



net risk work



Funded by
European Union
Humanitarian Aid
and Civil Protection

Networking for the European Forest Risk Facility initiative

Dissemination Actions Report

Deliverable nº 14

(Solsona, November 2018)



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1. General reminder

Project title: **Networking for the European Forest Risk Facility initiative (NET RISK WORK)**

Agreement Number: **ECHO/SUB/2016/740171/PREV10**

Website and mail: <http://netriskwork.ctfc.cat> *Email:* netriskwork@ctfc.cat

Calendar: 1/01/2017 – 30/11/2018 (23 month)

Partnership:

(Coordinator) Forest Science and Technology Centre of Catalonia – CTFC (Spain)

(B1) European Forest Institute – EFI (Germany)

(B2) Forest Research Institute Baden – Württemberg – FVA (Germany)

(B3) Civil protection General Directorate of Regione Autonoma Sardegna – DGPC RAS (Italy)

(B4) Entente pour la forêt Méditerranéenne – EPLFM (France)

(B5) Fire Ecology and Management Foundation Pau Costa Alcubierre – PCF (Spain)

(Collaborator) U. K. Forestry Commission (United Kingdom)

Objective:

NET RISK WORK aims to provide a platform for best practices and knowledge exchange on the main natural risks affecting European forests, as well as promote networking at regional and cross-national level facilitating the sharing experience among natural hazards expertise and risk managers, enhancing uptake of innovation and research to decision-making.

Specific objectives:

- 1) Provide a useful understanding and knowledge about the disturbance ecology behind different forest risks (wildfires, storms, avalanches and floods) and the relation with the ecosystem functioning, with the aim of mitigate effects and reduce impacts and damage.
- 2) Promote networking and knowledge exchange in different forest risks at European level.
- 3) Identify and share best practices and operational tools and undertake a crosslink risks assessment for a better comprehension on how natural hazards are interacting in a climate change scenario, and what can be used from lessons learnt between regions and other risks experiences.
- 4) Provide a permanent infrastructure for best practices and tools transfer to end-users on forest risks management and risk disaster reduction strategies throughout permanent regional knowledge repository platforms at local/regional level in specific natural hazards.
- 5) Promote synergies at European level between regional nodes and with European initiative for improving the use and uptake of research and operational knowledge.



2. Project presentation in seminars, conferences and workshops

Below is the summary of all the activities where the NET RISK WORK project was present. The results are arranged chronologically from the start of the project until its completion.

Specific project actions:

9th – 11th May 2017 / Freiburg (Germany). A three days' workshop has been held in Freiburg in the framework of the NET RISK WORK project, by the hand of German partner FVA. The main goal of the meeting was to set up the theoretical basis for developing a robust network aiming to deal with natural hazards and risk culture. A special focus on risk perception and the social factor was figured out, as well as the needs to join efforts and perform the sharing of knowledge among all the stakeholders dealing with forest risk. Representatives: Organized by the NET RISK WORK project.

4th – 6th October 2017 / Solsona (Catalonia). 1st NATURAL HAZARDS RISK MANAGEMENT WORKSHOP – Managing forest risks towards disaster reduction: the case of wildfires, storms, floods and avalanches and their interactions. A three days' workshop has been held in Solsona in the framework of the NET RISK WORK project, by the hand of the Forest Sciences and Technology Centre of Catalonia (CTFC). The main goal of the workshop was to group risk experts from different European regions, in order to exchange and discuss all their knowledge and experiences in dealing with the four major natural risks affecting the European forest (storms, forest fires, snow avalanches and floods) and their potential interaction in a climate change context. A total of 45 experts represented 10 different European countries, coming from Switzerland, Andorra, Germany, France, Lithuania, Bulgaria, UK, the Netherlands, Italy and Catalonia. Representatives: Organized by NET RISK WORK project.

