of working on adapting to climate change and managing risks in an integrated manner. Yet, the full potential and synergies between these two areas remain to be exploited. To date the climate change and disaster risk management communities tend to work in isolation from each other, for a number of reasons. Climate change adaptation and disaster risk reduction policy makers, experts and practitioners must communicate and collaborate with each other effectively to ensure a comprehensive risk management approach to development at local, national and international levels.

In this session, panellists will discuss ways to integrate climate change adaptation and disaster risk reduction in a concrete and operational manner in order to scale up effective risk prevention. The session will explore concrete solutions and tools looking at different angles and perspectives, from strategic approaches to financing. It will also discuss the role of the Union Civil Protection Mechanism in this regard.

**Panel:**

**Clemens Liehr**, Project Manager of PLACARD, Environment Agency Austria

**Jan Rasmussen**, Head of Project for the Copenhagen Climate Change Adaptation Plan, City of Copenhagen

**Nancy Saich**, Senior Technical Adviser for Environment, Climate and Social Office, European Investment Bank

**Andre Jol**, Head of Group Climate Change Impacts, Vulnerability and Adaptation, European Environment Agency

**Moderator: Elena Višnar Malinovská**, Head of Adaptation Unit, Directorate-General for Climate Action, European Commission



*Italian Canadair aircrafts on their way to support France. EU Civil Protection Mechanism in action: forest fires in France, July 2017.*



## Session 11

### Protecting cultural heritage

The session will build on the results of the “Study on Safeguarding Cultural Heritage from Natural and Man-Made Disasters”, commissioned by the European Commission’s Directorate General for Education and Culture (DG EAC). The study provides a first overview of the information available at EU and international level on risk assessment and prevention measures to safeguard cultural heritage from the effects of natural and man-made disasters as well as a mapping of strategies, existing competence centres and tools in the 28 EU Member States. Bringing together UNESCO and some of the experts who have contributed to the study, this session will be an opportunity to discuss the recommendations to integrate cultural heritage into national disaster and risk reduction strategies developed by EU Member States (in line with the Sendai Framework Action Plan), with a specific focus on the role of the Union Civil Protection Mechanism.

#### Panel:

**Alessandra Bonazza**, Research Group “Natural, environmental and anthropic hazards of cultural heritage (RICH)”, CNR-ISAC, Italy

**Giovanni Boccardi**, Chief of Emergency Preparedness and Response Unit, United Nations, Educational, Scientific and Cultural Organization (UNESCO)

**Christian Hanus**, Dean of the Faculty of Education, Arts and Architecture, Danube University Krems, Austria

**Ingval Maxwell**, International Consultant in Architectural Conservation

**Moderator: Erminia Sciacchitano**, Policy Officer for Culture, Heritage & Economy of Culture, Directorate-General for Education and Culture, European Commission.



*European Civil Protection experts in Mexico supporting the national authorities with restoring cultural heritage sites after the devastating earthquakes on 7 and 19 September 2017.*

# Fostering Resilience



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## PILLAR #4 Fostering Resilience in Europe's Neighbourhood

### Session 4 Key elements for making international assistance effective

Disasters can overstretch national response capacity. The 2017 forest fire season in Europe, the Balkans and the EU's Southern and Eastern Neighbourhood has been a very stark reminder of that. Countries like Italy, Portugal, France, Spain, Albania, Montenegro and Georgia have had to request international assistance to manage forest fires on their territory. Additionally, new trends such as climate change, migration patterns, tourism, and cultural heritage need to be integrated in emergency planning and response.

Against the backdrop of a changing risk landscape, the session will identify the main challenges in offering and receiving international assistance from both a policy and operational perspective. Speakers will share practical examples from recent response activities and capacity-building efforts in the area of cross-border co-operation, inter-institutional co-operation, interoperability and Host Nation Support (HNS).

The session will attempt to highlight new elements for better supporting and assisting disaster-affected states in receiving international assistance. The focus will be on emergency management, inter-institutional coordination, logistics, legal and financial aspects, including possible developments for the existing 2012 EU Host Nation Support guidelines. The session will draw upon recent and ongoing EU-financed projects and EU Member States-supported initiatives.

The session will identify challenges for countries involved in international and cross-border cooperation for preparedness measures such as exercises, training and other capacity building initiatives at national, cross-border and regional levels. It will also suggest how the partnership between the Union Civil Protection Mechanism and the Eastern Neighbourhood and Enlargement countries can help address these challenges in the near future.

#### Panel:

**Giovanni de Siervo**, Head of International Relations and Activities Unit, Civil Protection Department, Italy

**Nadejda Chetraru**, Head of Analyses, Planning and Coordination Directorate, Emergency Situations Service, General Inspectorate for Emergency Situations, Republic of Moldova

**Klaus Buchmüller**, Head of International Division, German Federal Agency for Technical Relief, Germany

**Abderrahim Kabbaj**, Directorate-General for Civil Protection, Kingdom of Morocco

**Moderator: Dragan Lozančić**, Director-General, National Protection and Rescue Directorate, Croatia





**Session 8*****Towards a stronger partnership between  
UCPM and Europe's neighbours:  
what are the needs and priorities?***

The session aims at identifying the main needs and priorities in terms of disaster risk management in the Eastern, Southern Neighbourhood and Enlargement countries for future cooperation with the EU and the Union Civil Protection Mechanism (UCPM).

The session will provide an opportunity to discuss best practices and experiences developed under recent EU-funded initiatives, such as the Instrument for Pre-Accession Assistance (IPA) and the European Neighbourhood Instrument (ENI). Speakers will contribute to the discussion with their respective national, cross-border and regional experiences of cooperation with the UCPM.

The objectives of the session are: (i) to identify needs, best practices and way forward for a stronger partnership between the UCPM and Europe's neighbouring and enlargement countries; (ii) to present options to increase resilience on all shores of the Mediterranean and in other regions; (iii) to discuss sustainable approaches for reinforcing capacities and enhance solidarity.

**Panel:**

**Mehmet Güllüoğlu**, Head of Disaster and Emergency Management Presidency (AFAD), Turkey

**Milena Dobnik Jeraj**, Head of EU and International Affairs Division, Administration of the Republic of Slovenia for Civil Protection and Disaster Relief, Slovenia

**Rusudan Kakhishvili**, Senior Adviser of the National Crisis Management Centre, Emergency Management Service, Georgia

**Moez Tria**, General Administration of Civil Protection, Tunisia

**Moderator: Stephane Halgand**, Team Leader of Centre of Thematic Expertise Crisis Reaction and Security Sector Reform, Directorate-General for Neighbourhood and Enlargement Negotiations, European Commission



## Session 12

### Linking risk assessment to emergency planning

The session will address the challenges in developing disaster risk assessments and, in particular, for using them to improve emergency management at national, cross-border and regional levels. It will build on lessons learnt and exchange of knowledge on how to best use risk assessment outputs for effective and efficient response planning, with the aim of improving preparedness. Speakers will give practical examples from the civil protection and marine pollution areas on how the risk assessment process provides the starting point for identifying capacity gaps and adapting emergency planning. Lessons learned from the programmes on prevention, preparedness and response to man-made and natural disasters in the Southern, Eastern Neighbourhood and in the EU Enlargement countries will highlight the added value of strong cooperation in disaster risk management at the regional level.

In addition, the Union for the Mediterranean, a forum regrouping countries on all shores of the Mediterranean, will present its potential role of catalyser for disaster risk management which relies on its secretariat, political framework and platforms.



In particular, the session will highlight the main challenges in translating risk assessments into capacity gaps and disaster risk management planning, with examples at national, cross-border and regional levels. Best practices on how to better use available risk assessment tools in risk management planning, including marine pollution risks, will be discussed. Finally, the session will suggest how the partnership between the Union Civil Protection Mechanism, Southern, Eastern Neighbourhood and Enlargement countries can address these challenges.

#### Panel:

**Fouad Lalaoui**, General Direction of Civil Protection, Algeria

**Sergej Anagnosti**, Team Leader of the Programme for Prevention, Preparedness and Response to Natural and Man-made Disasters in the Eastern Partnership Countries (PPRD East 2)

**Cvetka Tomin**, Team Leader, Instrument for Pre-Accession Assistance Disaster Risk Assessment and Mapping in the Western Balkans and Turkey Programme (IPA DRAM)

**Laurence Païs**, Deputy Secretary General, Union for the Mediterranean

**Moderator: Nacira Boulehouat**, Head of Disaster Risk Reduction Unit, Directorate-General for European Civil Protection and Humanitarian Aid Operations, European Commission

*European countries providing assistance via the Union Civil Protection Mechanism to Albania who experienced extreme and intense rainfall in December 2017.*



## Speakers and Moderators



**Fernando Adrados Morán**

*Lieutenant Pilot for the Spanish Air Force*

**Fernando Adrados Morán** is a Lieutenant Pilot for the Spanish Air Force. He is currently posted in the 43rd Air Force Group, based in Torrejón Air Force Base, whose main mission is to put out wildfires from the air, in Spain and Europe. He was one of the pilots sent to Portugal during the forest fires in the summer of 2017. He has been flying a Canadair as a 'waterbomber' since 2014 and has more than 1000 flying hours. He is also the Squadron Public Relations chief.



**Paola Albrito**

*Head of Regional Office for Europe and Central Asia, UN Office for Disaster Risk Reduction (UNISDR)*

**Paola Albrito** is Head of the Regional Office for Europe and Central Asia at the UN Office for Disaster Risk Reduction (UNISDR). In her current role, she supports the implementation of DRR coordinated actions within the HFA implementation and preparation of the Sendai Framework for DRR. Paola joined UNISDR in 2004 and has worked on disaster prevention related policy issues, including mainstreaming of DRR into sustainable development policies. Her previous field experience includes coordination of the Common Country Assessment and the UNDAF in Djibouti (1999-2003); support in developing sustainable development policies at the UN Staff System College; and programme evaluations at the ILO.



**David Álvarez Veloso**

*Director of Citizen Security and Justice, Union of South American Nations (UNASUR)*

**David Álvarez Veloso** is a Chilean Political Scientist with 15 years of experience in the areas of Democracy and Citizen Security focused in Latin America. Since 2015, he has served as Director of Citizen Security and Justice at the Unión of South American Nations (UNASUR), where among other things, is responsible for the Disaster Risk Management agenda within the organisation.

Previously, he worked as a Specialist for the Department of Electoral Observation and Cooperation at the Organisation of American States in Washington, DC. David holds a Master in Latin American Studies from the Edmund Walsh School of Foreign Affairs at Georgetown University.