10th – 13th April 2018 / Cagliari (Sardinia). 2nd NATURAL HAZARDS RISK MANAGEMENT WORKSHOP – Emergency Management and Risk Governance towards Resilient Societies. A three days' workshop has been held in Cagliari in the framework of the NET RISK WORK project, by the hand of the General Directorate of Civil Protection of the Autonomous Region of Sardinia (DGPC-RAS). This workshop is the continuation, complementing the discussions and results figured out, of the 1st project workshop held in Solsona during October 2017, focused in "Managing forest risks towards disaster reduction" in the specific cases of wildfires, storms, floods and avalanches risks, as well as their potential interactions. In the present event, the main goal was to provide a common meeting and discussion space on expert knowledge about wildfires, floods, storms and avalanches risks, with particular emphasis on emergency management, community involvement, risk communication and policy development. representatives: organized by the NET RISK WORK project.

27th November 2018 / Solsona (Catalonia). Jornada PATT- "Gestió de riscos naturals i canvi climàtic: estat de la qüestió" - Seminar on natural hazards management and climate change: state of the art. A final seminar has taken place in Solsona, in order to present and discuss around the results and main conclusions figured out during the NET RISK WORK project. The journey has allowed to transfer the main outputs to potential end users such as the Forest Owners Centre of Catalonia, or the Catalan Climate Change Office. The importance of this type of projects and methodological approaches was recognized from the audience. Representatives: Organized by the Forest Science and Technology Centre of Catalonia.



Other actions involving the project:

16th January 2018 / Barcelona (Catalonia). NET RISK WORK project results presentation about the specific case study focused on landscaping with forest hazards in mind, into the framework of the Landscaping MSc of the School of Architecture of Barcelona. Representative: Eduard Plana, CTFC.

26th January 2017 / Madrid (Spain). NET RISK WORK project has been presented in the annual Civil Protection meeting held in Madrid, in order to transfer the lessons learned on the EU DG-ECHO funded projects management. All participants could share experiences on this specific call and exchange needs and opportunities to increase the capacity to face the risk management challenges along EU region on the up-coming years. Representatives: Eduard Plana, CTFC.

26th – 27th October 2017 / Brussels (Belgium). Representatives of the NET RIKS WORK project has attended in a two days' workshop in the frame of the PLACARD interchange project, on "Using strategic narratives to help integrate climate change adaptation (CCA) and disaster risk reduction (DRR)". During the workshop many methods and approaches were tested for the development and use of strategic narratives to integrate CCA and DRR communities. One more chance to meeting multiple knowledge domains and exchanging lessons as a powerful tool when facing with complexity and uncertainty. Representatives: Eduard Plana, CTFC; Marta Serra, CTFC; Marc Font, CTFC.

19th January 2018 / Valabre (France). The NET RISK WORK project was present during the final seminar of the project IGNIS (<https://www.ignis-project.eu/>), which served to led know about it scope and objectives to a total of 50 expert firefighters coming from France, Italy, Portugal and Denmark, and having some discussions about risks and potential cascade effects upcoming in the near future. Representatives: Alice Clemenceau, EPLFM.

18th – 21th February 2018 / Písek (Czech Republic). The NET RISK WORK has participated in the exciting kick-off workshop of the project SUsstaining and Enhancing REsilience of European Forests (SURE). The event has addressed disturbance related risks as an integral part of sustainable forest management. Amongst other projects, the NET RIKS WORK was presented as an existing initiative in building-up network, and addressing how it can support a European Forest Risk Facility. During the event, is has also being defined the conditions, pre-requisites, roles and functions of a 'European Forest Risk Facility Secretariat' and of regional network nodes, presenting the European Wildfire Risk Node, being developed under the NET RISK WORK framework. I sum, the event was an unbeatable situation for expert knowledge exchange as well as to experience practices on forest management aiming to enhance forest resilience in conifer production forests. Representatives: Eduard Plana, CTFC; Marc Font, CTFC, Oriol Vilalta, PCF.