**Sergej Anagnosti**

*Team Leader of the Programme for Prevention, Preparedness and Response to Natural and Man-made Disasters in the Eastern Partnership Countries (PPRD East 2)*

**Sergej Anagnosti** has more than 25 years of experience in project and financial management, procurement, contract, cost control and administration experience with particular focus on regional cooperation, policy formulation, strategy and programme development, implementation, monitoring and evaluation. Since 1995, he has worked with various organisations specialised in international aid and development operating in Serbia and in Southeast Europe as a Project/Programme Management expert addressing public sector good governance, local economic and local self-government sustainable development, administrative and institutional capacity building, and on M&E (Monitoring & Evaluation). Since 2005, he has worked as an international expert managing, administrating and monitoring the development and institutional capacity building of Disaster Risk Management and Civil Protection national administration and local self-governments in SEE, CIS, Central Asia and South Caucasus and within the accession process to EU, as well as Project Cycle Management and M&E expert. As of 2013, he is the Team Leader of the EU Flagship Initiative, the Regional Programme for Prevention, Preparedness and Response to Natural and Man-made Disasters in Eastern Partnership Countries (PPRD East) Phase 1 and Phase 2.





### **Raed Arafat**

*Head of the Department for Emergency Situations of the Ministry of Internal Affairs, Romania*

**Raed Arafat** is the Secretary of State and Head of the Department for Emergency Situations of the Ministry of Internal Affairs in Romania. As a specialist in anaesthesia and critical care and with a European Master's in disaster medicine, Dr. Arafat is the founder of the Mobile Emergency Service for Resuscitation and Extrication (SMURD), which was established in 1990. Since 2007, he has coordinated the activities of many institutional structures and strategic programmes for Emergency Situations, namely the Healthcare System for Emergencies and Disasters in the Ministry of Health, as well as the Department for Emergency Situations that coordinates the General Inspectorate for Emergency Situations. Dr. Arafat has participated and organised numerous training courses and seminars in the field of emergency medical care, control and coordination of emergency services. He is also a member of several scientific and professional organisations in the field of emergency medicine and disaster medicine at domestic and international level, as well as author and co-author of several textbooks, books, documents and articles.



### **Leendert Bal**

*Head of Operations Department, European Maritime Safety Agency (EMSA)*

**Leendert Bal** is the Head of the Operations Department since 2009. This Department provides maritime information services to Member States and EU bodies and offers operational assistance for pollution monitoring and response. He was Acting Executive Director of the European Maritime Safety Agency (EMSA) from December 2011 until September 2012. He started working for EMSA in 2004 as a policy adviser of the Executive Director, and has been involved within the Agency, as Head of Unit, developing operational projects such as the network of stand-by Oil Recovery Vessels, the European satellite oil spill monitoring and detection service

CleanSeaNet and the EU LRIT Data Centre since their creation. He was part of the ESA-EMSA initiative to create a SAT-AIS capability for Europe. Lately his special projects are: Copernicus Maritime Surveillance Services and the development of services based on Remotely Piloted Aircraft Systems (RPAS) in support of Coast Guard cooperation. He was previously Transport Attaché in Brussels for the Permanent Representation of The Netherlands to the European Union and has worked for the Dutch Ministry of Transport and Public Works, the Netherlands Institute of International Relations "Clingendael" and the Utrecht University.



### **Adam Banaszak**

*Vice President of Kujawsko-Pomorskie Regional Assembly, Poland*

**Adam Banaszak** is the Vice President of Kujawsko-Pomorskie Regional Assembly of Poland. He is a member of the European Committee of the Regions and coordinator for the Commission for Natural Resources of the ECR Group. He is also rapporteur of the Committee opinions on the Action plan for Sendai Framework and the revision of the Union Civil Protection Mechanism. He has over 20 years' experience at the level of regional government as a councillor and financial expert. He has been a member of the management board of companies such as the Polish National Sugar Company, Polmos, Kania and holds degrees in Economy and in Environmental studies.



### **Peter Billing**

*Head of Emergency Preparedness and Security Unit, DG ECHO, European Commission*

**Peter Billing** joined the European Commission in 1996. As of 1999 he has held several positions in the Directorate-General for Civil Protection and Humanitarian Aid Operations. From 2001 to 2005 he headed the Strategic Planning Sector. From 2005 to 2014 he was responsible for the Crisis Centre. Before becoming the Head of the newly created Unit for Emergency Preparedness and Security (A.2) in DG ECHO in 2016, he also served as Head of the Human Resource Unit.





### Giovanni Boccardi

*Chief of Emergency Preparedness and Response Unit, UNESCO*

**Giovanni Boccardi** is the Chief of the Emergency Preparedness and Response Unit within the Culture Sector of UNESCO. His responsibilities involve coordinating and supporting the actions by the Organisation to assist Member States in preparing and responding to crises related to conflicts or natural disasters. Mr. Boccardi graduated in Architecture at the University of Rome and obtained a Master's Degree on Built Environment from the University College of London. He has worked for UNESCO in different positions since 1994, both in the field (Uzbekistan and Jordan) and at Headquarters where he acted as Chief of a Regional Unit at the World Heritage Centre (first Arab States, then Asia and the Pacific) between 2001 and 2011, and then as Focal Point for Sustainable Development, Disaster Risk Reduction and Capacity Building until 2014.



### Alessandra Bonazza

*Researcher, Coordinator of the Research Group "Natural, environmental and anthropic hazards of cultural heritage (RICH)"*

**Alessandra Bonazza's** academic background is geology, though she has worked in the field of heritage science for her entire career moving from building material characterisation to evaluation of pollution and climate impact on built heritage. Her areas of interest include resilience and adaptation of cultural heritage to natural and man-made disasters. Being principal investigator in several European projects (FP7 TeACH / NANOMATCH / SYDDARTA, JPI-CH EMERISDA), she is currently coordinating the "Study on Safeguarding Cultural Heritage from Natural and Man-made Disasters" and the Interreg Central Europe "Risk assessment and sustainable protection of Cultural Heritage in changing environment-ProteCHt2save".



### Nacira Boulehouat

*Head of Disaster Risk Reduction Unit, DG ECHO, European Commission*

**Nacira Boulehouat** is the Head of Unit for "Disaster Risk Reduction, European Voluntary Humanitarian Corps" at the European Commission. Prior to joining this unit, she worked in the Security Directorate of the European Commission Directorate General for Migration and Home Affairs (2015-2017). Nacira Boulehouat has worked on different assignments under the EU Common Foreign and Security policy, notably in relation to the Middle East and the European Neighbourhood for 10 years. She was Deputy Head of the Middle East section at the European External Action Service, dealing with the Syrian crisis and its regional ramifications from 2011 to 2015. Prior to this, she worked on the enlargement policy at the time of negotiations for the accession of ten countries to the EU and was posted in the EU Delegation to Cyprus from 1998 to 2000.



### Klaus Buchmüller

*Head of International Division German Federal Agency for Technical Relief, THW*

**Klaus Buchmüller**, throughout his 32 years with THW, has been deployed on numerous international missions, while holding diverse positions including Logistics Specialist, Head of Country Office, and special envoy for international operations by order of the THW-president. Since 2016 he has been responsible for all international matters at THW as Head of the International Division. During his tenure, THW has diversified its international portfolio. At international level, THW is now active in areas such as response operations, advisory missions, capacity development projects and the support of peace keeping missions.





### Eduardo Cabrita

*Minister of Internal Administration, Portugal*

**Eduardo Cabrita** holds a degree in Law from the Faculdade de Direito de Lisboa, where he later became member of the board and lecturer of Public Finance. From 1984 until now, Cabrita has held multiple political positions: Adviser of the Secretary of State for Local Government, Inspector of Finance, Adviser to the Macau government, High Commissioner for Equipment and Territorial administration, Secretary of State of Local Government, Member of Parliament and Chairman of the Parliamentary Budget, Finance and Public Administration Committee and Minister in the Cabinet of the Prime Minister. He is now the Minister of Internal Administration.



### Cristina Brailescu

*Team leader, Civil Protection Policy Unit, DG ECHO, European Commission*

**Cristina Brailescu** is Team leader in the Civil Protection Policy Unit of Directorate-General for European Civil Protection and Humanitarian Aid Operations (ECHO), and has been working on civil protection files since 2009. Since 2014, she has been involved in the setting up of the European Emergency Response Capacity (EERC), including the European Medical Corps. She joined the European Commission in 2007, with an assignment in DG Environment.



### Mitja Bricelj

*State Secretary, Ministry of the Environment and Spatial Planning, Slovenia*

**Mitja Bricelj**, Ph.D., is a geographer. He is a member of the Ministry for Environment and Spatial Planning in the Republic of Slovenia, co-founding member of the International Sava River Basin Commission, coordinator of the Coastal Area Management Program Slovenia (UNEP/MAP 2004-2007), President of the Bureau of Barcelona Convention (2005-2008), Head of International Commission for Protection Danube River/ICPDR (2010), Head of International Commission for Sava

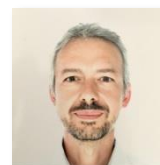
River Basin/ICSRB (2014–2017), coordinator of Environmental Pillar of European Strategy for Adriatic Ionian region /EU SAIR. He is also the author of three independent publications and numerous articles and the former president of the Geographic Society of Slovenia.



### Miguel Arias Cañete

*Commissioner for Climate Action and Energy, European Commission*

**Miguel Arias Cañete** is the European Commissioner for Climate Action and Energy. He has served in this role since 1st November 2014. Born on 24th February 1950 in Madrid, Mr. Arias Cañete studied law at the Complutense University of Madrid. After graduating in 1974, he joined the Spanish Civil Service working as a State Attorney. In 1978, he became a professor of Law at the University of Cadiz. In 1982 he left his teaching post as he was elected a member of the Parliament of Andalusia until 1986. After serving in the Andalusian parliament, he became a Member of the European Parliament upon Spain's accession in 1986. He stayed until 1999, heading the Committees on Agriculture and on Regional Development during his time as MEP. Mr. Arias Cañete served as Minister of Agriculture and Fisheries of Spain from 2000 until 2004. He also served as Minister for Agriculture, Food and Environment in the Spanish Government from 2011 until 2014, before being selected to head his Party List in the European Parliamentary elections.



### Emanuele Capobianco

*Director of Health and Care Department, International Federation of the Red Cross and Red Crescent Societies (IFRC)*

**Emanuele Capobianco** is the Director of the Health and Care Department at the International Federation of the Red Cross and Red Crescent Societies (IFRC). He leads a global team of health and WASH experts to support 14 million volunteers in 190 National Red Cross and Red Crescent Societies to build resilient communities, respond to natural disasters, and care for vulnerable individuals. Emanuele brings to the



IFRC 20 years of experience in policy development and implementation of health programmes in low and middle-income countries with specific expertise in fragile settings, partnerships, maternal/child health and communicable diseases. He most recently served as the Deputy Executive Director of the Partnership for Maternal, Newborn & Child Health at the World Health Organisation, coordinating the Partnership's network of 850 organisations in support to the 2016-2030 Global Strategy for Children's, Women's and Adolescents' Health. Over the past 20 years Emanuele has worked with the World Bank, UNICEF and WHO at country, regional and headquarter levels. Among others, he has supported the emergency response to cholera outbreaks and floods, and has worked to strengthen health systems through community-based programmes and cross-sectoral approaches.