5th – 6th March 2018 / Brussels (Belgium). The NET RISK WORK project has been exhibited during the 6th European Civil Protection Forum 2018 "Civil Protection in a Changing Risk Landscape". The European Civil Protection Forum is the largest recurring public event on European civil protection cooperation. It is organised every two years by the European Commission's Civil Protection and Humanitarian Aid Operations department (ECHO). The event brings together the European civil protection community to take stock of common achievements in the disaster risk management field, share best practices and ideas, and discuss ways of addressing new challenges together. Specifically, NET RISK WORK consortium, represented by CTFC, EFI and PCF, has emphasized on how forest risks are increasingly affecting societies as well as the potential trends of risk interaction under climate change



context. Visitors have shown many interest on the “risk platform” concept as a tool for networking and expert knowledge risk communication and sharing, as it presents some parallelisms with the Disaster Risk Management Knowledge Centre (DRMKC) with regards the functioning and structure. Representatives: Marc Font, CTFC; Oriol Vilalta, PCF; Laura Nikinmaa, EFI.

21th – 24th May 2018 / Missoula (US). The European Wildfire Risk Node (<http://firenode.lessonsonfire.eu/>) was presented during the Fire Continuum conference that took place in Missoula (US) in May 2018. The conference gathered researchers and practitioners mainly from the US but also from other world regions. The initial steps of designing and defining the strategic lines of work of the EWRN were presented, as well as the services, actions and experiences planned. Representatives: Nuria Prat, PCF.

29th May 2018 / Girona (Catalonia). The NET RISK WORK project has participated on the kick-off meeting of the cross-border COOPEREM project (POCTEFA call – France/Spain). COOPEREM seeks to enhance and strength the cooperation between French and Catalan institutions to jointly face the wildfire risk prevention and management. In this sense Mr. Eduard Plana on behalf the NET RISK WORK partnership has putted efforts to highlight the need of collect – connect -share knowledge and experiences to empower risk managers and stakeholders, in order to build up a resilient society. Representatives: Eduard Plana, CTFC.

6th – 8th June 2018 / Solsona and Barcelona (Catalonia). The NET RISK WORK project was presented on the international conference “Communicating risks in decision support systems”, organized the SuFORun Project & IUFRO Risk Analysis Unit. NET RISK WORK team has also organized and guided the fieldtrip focused on the wildfire risk management in Catalonia, from a transverse view “nature – economy – society”, in order to highlight the main operational challenges and strength britches between science and practitioners. Representatives: co-organized by NET RISK WORK project.

26th – 28th June 2018 / Oporto (Portugal). The NET RISK WORK project was invited to be presented into the annual meeting organized by the Joint Planted Forests Facility and the IEFC. Taking advantage of the event, NET RISK WORK has also be present during the Scientific seminar on “Global Change and Associated Risk: Trends and Preparedness in the Planted Forests of Europe”, which took place on 27th June, under the frame work of the project Transnational Plans for the Management of Forest Risks – PLURIFOR. Representatives: Marc Font, CTFC; Eduard Plana, CTFC.

7th – 12th October 2018 / Innsbruck (Austria). The NET RISK WORK project has participated in the International Snow Science Workshop (ISSW 18), presenting a poster with a case study on multi-hazard assessment; the case of the wildfires and snow avalanches in Pyrenees protection forests. A nice opportunity to introduce some of the project’s methodologies developed on risks interactions assessment, and share points of view with other experts related to risk management, such as representatives of the Swiss Federal Institute for Forest, Snow and Landscape Research, or the U.S. Forest Service. Representative: Marc Font, CTFC.

11th – 12th October 2018 / Freiburg (Germany). A representative of the NET RISK WORK project, member of GENCAT, has participated in the SURE project workshop “Res2Storm – pan-European Workshop on Wind, Storms, and Forests”. The objective of the workshop was to map operational tools and processes to cope with storm events along the crisis management cycle (“*intervention*”, “*recovery*”, “*prevention*”, “*preparedness*”), in three different operational levels (stand, enterprise and



policy/society). In this sense, the workshop summarizes and expand the result figured out in the NET RISK WORK project, with very special attention on the cross-sectoral topics to organize the discussions. Representative: Montserrat Solanelles, GENCAT.

6th November 2018 / Barcelona (Catalonia). NET RISK WORK project results were presented in the Forum on Catalan Wildfire Research. Representative: Eduard Plana, CTFC; Marta Serra, CTFC.