#### **Winston Chang**



*Office of the INSARAG Secretariat, Emergency Response Support Branch (ERSB), Coordination Division, Office for the Coordination of Humanitarian Affairs (UNOCHA)*

**Winston Chang** has military and national disaster management experience at various operational command and training functions for two decades and has been deployed on many occasions as part of the United Nations Disaster Assessment and Co-ordination (UNDAC), to international sudden onset Emergencies. His portfolio in the INSARAG Secretariat in UN OCHA Geneva for the past decade includes engaging and working closely with disaster response management authorities from national governments, regional organisations, NGOs on disaster preparedness and response at all levels, and is also responsible for the INSARAG external classification (IEC) system, with 51 global teams successfully classified to date.



#### **Jagan Chapagain**

*Under-Secretary General, International Federation of the Red Cross and Red Crescent Societies*

**Jagan Chapagain** is the Under Secretary General for Programmes and Operations at the International Federation of the Red Cross and Red Crescent Societies. He has spent more than 25 years with the IFRC. He was Chief of Staff in Geneva, managing the Office of the Secretary General before assuming his current role in June 2017. From 2011 to 2015, as Regional Director for Asia and the Pacific, he provided leadership in responding to large scale humanitarian crises. Previously, he held various leadership positions including Head of Operations for the Asia Pacific region, Head of Regional Delegation for Central Asia and Senior Regional Officer for South Asia in Geneva.



#### **Nadejda Chetaru**

*Head of Analyses, Planning and Coordination Directorate, Emergency Situations Service, Moldova*

**Nadejda Chetaru** has 16 years of experience in the field of civil protection and emergency response as well as prevention systems. She has participated in national and international field exercises and table-top exercises, the latest being the Full Scale Field Exercise "EU MOLDEX 2017" in Moldova in September 2017.



#### **Cecilie Daae**

*Director-General of the Norwegian Directorate for Civil Protection*

**Cecilie Daae** has been Director-General for the Norwegian Directorate for Civil Protection (DSB) since September 2015. She came from the position of Deputy Director General at the Norwegian Directorate of Health. In the same organisation, she previously held the position as Head of Department for Specialised Health Care Services and of Head of section for Hospital Services. Ms. Daae studied medicine at the University of Oslo and holds a master in Health Administration.





### Hans Das

*Head of unit of terrorism and radicalisation in  
DG HOME, European Commission*

**Hans Das** holds a Ph.D degree in public international law and started his career at Leuven University. In 1997, he was appointed Head of the Legal Department of the International Commission for Real Property Claims of Refugees and Displaced persons (CRPC), established by the Dayton Peace Agreement, in Bosnia and Herzegovina. Afterwards, he served as a consultant on similar issues in Kosovo (1999-2000). Hans Das joined the European Commission in 2004. In May 2010, he was appointed Head of DG ECHO's Emergency Response Unit. In March 2012, he was appointed Head of the Civil Protection Policy Unit. In this capacity, he has led inter alia the negotiation of the European civil protection legislation and the Emergency Support Instrument. Since October 2016, he heads the unit dealing with terrorism and radicalisation in DG HOME.



### Luigi D'Angelo

*Operational Director for Emergency  
Coordination at the Italian National Civil  
Protection Department*

**Luigi D'Angelo** is a civil engineer holding a longstanding experience within the Italian civil protection system of 20 years of active duty. His current position is as Operational Director for Emergency Coordination at the Italian National Civil Protection Department. Previously, within the same institution, he held the position of Head of International Relations and Head of the Emergency Planning services. He has also taken part in many national and international emergency response operations, including missions performed under the auspices of the Union Civil Protection Mechanism.



### Giovanni De Siervo

*Head of International Relations and Activities  
Unit, Civil Protection Department, Italy*

**Giovanni De Siervo** is an expert on humanitarian aid and disaster risk management. After studying law, he specialised in the management of humanitarian aid and public governance programmes. He has worked for NGOs, academic institutions and International Organisations. He has international field experience in the Balkans region, in Africa and in South America. Since 2005 he is working with the Civil Protection Department of the Italian Government, currently holding the Head of the International Relations and Activities Unit position. He was seconded for 4 years to the European Commission, DG ECHO, Emergency Response Unit, where he was in charge of relations with International Organisations.



### Branko Dervodel

*Deputy Director General of the Administration of  
the Republic of Slovenia for Civil Protection and  
Disaster Relief*

**Branko Dervodel** is a Deputy Director General of the Administration of the Republic of Slovenia for Civil Protection and Disaster Relief, responsible for the regional, EU, NATO and UN affairs. He has a long history of leading roles as a member or Chair of several international fora i.e. the EU Council Working Group on Civil Protection, the Disaster Preparedness and Prevention Initiative for South Eastern Europe and the Alpine Convention. He is also engaged in the implementation of the UN Sendai framework for DRR and was a member of Slovenian delegation in Sendai in 2015. He is a biologist specialised in the ecology of industrial environments.



### Milena Dobnik Jeraj

*Head of EU and International Affairs Division,  
Administration of the Republic of Slovenia for  
Civil Protection and Disaster Relief, Slovenia*

**Milena Dobnik Jeraj** is Head of the European and International Affairs Division in the Administration





of the Republic of Slovenia for Civil Protection and Disaster Relief. She is an expert with more than 20 years of experience in the field of civil protection, both nationally and in the international environment, including at European level. She has been particularly engaged in paving the way for the participation of neighbouring countries, especially the Western Balkans in the Union Civil Protection Mechanism, both at policy and operational levels. She has contributed to the successful implementation of several IPA and also other European projects in the field of civil protection.



### **Geir Ellingsen**

*District Commander Civil Defence,  
Directorate for Civil Protection, Norway*

**Geir Ellingsen** has studied at the Military academy and University of Tromsø. He has 16 years of military service and 14 years of experience as Civil Protection Service District commander and Deputy Head of Civil Defence in Norway. Being a Union Civil Protection Mechanism expert, he has participated in various trainings, exercises and missions. He has also been a member of the NATO CBRN non-binding guidelines working group. His areas of expertise include project management of full-scale exercises, multi-agency response and exercises, forest fires, SAR and oil pollution Incident command system and training in the UCPM exercises.



### **Marc Elsberg**

*Best-selling author of the novel "Blackout"*

**Marc Elsberg's** thriller "Blackout" became phenomenally successful, selling more than 2 million copies worldwide. His novel illustrates modern society's interdependencies and vulnerability, dramatising the consequences of a week-long blackout caused by a hacker attack against European and US power grids. The book established Elsberg as a sought-after dialog partner for industry and politics. His novels "Zero" and "Helix" also hit bestseller lists and followed up the huge international success of "Blackout". "Blackout" and "Zero" were both awarded "Science Book of the Year" in Germany by a prestigious jury of science journalists.



### **Turgut Erdem Ergin**

*Associate Professor of the University of Rome  
Tor Vergata*

**Erdem Ergin** is a disaster risk management specialist. He teaches at University of Rome Tor Vergata, is the Resilience advisor for UNDP Turkey and a consultant for the World Bank. His focus is on critical infrastructure resilience, business continuity, urban and system resilience solutions. Most recent works include: damage assessment of the energy sector in Bosnia following the 2014 floods; the first climate impact study on thermal power plants in Turkey; Critical Infrastructure Risk Assessment study (energy and transport sectors) in a strategic Middle East/Europe connection hub; summer course on critical infrastructure resilience at the Venice International University.



### **José Manuel Fernandes**

*Member of the European Parliament*

**José Manuel Fernandes** is Member of the European Parliament since 2009. He is a graduate of the Systems and Informatics Engineering Program at the University of Minho, and is currently studying Law. He has served as the Chairman of the Juventude Social Democrata (JSD) of Vila Verde, and was the Leader of the Braga District Political Committee of the JSD. In 1998, he was elected as the Mayor of Vila Verde, where he is currently concluding his third mandate. During Portugal's 1999 legislative elections, Mr. Fernandes was the head of the PSD candidate list for the Braga, and was elected to be a Member of the Portuguese Parliament. In 2004, he was elected to be a Member of the National Political Committee of the PSD. He has previously served as the Chairman of the Agency for the Regional Development of Cávado, and the Chairman of the Association of the Municipalities of Vale do Cávado. Mr. Fernandes works to integrate the General Council of the Coordination's Committee in the Northern Region and the General Council of the National Association of the Portuguese Municipalities.





### Elisabetta Gardini

*Member of the European Parliament,  
Rapporteur of 'rescEU' proposal for ENVI  
Committee*

**Elisabetta Gardini** is the Head of the EPP Italian Delegation – Forza Italia in the European Parliament since July 2014. Ms Gardini was elected Member of the European Parliament in 2008 in North-East Constituency. As an MEP, she is full member of: the Committee on the Environment, Public Health and Food Safety; the Special Commission on Terrorism; the Delegation for relations with the Federative Republic of Brazil and the Delegation to the Euro-Latin American Parliamentary Assembly. Before becoming an MEP she was member of the Veneto Regional Council (2005-2006) and Member of the Italian Parliament (2006-2008) where she was appointed Secretary of Social Affairs Committee in the Italian Chamber of Deputies.



### Olgierd Geblewicz

*Marshall of the West Pomerania Region,  
Poland*

**Olgierd Geblewicz** is the Marshall of the West Pomerania Region since 2010. In 2018 he became founder and chairman of the Interregional Group Nord Stream 2 in the European Committee of the Regions. Since 2017 he is also co-chairing the Euro-Mediterranean Regional and Local Assembly (ARLEM). A member of the European Committee of the Regions and its Commission for Natural Resources (NAT), he was the first Vice-President of the European Committee of the Regions' Commission for Citizenship, Governance, Institutional and External Affairs (CIVEX) from 2015 to 2017. Before becoming President of the West Pomerania Regional Parliament in 2008, he was a member of the Goleniów City Council.



### Georgios Giannopoulos

*Scientific Officer in Space, Security and  
Migration Technology innovation in Security  
Directorate, JRC, European Commission*

**Georgios Giannopoulos** holds a degree in Mechanical and Aeronautical Engineering, a PhD in Engineering from Vrije Universiteit Brussel and

the Royal Military Academy of Belgium and a Management degree from Solvay Brussels School in Economics and Management. He is currently carrying out research for supporting EU Policies in the domain of critical infrastructure risk and resilience assessment, interdependencies and economic impact of critical infrastructure disruption as well as on standardisation and certification in CBRNE and CIP domains (including cyber). He has been involved in several training activities in various European Countries in order to support their efforts on improving the protection of their technological systems and critical infrastructures.



### Károly Gombas

*Environmental Risks Coordinator, EU Strategy  
for the Danube Region, Hungary*

**Károly Gombás** is a civil engineer who graduated from the Budapest University of Technology in 2006. Since then he has been working in the North-Transdanubian Water Directorate, currently in Flood Protection and Water Management Department. He is a registered designer of water structure planning of the Hungarian Engineering Chamber (MMK) and former regional secretary of the Hungarian Hydrological Society (MHT). As operative field engineer and technical group leader, he assumed an active role in all major flood management activities in Hungary in the last 11 years (2006, 2013 Danube flood; 2012, 2017 Danube ice events; 2010 flash floods, 2013 Rába and Marcal floods etc.). He is a permanent expert of the Hungarian-Slovakian Boundary Commission and the Austrian-Hungarian Water Commission, also standing advisor of water related international cases for the Ministry of Interior and Ministry of Foreign Affairs and Trade. Furthermore, he works for the Ministry of National Development in relation with navigation projects and helps the Ministry of Justice in matters related to the Upper-Hungarian Danube section. He supports managing policy documents and complex projects on regional, national and basin level in the field of flood protection and



ecological restoration. He facilitated the composition of the Danube Flood Risk Management Plan, working constantly for a prospering Danube region.



### Agostino Goretti

*Senior Earthquake Engineer, Civil Protection Department, Italy*

**Agostino Goretti** is a Civil Engineer with a Ph.D in Structural Engineering from Rome University. He joined the National Seismic Survey in 1997 and National Civil Protection in 2002. As a senior earthquake engineer he has been mainly involved in development, implementation and monitoring seismic risk assessment and mitigation programmes. He participated at several EU-funded projects devoted to the implementation of national and multinational resources for post-earthquake safety and damage assessment to be deployed in seismic international emergencies. UCP trained, he participated at national and international seismic emergencies and exercises. Structural engineer expert in the UCPT deployed to Nepal (2015), Ecuador (2016) and Mexico (2017).



### Peter Graaff

*Director of Global Initiatives, World Health Organisation*

**Peter Graaff** has spent over 25 years working for the World Health Organisation and the UN Secretariat. His first posting with WHO was in the Regional Office for the Eastern Mediterranean region (EMRO) in Egypt. This was followed by postings as the Essential Drugs Programme Coordinator in Malawi and Kenya, and as the Regional Advisor for Essential Medicines in EMRO. In October 2014 Peter was appointed as the Ebola Crisis Manager for the United Nations Mission for Ebola Emergency Response (UNMEER) in Liberia before taking up the position of Acting Special Representative of the Secretary General for UNMEER in April 2015.

Following the closure of UNMEER, he served as WHO's Regional Interagency Ebola Crisis Lead. Since January 2016, Peter works in the office of the Executive Director of the WHO Health

Emergencies Programme, first as Deputy and now as Director of Global Initiatives, managing a portfolio of high priority initiatives to underpin the successful implementation of the new Programme.



### Mehmet Güllüoğlu

*Head of Disaster and Emergency Management Presidency (AFAD), Turkey*

While serving as General Director at the Turkish Red Crescent, **Güllüoğlu Mehmet** has worked to ensure that over 3 million Syrian guests live in the most humane conditions in Turkey. He was able to pin point the need for a new Enterprise Resource Planning System of the Turkish Red Crescent and has taken steps in this direction and succeeded to integrate the SAP application to the organisation. Besides taking part in the area of the humanitarian operations carried out by the Turkish Red Crescent such as Somalia, Sudan, Yemen, Syria, Mosul, Pakistan and Gaza, he worked to increase awareness of those operations amongst the world humanitarian aid actors. Before his position as General Director of the Turkish Red Crescent, he successfully completed trainings in areas such as family practice, humanitarian health aids and European Union projects. He has participated in a large number of relief works within non-governmental organisations and served as Managing Director at the Istanbul Provincial Health Directorate and the Earth Doctors Association.



### Stephan Günther

*Head of Department of Virology, Bernhard-Nocht-Institute for Tropical Medicine, Germany*

**Stephan Günther** (MD) studied medicine and specialised in virology, microbiology and infection epidemiology. Research is dedicated to viral hemorrhagic fevers (VHF), including Ebola virus disease, Lassa fever, and Crimean-Congo hemorrhagic fever. The group established experimental systems for studying Lassa virus replication as well as small animal models to study pathogenesis and immunology of VHF. Clinical research is focused on pathophysiology of VHF



and the development of diagnostic tools. Dr Günther is Coordinator of the European Mobile Laboratory (EMLab) consortium. During the Ebola virus outbreak, EMLab operated diagnostic units and supported operational research projects, including clinical trials.



### Christian Hanus

*Dean of the Faculty of Education, Arts and Architecture, Danube University Krems, Austria*

**Christian Hanus** completed his doctoral studies in 2006 at the ETH Zürich. He has been working at the Danube University Krems since 2007. He developed and supervised the successful teaching-programme “Refurbishment and Revitalisation”. He has also been in charge of several national and international research-projects. Amongst other things, he develops implementation-concepts for the reconstruction of historical towns destroyed by earthquakes in Italy and he undertakes Heritage Impact Assessments on behalf of the Austrian Federal Chancellery as requested by UNESCO for World Heritage properties. Mr Hanus is a founder of the “Center for Architectural Heritage and Infrastructure” (2010) and of the “Center for Cultural Property Protection” (2015).



### Sander Happaerts

*Policy analyst, Smart and Sustainable Growth Unit, DG REGIO, European Commission*

**Sander Happaerts** is a policy analyst on sustainable growth at the European Commission’s Directorate General for Regional and Urban Policy. He is responsible for environmental and climate issues, and works with other Commission services to integrate environmental concerns into cohesion policy investments across the EU. Before joining the Commission in 2014, Sander worked as a research manager and lecturer on environmental policy and sustainability transitions at KU Leuven in Belgium. His research on regional policies for sustainable development was awarded in the 2012 Thesis Competition of the European Committee of the Regions.



### Elena Hernandez Paredes

*Service Manager at the Forest Fire Service Ministry of Agriculture and Fishery, Food and Environment, Spain*

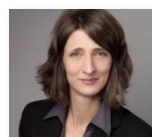
**Elena Hernandez Paredes** is a forestry engineer specialised in forest fires. She has 13 years of experience at operational and management level in several regions of Spain and in the central government since 2009. Among other areas, she is responsible for international relations, training programmes and inter-administrative coordination. She is officer on duty at the Spanish National Forest Fire Coordination Centre where over 60 aerial assets and over 500 personnel are mobilised to support regional governments in Spain and internationally. She has extensive experience working at national and international level to address forest fire risk reduction and wildfire prevention and preparedness measures.



### Ionut-Lucian Homeag

*Team leader, Emergency Response Coordination Centre, DG ECHO, European Commission*

**Ionut-Lucian Homeag** is Team leader at the European Emergency Coordination Centre with extensive experience in international disaster response operations. He is a graduate of the Fire Officers Faculty of Romania and holds a PhD in electrical engineering. Mr. Homeag has been deployed in several theatres of operations during crisis/emergencies, e.g. Typhoon Haiyan in the Philippines (2013) and the earthquake in Nepal (2015). He has participated in several operations involving the activation of the Union Civil Protection Mechanism from the ERCC HQ coordination perspective.



### Gabriele Hufschmidt

*Scientific Coordinator Master in Disaster Management and Risk Governance, Federal Office of Civil Protection and Disaster Assistance and University of Bonn, Germany*

**Gabriele Hufschmidt** completed her doctorate at Victoria University of Wellington in New Zealand in the field of natural hazards and risk research between 2004 and 2008. She is lecturer at Victoria University and the scientific coordinator for the



Master programme "Disaster Management and Risk Governance", offered at the University of Bonn in cooperation with the Federal Office of Civil Protection and Disaster Assistance (BBK).



### Angela Iglesias Rodrigo

*Civil Protection and Forest Fires Expert,  
Directorate General of Civil Protection and  
Emergencies, Spain*

**Angela Iglesias Rodrigo** is a forestry engineer specialised in civil protection and forest fires. 15 years of experience at operational, management and research level, related to those areas, in several companies and regions in Spain and in the central government since 2009. National and international missions and exercises also under the umbrella of the Union Civil Protection Mechanism and participation in several forums and working groups.



### Bart Janssens

*Operations Director, Médecins Sans Frontières  
(MSF)*

**Bart Janssens** is Director of Operations at Médecins Sans Frontières Headquarters Brussels since October 2012. A specialist in public health and tropical medicine, Dr Janssens joined MSF in 1995 and has worked in a number of conflict and epidemic settings, including Afghanistan, Kosovo, DRC and Cambodia. Between 2007 and 2010, two health missions with ICRC led him to Burundi and Pakistan, before becoming Health coordinator for Operations at MSF Headquarters in Brussels in 2010.



### André Jol

*Head of Group Climate Change Impacts,  
Vulnerability and Adaptation, European  
Environment Agency*

**André Jol** works for the European Environment Agency for over 20 years, providing information to the EEA member countries, the European Commission and the European Parliament. He is currently head of group on climate change impacts, vulnerability and adaptation. He oversees EEA assessments in this area as well as links to other policy areas including disaster risk reduction. He is responsible for the European

Climate Adaptation Platform, a knowledge platform managed in close collaboration with the European Commission. He regularly represents EEA in meetings and conferences, including the EU delegation to the UNFCCC and IPCC. He is a member of Advisory Boards of various EU funded research programmes and projects.



### Joost Herman

*President of the Network on Humanitarian  
Action (NOHA)*

**Joost Herman**, having earned his doctorate in international law (national minority rights protection in Central and Eastern Europe and the former Soviet Union), moved to Groningen University, to the Department of International Relations. Having been involved in NOHA since 1998, Herman was appointed Financial Director of the Network in 2005 and after nine years was elected to become the third President of the Network (until April 2020). He focuses specifically on the NOHA Global strategy and building regional NOHA networks across the world.



### Abderrahim Kabbaj

*Head of division of the documentation and IT at  
Directorate-General for Civil Protection,  
Kingdom of Morocco*

**Abderrahim Kabbaj** is the Head of division of the documentation and IT at Directorate-General for Civil Protection of the Kingdom of Morocco. He is also the Director of the Civil Protection School, the Acting Regional Commander of Grand Casablanca and Regional Commander of Tangier's Tetouan Civil Protection.



### Rusudan Kakhishvili

*Senior Adviser of the National Crisis  
Management Centre, DRR expert, Georgia*

**Rusudan Kakhishvili** is a Senior Adviser to the National Crisis Management Centre of the Emergency Management Service of Georgia. Since 2014, Rusudan closely works with various international and non-governmental organisations within the field of disaster management and coordinates response activities during the large-



scale emergency situations. Rusudan is a Georgian expert in disaster risk reduction and also a National Focal Point for Sendai Framework 2015-2030. Since 2016 she coordinates the cooperation between the Georgian Government and international organisations under the European Commission ECHO's DIPECHO Programme, aimed at the implementation of disaster risk reduction projects in line with the Disaster Risk Reduction Policy. Rusudan graduated from Law School (BA) in 2011 and holds two Master Degrees in Human Rights and Democratisation (2012) and EU Law and Political Science (2017).