3. General project dissemination articles and news

Type of document	Date	Title	More information
Institutional blog news	November 218	Els reptes de la gestió dels riscos naturals i el canvi climàtic	http://blog.ctfc.cat/ca/els-reptes-de-la-gestio-dels-riscos-naturals-i-canvi-climatic-el-29-de-novembre-a-solsona/
Institutional blog news	June 2018	How to implement risk management in future forestry? A conference trip to Solsona, Spain	https://resilience-blog.com/2018/06/15/how-to-implement-risk-management-in-future-forestry-a-conference-trip-to-solsona-spain/
Institutional blog news	April 2018	Emergency management and natural risk governance have been the central focus of the second international workshop of the project NET RISK WORK	http://blog.ctfc.cat/en/emergency-management-and-natural-risks-governance-have-been-the-central-focus-of-the-second-international-workshop-of-the-net-risk-work-project/
NET RISK WORK partnership expert interview	October 2017	Climate change blamed as EU's forest fires more than double	https://www.euronews.com/2017/10/16/how-europe-s-wildfires-have-more-than-trebled-in-2017
Institutional blog news	October 2017	Predicting forest risks and building up resilient societies	https://resilience-blog.com/2017/10/25/predicting-forest-risks-and-building-up-resilient-societies/#more-181
Institutional blog news	October 2017	A multi-hazard perspective on disaster risk reduction and	https://www.placard-network.eu/towards-resilient-forest-landscapes/



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		climate change adaptation for forest landscapes	
Institutional blog news	February 2017	Lancement du projet européen NET RISK WORK	http://www.entente- valabre.com/blog/238/50/lancement-du- projet-europeen-net-risk-work
Project newsletter	Winter 2017	FIRE-IN newsletter n°1	https://mailchi.mp/66901da4f09e/fire-in- newsletter-1



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4. NET RISK WORK in Twitter

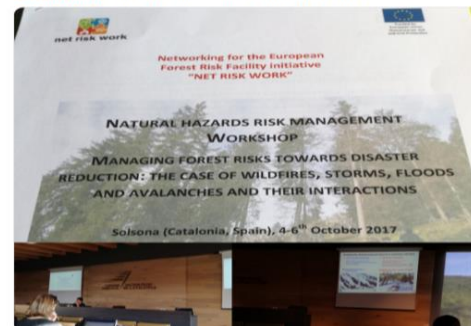
Pau Costa Foundation @PauCostaF · 29 de nov.

Ja estem a #Solsona @ctforestal debatent en la jornada sobre "Gestió de riscos naturals i canvi climàtic: estat de la qüestió i reptes de futur", on es presenten els resultats del projecte #NetRiskWork @ruralcat @bomberscat @emergenciescat



CENMA IEA @CenmaIEA · 5 d'oct. de 2017

Agraïm al @ctforestal la invitació per participar al workshop del projecte europeu #NetRiskWork CONECTEM RISCOS NATURALS QUE AFECTEN BOSCOS



CTFC @ctforestal · 18 d'abr.

La gestió de les emergències i la governança dels riscos naturals, eix del segon taller internacional del projecte #NETRISKWORK. El taller ha ofert un espai d'intercanvi de coneixements sobre #incendisforestals, #inundacions, #tempestes i #allaus bit.ly/2H96RWm



POCTEFA COOPEREM @PoctefaCOOPEREM · 29 de maig

Seguim amb la sessió de la tarda promovent sinèrgies amb projectes precursors del COOPEREM, com #Pricalb, #ArcLati, #NetRiskWork, #eFirecom @agriculturacat #CD66 @ctforestal



Pau Costa Foundation @PauCostaF · 7 de juny

Fieldtrip to #Montserrat with @loforestalillo @bomberscat @ctforestal @LifeMontserrat #NetRiskWork to share experiences with the #SUNFORUN project participants



VALABRE @EntenteValabre · 30 de març de 2017

Lancement du projet Européen #NETRISKWORK avec @CEREN_Valabre sur l'étude de l'interaction entre les risques nat.