### **Barbara Kerstiëns**

*Deputy Head of Fighting Infectious Diseases and Advancing Public Health Unit, DG RTD, European Commission*

**Barbara Kerstiëns**, MD, MPH is the Acting Head of Unit in the unit responsible for infectious diseases and public health in the Health Directorate of the Directorate-General for Research and Innovation at the European Commission. The unit promotes and supports EU research and innovation activities in the area of global health with emphasis on HIV/AIDS, malaria and tuberculosis, emerging epidemics, neglected infectious diseases, antimicrobial drug resistance as well as health promotion and health systems and services research. She has a long experience in international public health working for Médecins Sans Frontières, Johns Hopkins Bloomberg School of Public Health and the Directorate General for Development and Cooperation of the European Commission.



### **Fouad Lalaoui**

*Director of the Organisation and the Coordination of Emergency, General Direction of Civil Protection, Algeria*

**Fouad Lalaoui** is a State Forestry engineer and graduate of the Faculty of Water and Forestry Skopje/Formal Yugoslavia. He has a diploma of Advanced Studies from the National Polytechnic Institute Lorraine-Nancy in France, holds a Master's degree in Risk and Crisis Management from the University of Haute Alsace in France and studied at the National fire brigade officer school in Aix en Provence in France.



### **Antoine Lemasson**

*Head of Unit, Emergency Response Coordination Centre (ERCC), European Commission*

**Antoine Lemasson** is Head of the unit in charge of the Emergency Response Coordination Centre since 2017. He has been working for the European Commission's Directorate-General for Civil Protection and Humanitarian Aid Operations since 2002, notably on humanitarian affairs in Asia, Africa and the Middle East, communication and inter-institutional relations. He was also a member of the Cabinet of former Commissioner Kristalina Georgieva and worked at the EU Delegations in Togo and Jamaica.



### **Clemens Liehr**

*Project Manager of PLACARD, Environment Agency Austria*

**Clemens Liehr** holds a degree in Landscape Planning from the University of Applied Life Sciences Vienna. After years of working with various agencies and organisations involved in civil protection he is currently working with the Environment Agency Austria. His main field of interest is climate change adaptation with regard to disaster risk management, emergency management and risk communication. In 2018 his focus will also be on the consequences of climate change on nursing care and strategies to adapt. Liehr was involved in numerous research projects e.g. addressing challenges in disaster risk management. He is also an evaluator for the Horizon 2020 Secure Societies research work programme.



### **Dragan Lozančić**

*Director General National Protection and Rescue Directorate, Croatia*

**Dr. Dragan Lozančić** has been a government civil servant for well over two decades and has held several senior posts in the Republic of Croatia. In his most recent assignment, Dr. Lozančić served as the Director of the Croatian Security and Intelligence Agency (SOA) from October 2012 to May 2016. As Director of SOA, he introduced a



robust set of reforms, several new initiatives and an ambitious international cooperation agenda. Before that, Dr. Lozancic was the Assistant Defence Minister responsible for defence policy, planning and international security affairs. In his extensive civil service career, he was involved in international cooperation, defence management and modernisation (including military-technical projects), formulating security and defence policy, strategic planning, key security and defence reforms, as well as public affairs. He took part in developing the national security strategy, Croatia's accession to NATO and the government's EU accession negotiations. He has vast interagency experience, including the development of national legislation, key government policies and strategies. From 2006 to 2010 Dr. Lozancic was a member of the faculty at the College of International and Security Studies of the George C. Marshall European Center for Security Studies in Garmisch-Partenkirchen, Germany. He lectured on regional security, security sector reform and transnational security challenges. Dr. Lozancic was a defence diplomacy scholar at Cranfield University in the United Kingdom and holds the degree of M.S. in global security studies.



#### **Johannes Luchner**

*Director for Emergency Management, DG ECHO, European Commission*

**Johannes Luchner** is Director of the Emergency Management Directorate in European Commission's Directorate-General for European Civil Protection and Humanitarian Aid Operations (DG ECHO). Previously, Mr. Luchner has held numerous positions in the European Commission in the fields of development, humanitarian aid, industry and enterprise, technical assistance as well as financial and administrative reform. He has worked as desk officer, manager and Deputy Head of Cabinet of Vice-President Kinnock. He began his career as a university lecturer, free journalist and diplomat before joining the Commission in 1996. Mr. Luchner holds a Master's Degree in political science and history from the University of Vienna and a Ph.D. in international political economy from Penn State University.



#### **Angelo Masi**

*Full Professor of Structural Engineering at the University of Basilicata, Italy*

**Angelo Masi** is a full Professor of Structural Engineering at the University of Basilicata, Italy. He is a member of the Executive Board of the ReLUIS Consortium ([www.reluis.it](http://www.reluis.it)) and of the Managing Board of the Italian Communication Campaign "I don't take risks" ([www.iononrischio.it](http://www.iononrischio.it)). He is also guest editor of the Special Issue "2016 Central Italy Earthquakes" of the Bulletin of Earthquake Engineering Journal. He has been Scientific Responsible or Collaborator of several national and international research projects. His research activity is mainly related to Earthquake Engineering problems, resulting in about 250 papers on the leading international and national journals and in conference proceedings.



#### **Ingval Maxwell**

*International Consultant in Architectural Conservation*

**Ingval Maxwell** has 48 years of experience with Historic Scotland (HS) focusing on the conservation of ancient monuments and historic buildings, including 15 years as Director of HS's Technical Conservation, Research and Education Division. He has represented the UK in a variety of European Commission research projects, and acted as a World Heritage Site expert for ICOMOS/UNESCO. Having retired from HS in 2008, he is currently a Stone Federation Awards Judge. He advises the Royal Institute of British Architects (RIBA) on Conservation Accreditation issues and acts as chairman of the Council on Training in Architectural Conservation. He is also the vice-chair of the BIM4Heritage Group and a member of the RIBA Conservation Group.



#### **Carmel Mifsud**

*Project Leader of the National Flood Relief Project, Ministry for Transport, Infrastructure & Capital Projects, Malta*

**Carmel Mifsud** is an architect and civil engineer and advisor to the Office of the Permanent Secretary Ministry for Transport, Infrastructure and Capital Projects. From 1983 to 1991 he worked as resident engineer on the Marsaxlokk



Breakwater/FreePort Project. He has been director of several departments, such as the Building and Engineering Department, the Estates Management Department, the Building Construction Industry Department. He served also as chairperson of the Cottonera Rehabilitation Committee. From 2006 to 2012, he was the Director of General Services Division. He played a crucial role in setting up the Maltese Ministry's Occupational Health and Safety Unit, the Building Regulation Office and the Building Regulation Board (BRB). He served as Vice Chairperson of the BRB. He has also been the Project Leader for the National Flood Relief Project.



**Ian Norton**

*Manager of Global EMT Initiative, WHO*

**Ian Norton** is an Emergency Physician with a postgraduate qualification in Surgery, International Health and Tropical Medicine. Mr Norton heads the World Health Organization Emergency Medical Team (EMT) Initiative programme in HQ Geneva. Ian's work with WHO assists organisations and Member States to build capacity and strengthen health systems by coordinating the deployment of quality assured medical teams in emergencies. He is the lead author of the WHO Global Classification and Standards for Emergency Medical Teams deployments to disasters. He was previously the Director of Disaster Preparedness and Response at the National Critical Care & Trauma Response Centre (NCCTRC) based in Darwin, Australia. In this capacity, he led the Australian Government EMT (AusMAT) on several international deployments, including floods in Pakistan and Typhoon Haiyan in the Philippines in Tacloban. He was deployed for over 5 months to West Africa as part of the Ebola outbreak response in 2014/15 and led the coordination of 60 EMTs in three countries. He also led the coordination of 132 EMTs in Nepal during the earthquakes of April and May 2015. Recently with WHO, he helped establish the EMT trauma pathway as part of the Mosul response in Northern Iraq.



**Kathryn Oldham**

*Chief Resilience Officer, Greater Manchester Combined Authorities (GMCA)*

**Kathryn Oldham OBE** is the Chief Resilience Officer for Greater Manchester appointed in June 2017 to head up the city region's participation in the 100 Resilient Cities programme, an initiative pioneered by the Rockefeller Foundation. Prior to this she was Head of Civil Contingencies & Resilience for Greater Manchester's 10 local authorities, leading a specialist unit offering disaster risk reduction expertise together with an emergency response service. Kathryn led Greater Manchester's participation in the United Nation's Making Cities Resilient Campaign in which the city region has been recognised as a global role model. Kathryn holds a medical degree and has previously held a wide range of positions in local government.



**Laurence Païs**

*Deputy Secretary General of the Union for the Mediterranean*

**Laurence Païs** is Deputy Secretary General of the Union for the Mediterranean in charge of Social and Civil Affairs since September 2017. She is a French diplomat with 30 years experience in the areas of multilateral negotiations, cooperation and development. She participated in, inter alia, the negotiation of common positions on foreign and security policy, especially in the case of the countries in crisis in the Middle East and Africa. She was political advisor in the French embassies in Oslo and Ottawa, and held various positions in the French Ministry of Foreign Affairs. She was Head of Division for the Rule of Law, Human Rights and Democratic Governance of the Department and Deputy Director of plurilateral and sectoral issues to the Directorate-General for Political Affairs and Security. Before joining the Secretariat, she was Deputy Permanent Representative of France to the Political and Security Committee of the European Union.







### Monique Pariat

*Director-General,  
DG ECHO, European Commission*

**Monique Pariat** is appointed Director-General of the Directorate General for European Civil Protection and Humanitarian Aid Operations (ECHO) since September 2015. Prior to this post, she was Deputy Director-General in DG "Agriculture and Rural Development". She was responsible for EU-international trade relations in the area of agriculture and rural development, and for the further development of EU agricultural quality policies. She was also Director for the Mediterranean and the Black Sea in DG "Fisheries and Maritime Policy", Director for General Affairs in DG "Justice, Freedom and Security" and Director for Resources in DG "Agriculture and Rural development". She is an official at the European Commission since 1987. She graduated from the Institute of Political Studies of Strasbourg and holds a degree from the College of Europe in Bruges.