Description (from up-left to right-down): Seminar of natural hazard management and climate change, dissemination of the main project outputs at regional level. NET RISK WORK project 1st Natural Hazard Workshop held in Solsona. NET RISK WORK project 2nd Natural Hazard Workshop held in Cagliari. NET RISK WORK project presentation into the COOPEREM project launch seminar. Fieldtrip during the SUNFORUN workshop, organized by the NET RISK WORK lead partner. Advice of the starting and running on of the NET RISK WORK project. Click here to see all the tweets published with the #NETRISKWORK : <https://twitter.com/hashtag/NetRiskWork?src=hash>

5. NET RISK WORK in Facebook



This week, 2nd Natural Hazard Risk Management Workshop in Cagliari (Sardinia, Italy): Emergency management and risk governance towards resilient societies.
Networking for the European Forest Risk Facility Initiative (NET RISK WORK) is a two-years Project (2017-2018) funded by the EU Civil Protection Mechanism, promoting the knowledge exchange and networking around four major European forest risks and their interactions: wildfires, storms, floods and snow avalanches. With Pau Costa Foundation, European Forest Institute (EFI), @CEREN_Valabre, Forest Research Institute Baden-Württemberg (FVA), Civil protection General Directorate of Regione Sardegna,
More information: <http://netriskwork.ctfc.cat/>



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Avui, Eduard Plana del Centre de Ciència i Tecnologia Forestal de Catalunya, CTFC, participa en la jornada d'inici del projecte transfronterer COOPEREM. El projecte Interreg Poctefa busca la cooperació catalana i francesa en la prevenció d'incendis forestals. S'hi presenten els projectes DGECHO que coordinem: eFIRECOM (ja finalitzat) i **NET RISK WORK**



Èxit de participació avui a la jornada sobre riscos naturals i canvi climàtic i altíssim nivell de presentacions i debats que esperem poder donar continuïtat aviat! ... ampliant la comunitat de la gestió dels riscos naturals, molts reptes compartits, a resoldre des d'una visió pluridisciplinar, la col·laboració entre les institucions i, si més no, començant a resoldre les certeses! en breu, les conclusions i tota la documentació disponible al web del projecte **NET RIISK WORK** que aquesta jornada finalitzava! <http://netriskwork.ctfc.cat>



Description (from left to right): Summary of the NET RISK WORK 2nd Natural Hazard workshop held in Sardinia. COOPEREM project launch meeting where NET RISK WORK was presented. Summary of the Seminar on Natural hazard management and climate change, in which NET RISK WORK main results were presented.

6. Follow-up dissemination actions

As follow up dissemination actions carried out, it can be outlined the following actions:

- A sending of the main project result - Book of Guideline “Forest risks in a climate change context; trends and risk management challenges of wildfires, storms, avalanches, floods and their interaction in EU landscapes” as well as the project Layman’s report, have been sent to all the experts involved during the project development. This ensure the continuity of the project through the knowledge sharing among EU natural risk expert, which will expand the results through their own contact nets.
- Regarding the final project result “Book of Guidelines”, in addition to the English version, they have been translated to each national consortium language (German, French, Italian and Spanish). This will increase the transfer of all the knowledge and contents to the respectively regional and national level and its corresponding target audience.
- The development of the online knowledge repository *Riskplatform* (<https://www.riskplatform.org/>), as a part of the NET RISK WORK project is an ongoing action and growth daily, through expert inputs and new affiliated stakeholders. The platform is attached and promoted within the SURE project website (<https://sure.efi.int/>), ensuring the dissemination and promotion of part of the NET RISK WORK results during at least until 2020.
- The project output “European Wildfire Risk Node”, has been successfully developed and it is online available (<http://firenode.lessonsonfire.eu/>). The node structure is located in an already existing knowledge repository developed under the framework of an finished DG-ECHO funded project, the FIREfficient project (<http://fireefficient.ctfc.cat/>). Nowadays, there is the basic structure of the concept “Wildfire Node” and from now on the efforts will be putted to expand the community and create synergies with other potential interested institutions and organisations.
- Internally, the NET RISK WORK project website will be active during the coming 2 years (at least), which ensure the open access and availability to all contents and results.
- Finally, based on the lessons learned and opportunities identified during the NET RISK WORK project development, there is a potential proposal to be developed into the H2020 call (*RUR-15-2018-2019-2020: Thematic networks compiling knowledge ready for practice*) to give continuity and analyse in deep detail the main gaps and challenges on forest risk managements at EU level into a climate change context.