### Renáta Penazzi

*General Secretary of the Association of  
Samaritans of the Slovak Republic (ASSR),  
Slovakia*

**Renáta Penazzi**, before acting in the ASSR, was the Head of the District Office in Stará Ľubovňa. She has participated in the following exercises ARF DiReX Thailand 2013, ModEx 2013 and 2017, Union Civil Protection Mechanism trainings (CMI, MBC, OPM, AMC) and flood-related missions at national level in 2010, 2013 and 2014 and at international level in the Philippines in 2013. She has worked as ASSR Coordination Expert and coordinator of several EU co-financed projects such as the EURETS - European Emergency Temporary Shelters, EURAMET - European Aerial Medical Evacuation Team, HEC - Home Emergency Call, SAMETS - Social Affair Management in ETS and ECFS - Euracare Flight & Shelter.



### Normunds Popens

*Deputy Director-General for Implementation,  
DG REGIO, European Commission*

**Normunds Popens** is currently Deputy Director-General for Implementation in the Directorate General Regional and Urban Policy of the European Commission in charge of overseeing the implementation of structural and cohesion fund programmes in EU Member States and candidate countries. Before joining the European Commission in March 2011, he has occupied several posts in the Latvian diplomatic service. Notably from 2007 until 2011, he was a Permanent Representative of Latvia to the EU. Before that, he dealt with European affairs as Undersecretary of State of the Latvian Ministry of Foreign Affairs. He was also responsible for foreign trade and transatlantic relations and served as Ambassador in Norway, Iceland and as a diplomat in the USA.



### Pierre Schaller

*Chief of Training Department, Academy for Fire,  
Rescue and Civil Protection Officers (ENSOSP),  
France*

**Pierre Schaller**, after 37 years as fire officer, incident commander and aerial coordination officer, was more recently engaged during the hurricane season in the West Indies Coordination Centre. He is now in charge of the training for captains and lieutenants in the National Fire Officers Academy.

His aim is now to transmit to our young colleagues the prospect of an agile and efficient European civil protection, widely open to the mutual learning and best practises exchanges.



### Valentin Radev

*Minister of Interior of the Republic of Bulgaria*

**Valentin Radev** is the Minister of Interior of the Republic of Bulgaria since 2017. Between 2009 and 2013, he was Deputy Minister of Defence and gained extensive experience as Member of the National Assembly. Since 1983, he is research scientist in the Defence Advanced Research



Institute in Sofia. From 2000 to 2002, he was the Director of the Defence Research Institute. Prior to this, between 1999 and 2000, he was Deputy Director of the Defence Advanced Research Institute. He has graduated from the Artillery Academy in Shumen, has a Masters' Degree in Economics from the University of National and World Economy in Sofia and a doctoral degree in Ballistics and Aerodynamics from the Defence Advanced Research Institute in Sofia.



### Leonard Reinard

*Head of Division for Regional Development in the Projects Directorate of the European Investment Bank (EIB)*

**Leonard Reinard**, is since March 2016 the Head of Division for Regional Development in the Projects Directorate of the European Investment Bank (EIB). He joined the EIB in 2001 and held since then different positions in all three operational Directorates of the Bank. Before that, he worked for six years as a Credit Analyst and Team Head for Corporate and Structured Finance in the investment-banking arm of HypoVereinsbank. He studied Economics and Business Administration at Bonn and Saarbrücken University, as well as at Harvard Business School.



### Florian Rudolf-Miklauer

*Head of Torrent and Avalanche Control Department, Federal Ministry for Sustainability and Tourism, Austria*

**Florian Rudolf-Miklauer** holds a Master's degree in Forestry/Torrent and Avalanche Control from the University of Natural Resources and Applied Life Sciences Vienna. He is the Director of the Austrian Service for Torrent and Avalanche Control since 2016. He is also lecturer at the University of Vienna and the University of Natural Resources and Applied Life Sciences Vienna. He is a court-certified expert on Natural Hazard Management and author of numerous books and scientific papers on Natural Hazard Management and Risk Governance.



### Nancy Saich

*Senior Technical Adviser for Environment, Climate and Social Office, European Investment Bank*

**Nancy Saich** is one of the longest standing members of the Bank's Environmental Assessment Group, providing the Bank's wide range of project teams with due diligence support on environmental matters. She is also a founding member of the Bank's Inter-Directorate Climate Working Group. Following her move to the Bank's Environment, Climate and Social Office in 2011, Nancy has now a specific role as EIB's Adviser on Climate and Environment, and is responsible for leading the work on the Carbon Footprint of the Bank's Project portfolio. She also mainstreams climate resilience into the Bank's project work.



### Erminia Sciacchitano

*Policy officer at DG for Education and Culture, European Commission*

**Erminia Sciacchitano** is a Policy officer at the European Commission, DG for Education and Culture, working on policy development on cultural heritage and economy of culture, and as Chief Scientific Advisor of the task force for the European Year of Cultural Heritage 2018. She previously held positions as Head of Unit for International Relations and Research in the Italian Ministry for Heritage, Culture and Tourism, developing extensive experience on European cooperation on culture, managing EU funded research projects, and contributing to international working groups and committees on diverse policies (such as artists mobility, contemporary creation, sustainable architecture, digitisation, creative economy and promotion of a wider access to cultural heritage). Erminia is an architect, holds a PhD in Historic Buildings Survey and a Master's in European Studies and International Negotiations.





### Christos Stylianides

*Commissioner for Humanitarian Aid and Crisis Management, European Commission*

**Christos Stylianides** is the European Commissioner for Humanitarian Aid and Crisis Management since 1 November 2014. In October 2014, he was appointed EU Ebola Coordinator by the European Council. He was elected Member of the European Parliament. Following the 2014 European elections, Mr Stylianides became Member of the European Parliament where he served until October 2014. He was twice appointed Government Spokesperson of the Republic of Cyprus (in 2013-2014 and in 1998-1999). He was responsible for the management of the Government's communication strategy and was the head of the Government's centralised Press- and Information Office. During the period 2006-2013 he served as a Member of the House of Representatives of Cyprus (elected in 2006 and 2011). During his tenure, he served as Vice-Chair of the Committee on Foreign and European Affairs (2011-2013) and member of the Committee on European Affairs, the Committee of Internal Affairs and the Committee of Employment and Social Affairs (2006-2011). Between 2006 and 2011, he was a member of the OSCE Parliamentary Assembly and was elected Member of its Bureau in 2012.



### Bengt Sundelius

*Strategic Advisor to the Director General of the Swedish Civil Contingencies Agency*

**Bengt Sundelius** is since 1999 Professor of Political Science at the Swedish National Defence University, and since 2010 Strategic Advisor to the Director General of the Swedish Civil Contingencies Agency (MSB). He was Chief Scientist of the Swedish Emergency Management Agency and Director of Research for Strategy and Security Policy of the Swedish National Defence Research Institute. He served on the EU bodies, ESRAB, ESRIF and on the Advisory Group for Security Research. He founded the Societal Security Research Programme of NordForsk, the

Nordic Research Council. He has written many books and articles on societal security issues and has served on several government commissions in the areas of civil protection and security policy.



### Neven Szabo

*Head of Special Education Centre, National Protection and Rescue Directorate, Croatia*

**Neven Szabo** is the Head of the Special Education Centre of the National Protection and Rescue Directorate in Croatia. He is a professional fire officer with 32 years of experience in firefighting. For three years, he was professional fire officer at the Zagreb Fire Department. He has extensive experience as lecturer at the College of Occupational Safety and Health and as a teacher in a fire school. Mr Neven has published two books: "Basic management in firefighting" and "Basics of extinction of forest fires".



### Maria João Telhado

*Technician of the Municipal Service for the Civil Protection, Municipality of Lisbon, Portugal*

**Maria João Telhado** is a civil protection expert with over 20 years of experience. She is currently working on projects in relation to urban resilience, scorecards assessment, tools and dashboard assessment, international projects management, early warning systems, climate change, prevention and preparedness focusing on emergency planning, multi-Risk assessment, information and public awareness. Between 2011 and 2016, she was the Head of the Prevention and Public Awareness Division at the Lisbon City Hall (CML). She holds a Bachelor's degree in geography and regional planning and Master's degree in Geographical information Systems (GIS).



### Moez Tria

*Deputy Director, National Civil Protection Office, Tunisia*

**Moez Tria** is the Head of the Teaching Unit as well as the Service for studies and research within the major risk management, planning and training Unit. He is also Deputy Director of the civil protection, volunteers' and public's training. He has been the project leader of IPCAM1 and IPCAM2.





### Cvetka Tomin

*Team Leader, Instrument for Pre-Accession Assistance Disaster Risk Assessment and Mapping in the Western Balkans and Turkey Programme (IPA DRAM)*

**Cvetka Tomin** has over 25 years of extensive national and international experience in disaster management, capacity-building for disaster preparedness and disaster risk reduction in particular in South-Eastern Europe. Cvetka graduated in Political Science and Defense Studies from the University of Ljubljana in Slovenia. She has served in different positions in Slovenia's governmental organisations for 10 years and then started her international engagements. Before joining the Swedish Civil Contingencies Agency (MSB) in her current position of Programme manager/Team leader of IPA DRAM regional programme, she was working for UN, NATO, Stability Pact for South Eastern Europe as well as for several EU funded projects and programmes.



### Virpi Tuulikki Teinilä

*Technical Consultant, International Federation of the Red Cross and Red Crescent Societies, Finland*

**Virpi Tuulikki Teinilä** has 14 years of experience as registered nurse in Finland, Sweden and Norway. She is a member of the Finnish Red Cross International Delegate Roster since 2006 and has been deployed on several missions as humanitarian professional, nurse, staff health, med/log and team leader in Europe, Sierra Leone, Haiti, Zimbabwe and Pakistan. She has planned and maintained emergency response units for the Finnish Red Cross for 6 years and organised as well as facilitated several trainings.



### Uddholm Lars-Göran

*CEO/CFO of Södertörn Fire and Rescue Services Association, Sweden*

**Uddholm Lars-Göran** is the CEO/CFO of Södertörn Fire and Rescue Services Association. Before assuming this position in 2010, he was responsible for the organisations production division for around 10 years. He is currently the chair of the Center for Advanced Research in Emergency Response. He has also been assigned to several

international missions as team leader for the Swedish USAR team. He has served as an expert and senior advisor in crisis management for both the Swedish Government and the Stockholm County administration board.



### Elena Višnar Malinovská

*Head of the climate adaptation unit in DG Climate Action, European Commission*

**Elena Višnar Malinovská** is currently the Head of the climate adaptation unit in DG Climate Action of the European Commission. Since her enrolment in the European Commission 12 years ago she held several different positions in the Commission. As a policy officer in the Secretariat General, she dealt with environment, energy, mobility and climate policies (2005-2010, 2014-2016). In the Cabinet of the Commissioner responsible for environment (2010-2014), she spearheaded the review of the air quality legislation as well as oversaw the infringements policy in the environment field. During the Slovak Presidency (2016), she acted as a spokesperson for COREPER I matters (including climate policy). She holds a law degree from the Comenius and Thyrnaviens universities ("JUDr.") and made European studies abroad (Sciences Po in Paris, College of Europe in Poland).

### Wolfgang Philipp

*Head of Unit for crisis management and preparedness in health in the Public Health, Country Knowledge, Crisis Management Directorate, European Commission*



**Wolfgang Philipp** is the Head of Unit for Crisis Management and Preparedness in Health in the Public Health, Country Knowledge, Crisis Management Directorate. His unit is dealing with activities contributing to preparedness and crisis management related to cross-border health threats, vaccination policy, antimicrobial resistance, HIV, tuberculosis, hepatitis policy, joint procurement of medical countermeasures, global health security and other files. He holds a PhD in microbiology of the University of Paris in France, and has been working in tuberculosis research at the Institute Pasteur, and at the Universities of Bern and Basel in Switzerland. He was a Member of the Basel Institute of Immunology before joining the European Commission in 2001.



## Exhibition on Disaster Risk Communication and Awareness

Communicating risk to decision-makers and to the public is the first step of any sound disaster risk management strategy. Effective risk communication is essential to increase the awareness of key stakeholders, such as households, businesses and governments before, during and after a disaster. It informs them about measures they can take for prevention, mitigation, preparedness and emergency response. A good disaster risk communication is based on science and evidence while remaining accessible and action-oriented. At a time when the risk landscape is becoming increasingly multi-faceted and complex, supporting risk

communication is one of the key challenges that the Union Civil Protection Mechanism needs to address.

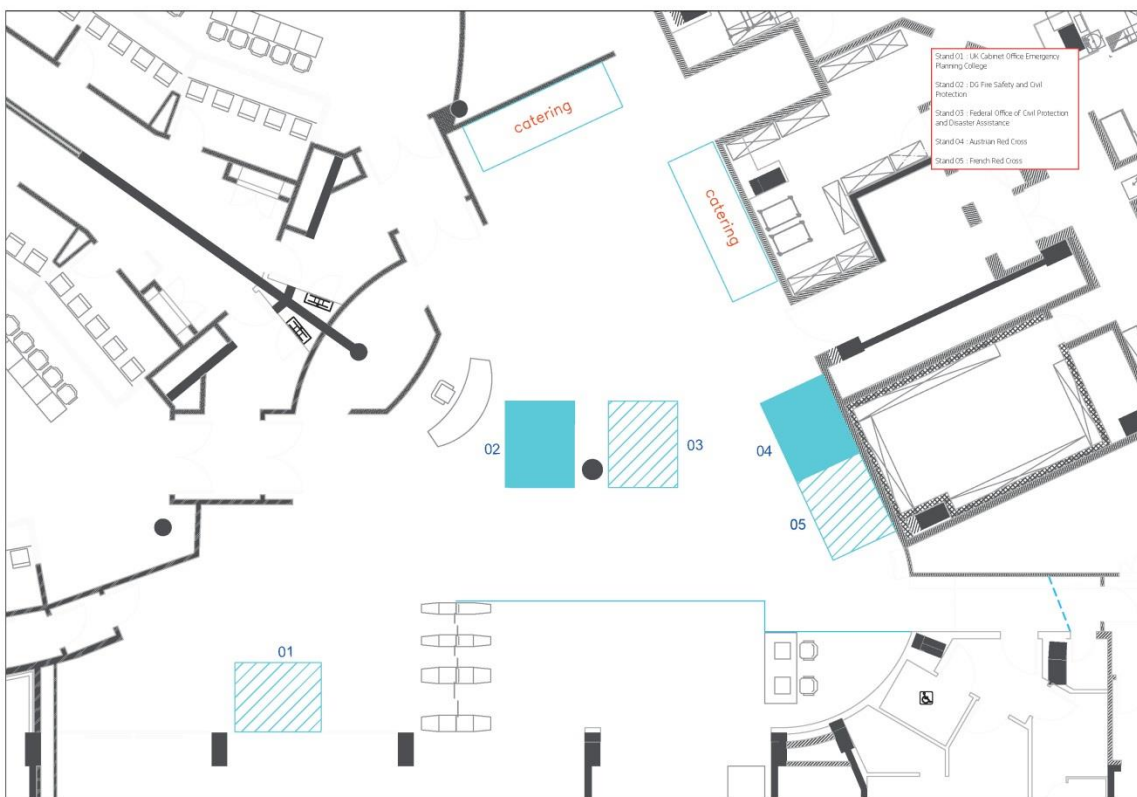
In the context of the European Civil Protection Forum 2018, an exhibition will showcase different solutions and good practices in the field of disaster risk communication and awareness. During the two days of the Forum, several stakeholders from across Europe will present in dedicated stands specific projects and initiatives undertaken in this area and will be available to contribute with their first-hand experience to the discussions.

### List of exhibitors

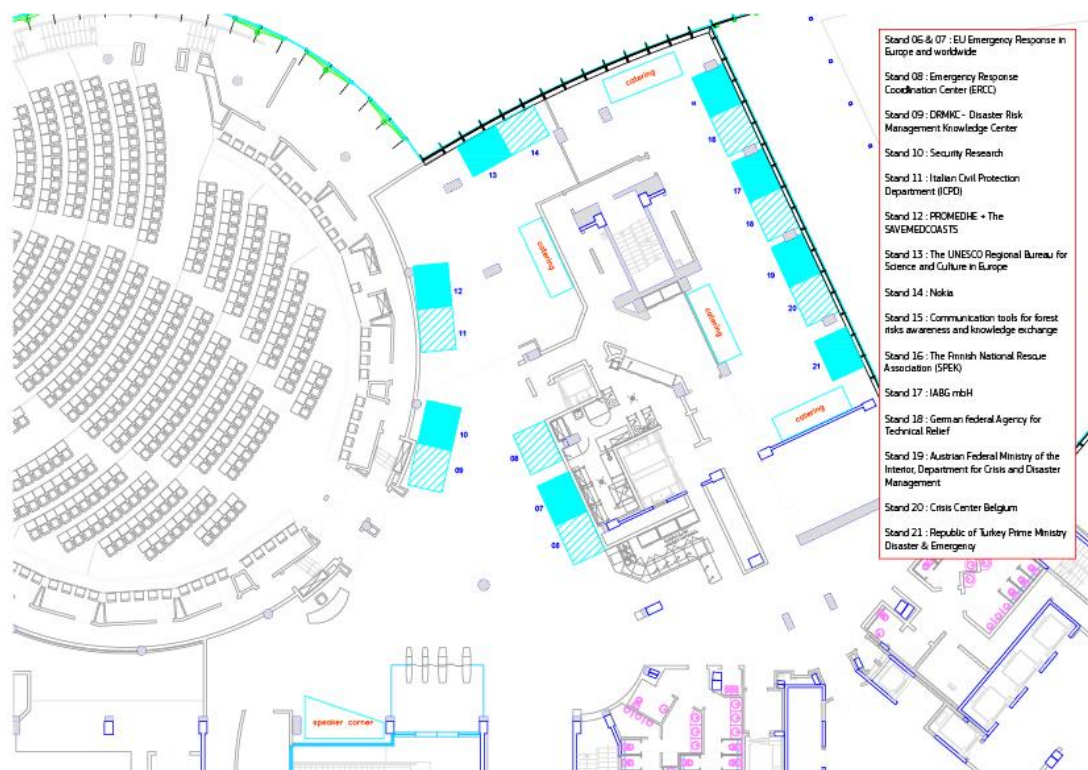
1. Cabinet Office Emergency Planning College, UK
2. DG Fire Safety and Civil Protection, Bulgaria
3. Federal Office of Civil Protection and Disaster Assistance, Germany
4. Austrian Red Cross
5. French Red Cross
6. & 7. EU Emergency Response in Europe and worldwide, DG ECHO
8. Emergency Response Coordination Centre (ERCC), DG ECHO
9. DG Joint Research Centre
10. DG HOME/Research Executive Agency
11. & 12. Italian Civil protection Department (ICPD), National Institute of Geophysics and Volcanology, Italy
13. UNESCO Regional Bureau for Science and Culture in Europe (BRESCE)
14. Nokia
15. Forest Sciences and Technology Centre of Catalonia (CTFC), Spain
16. The Finnish National Rescue Association (SPEK)
17. IABG mbH (Industrieanlagen Betriebsgesellschaft mbH), Germany
18. German Federal Agency for Technical Relief (THW), Germany
19. Department for Crisis and Disaster Management, Austria
20. CrisisCenter Belgium
21. Prime Ministry Disaster and Emergency Management Authority, Turkey



### CHARLEMAGNE BUILDING, Ground Floor



### CHARLEMAGNE BUILDING, 2<sup>nd</sup> Floor



## 1. Cabinet Office Emergency Planning College, UK



The **Cabinet Office Emergency Planning College (EPC)** is the UK Centre of Excellence for Resilience. The EPC offers a range of resilience capability development services in the UK and around the world. EPC will highlight risk communication as an integral part of civil protection, reflecting changes in the risk landscape.

## 2. DG Fire Safety and Civil Protection, Bulgaria



The Children's drawing competition "*I saw the disaster with my eyes*" aims at raising children's awareness about risks as well as their knowledge of disasters and capacity to respond in case of an emergency. In addition, the National Training Centre of the Ministry of Interior (Montana) present at the Forum stand provides a broad basis for learning and raising public awareness through trainings and exercises, including within the framework of the Union Civil Protection Mechanism.

## 3. Federal Office of Civil Protection and Disaster Assistance, Germany



Implemented by the Austrian Red Cross, the German Federal Office of Civil Protection and Disaster Assistance, the Romanian Babes-Bolyai University of Cluj and the Romanian General Inspectorate for Emergency Situations, **YAPS** aims to raise young people's awareness towards possible dangers in everyday life.

## 4. Austrian Red Cross



**ReCheck** (Resilience Check) is a project co-funded by the EU, that successfully created and tested a new methodology to improve the resilience of families and households to be better prepared when a disaster or crisis hit. Experienced volunteers (REcheckers) are visiting participants (e.g. household, neighbours, subject related groups) in order to assess the preparedness of individuals and groups for disaster situations through an interactive question-and-answer process facilitated by an electronic REcheck tool installed on tablets. ReCheck has been carried out in Austria, Bulgaria, Croatia, France and Germany.



## 5. French Red Cross



The **Paré pa Paré** project aims to reduce the vulnerability of Reunionese populations to major natural hazards by raising awareness and promoting appropriate behaviours as well as mobilising original educational approaches based on extended partnerships. The project is financed by the European Regional Development Fund (ERDF). The project's partners include the Reunion Regional Council, EMZPCO, Académie de la Réunion, and Directorate for the Environment, Planning and Housing.

## 6. & 7. EU Emergency Response in Europe and worldwide, DG ECHO



**EU Emergency Response** travelling exhibition will tour six European cities from April to July 2018. Visitors of this travelling exhibition will have the opportunity to experience virtual reality, filmed with 360-degree camera equipment. Visitors can first observe the duty officers at work in the Emergency Response Coordination Centre and then "zoom into" an EU-funded humanitarian aid project, in a Rohingya refugee camp in Bangladesh. Visitors can also witness a disaster preparedness exercise in Denmark carried out in the framework of the Union Civil Protection Mechanism and, finally, find themselves in the cockpit of a Canadair fighting a forest fire. The exhibition is an opportunity to inform the general public about the impact of EU emergency response in the areas of civil protection and humanitarian aid, and to highlight key achievements in emergency response in Europe and worldwide. It is an opportunity to illustrate how EU protects and saves lives, in Europe and worldwide.

## 8. Emergency Response Coordination Centre (ERCC), Copernicus Emergency Management Service (EMS)



The **Emergency Response Coordination Centre (ERCC)**, operating within the European Commission's Directorate-General for Civil Protection and Humanitarian Aid Operations, collects and analyses real-time





information on disasters, monitors hazards, prepares plans for the deployment of experts, teams and equipment. It works closely with Member States to map available assets and coordinate the EU's disaster response efforts by matching offers of assistance to the needs of the disaster-stricken country. Printed materials, screen videos, such as footage from Euronews, forest fire responses, exercises and maps as well as online tools (ERCC portal, EFFIS, EFAS) will be presented.

**Copernicus Emergency Management Service (Copernicus EMS)** provides information for emergency response in relation to different types of disasters, including meteorological hazards, geophysical hazards, deliberate and accidental man-made disasters and other humanitarian disasters as well as prevention, preparedness, response and recovery activities.

## 9. Disaster Risk Management Knowledge Centre (DRMKC), JRC



The **Disaster Risk Management Knowledge Centre (DRMKC)** provides a networked approach to the science-policy interface in DRM, across the European Commission, EU Member States and the DRM community within and beyond the EU. This European Commission initiative builds on three main pillars: (i) Partnership, (ii) Knowledge and (iii) Innovation, facilitating the uptake of science in policy formulation and its implementation.

## 10. Security Research, DG HOME/REA



**Security Research** focuses on increasing Europe's resilience to crises and disasters. Security is a priority of the European Commission while research is fundamental to address many of the security challenges. The Directorate General for Migration and Home Affairs contributes to this goal by setting the policy agenda for security research (embedded in the annual work programmes). Also, the Research Executive Agency contributes to this priority by managing the projects funded under the Security theme of the Seventh Framework Programme (FP7) and by implementing part of the Horizons 2020 (SC7) related to secure societies. Security Research will present to the civil protection community a number of projects that aim to raise citizens' awareness on risks and how to communicate about them.



## 11. & 12. Italian Civil Protection Department (ICPD), National Institute of Geophysics and Volcanology



The **DRM Corner** aims to provide information about the activities performed by the National Civil Protection system of Italy. It will provide a better understanding on how civil protection is carried out in an EU Member State and how different actors interact on the ground.

The “**Protecting Mediterranean Cultural Heritage During Disasters**” project (**PROMEDHE**), coordinated by the Italian Civil Protection Department, is an effort to join forces among five National Civil Protection Authorities of the Mediterranean Region (Cyprus Civil Defence, Palestinian Civil Defence, National Emergency Management Agency of Israel, Jordan Civil Defence, Fondazione Hallgarten – Franchetti Centro Studi Villa Montesca), in order to exchange knowledge and work together to improve the protection of Mediterranean cultural heritage in case of an emergency.

Global mean sea level is expected to increase from 75cm to 190cm by 2100, this representing among the most serious impacts of climate change to face in the next years. The **SAVEMEDCOASTS** project, coordinated by the National Institute of Geophysics and Volcanology of Italy, aims to provide multi-temporal scenarios of expected inland extension of marine flooding in consequence of sea level rise in the Mediterranean area. Partners of the project include the Aristotle University of Thessaloniki, the Centre of Integrated Geomorphology for the Mediterranean Area (CGIAM), the Euro-Mediterranean Centre on Climate Change (CMCC), ISOTECH and the Regional Union of Municipalities of Ionian Islands.

## 13. UNESCO Regional Bureau for Science and Culture in Europe



The UNESCO Regional Bureau for Science and Culture in Europe will present three projects: I-REACT, FLOODIS and PROTHEGO.

The **Improving Resilience to Emergencies through Advanced Cyber Technologies (I-REACT)** project, funded by H2020, will be the first European-wide platform to integrate emergency management data coming from multiple sources, including information provided by citizens through social media and crowdsourcing, in order to effectively prevent and/or mitigate the impact of natural disasters. Parties involved include the Istituto Superiore Mario Boella (ISMB), the United Nations Organization for Education, Science and Culture (UNESCO), GeoVille, EoXplore UG, TerraneaUG, Alpha, Politecnico di Torino, CELI, JoinPad, Finnish



Meteorological Institute, Meteosim, Bitgear, AnsuR, Fondazione Bruno Kessler, Technical University of Wien, Scienseed, CSI Piemonte, Aquobex, Answare and the Joint Research Centre.

**Integrating GMES Emergency Services with satellite navigation and communication for establishing a flood information service (FLOODIS)** is a project jointly managed by Istituto Superiore Mario Boella (ISMB), the United Nations Organisation for Education, Science and Culture (UNESCO), GeoVille, EoXplore UG, Terranea UG, Alpha and NDC. Funded under the Seventh Framework Programme, it provides alerting and management information on the occurring flood events with high-accuracy, location-based information from the Disaster Management teams, Civil Protection Agencies and citizens through a smart phone application.

#### ***PROtection of European Cultural HERitage from GeO-hazards***

The **Protection of Cultural Heritage Sites from Geo-Hazards (PROTHEGO)** project Funded by the JPI-CH, the PROTHEGO project aims to make an innovative contribution towards the analysis of geo-hazards in areas of cultural heritage in Europe. PROTHEGO applies novel space technology based on radar interferometry (InSAR) to monitor UNESCO monuments and sites in Europe which are potentially affected and unstable due to geo-hazards. Partners of the project include the Institute for Environmental Protection and Research (ISPRA), the Natural Environment Research Council (NERC), Cyprus University of Technology, University of Milano-Bicocca and the Geological Survey of Spain (IGME).

## **14. Nokia Saving Lives**



**Nokia Saving Lives** is an innovation and a non-profit initiative in support of the UN Sustainable Development goals. It puts forward the value of high capacity mobile broadband and drones in emergency aid. Nokia Saving Lives combines a portable network, drones, analytics, and operators in close cooperation with governmental & non-governmental organisations.

## **15. Forest Sciences and Technology Centre of Catalonia (CTFC)**



Communication tools for forest risks awareness and knowledge exchange enhance the forest's risks expert/practitioner knowledge exchange across EU and promote networking to build up risk culture within a climate change context.

Consortium: Forest Sciences Centre of Catalonia –CTFC, European Forest Institute –EFI, Pau Costa Foundation – PCF, Forest Research Institute of Baden-Württemberg –FVA, ENTENTE, Civil protection General Directorate of Regione Sardegna – DGPC-RAS. This project was supported by the Union Civil Protection Mechanism (UCPM).



## 16. The Finnish National Rescue Association (SPEK)



The Finnish National Rescue Association (SPEK) will showcase three “Public awareness for self-preparedness” projects: **Our Safe Village; 72 Hours; Participatory Safety for Vulnerable Groups**. The projects aim to increase risk awareness among citizens, including vulnerable groups, and promote self-preparedness. The projects are carried out using various participatory methods and approaches in cooperation with several public and private actors.

## 17. IABG mbH (Industrieanlagen Betriebsgesellschaft mbH) Germany



The project on "**Urban Disaster Resilience through Risk Assessment and Sustainable Planning**" (UD-RASP) aims at enhancing urban multi-hazard disaster prevention and resilience in Tunisia, with the city Monastir as a pilot area under consideration of climate change aspects. The project's team, led by IABG, includes the United Nations University - Institute for Environment and Human Security (UNU-EHS) and the Municipality of Monastir.

## 18. German Federal Agency for Technical Relief (THW)



On behalf of the German government, **THW** supports the creation of volunteer structures and provides equipment and training. Integrating volunteers into civil protection shows multiple benefits in strengthening operational capacities, enhancing cooperation and identification of civil society and governmental authorities. Together with Tunisian, Jordanian and Iraqi civil protection partners this approach is adapted to the specific circumstances and needs in the respective societies.



## 19. Federal Ministry of the Interior, Department for Crisis and Disaster Management, Austria



**KATWARN Österreich/Austria** is a new multi-channel infrastructure, which enables federal and regional authorities to provide geo-referenced information, warnings and alarms to the public using a smartphone app, e-mail and SMS-services. This service can be used in case of emergencies, such as terror attacks and shooting rampages, natural and industrial crises and disaster situations or extreme weather conditions. KATWARN technology is compatible with electronic panels of public transport companies (e.g. at bus stops), electronic advertisement boards, taxi call and control centres, intelligent vehicle systems and on-board computers. The KATWARN App is the first one which works with international roaming technology in Europe.

## 20. CrisisCenter Belgium



**BE-Alert** is a warning system to alert and inform citizens during an emergency situation, based on their registered address or on their presence in a certain zone. BE-Alert was promoted as part of a larger campaign "RiskInfo", which aims to strengthen the preparedness of Belgian citizens.

## 21. Prime Ministry Disaster and Emergency Management Authority, Turkey



The **Disaster Management and Decision Support System (AYDES)** has been developed with the aim of managing effectively the disaster and emergency management processes and creating a management model based on a IT infrastructure and a decision support system required for both pre-disaster risk reductions & preparations and post-disaster intervention and recovery.



## General Information

### REGISTRATION AND ACCESS TO THE CHARLEMAGNE AND BERLAYMONT BUILDINGS

Registration will take place at the registration desk at the entrance of the Charlemagne building located at Rue de la Loi 170.

- March 5 from 09:00 to 10:00
- March 5 from 13:00 to 14:00
- March 6 from 08:00 to 09:00

For security reasons, all participants must be registered and wear their badges at all times both days.

### INTERNET ACCESS

Wi-fi is available free of charge during both days of the Forum in the conference venue. The username and password are indicated on the back of participants' badge.

### EMERGENCY SERVICES

- **112** – Main European Emergency Call (fire brigade, police, ambulance)
- **02 279 79 79** – Brussels Police
- **070 245 245** – Poison Unit

### CONTACT INFORMATION

In case you have any questions or feedback regarding the Forum, you are welcome to contact us at:

[ECHO-CP-FORUM@ec.europa.eu](mailto:ECHO-CP-FORUM@ec.europa.eu)

Address: European Commission, Directorate-General for European Civil Protection and Humanitarian Aid Operations, A.4. Civil Protection Unit, Rue de la Loi 86, B-1049 Brussels





