Dichiarazione del Dott. Ing. Roberto RUDARI

ai fini del D.lgs n. 33/2013 Titolare di incarico di dirigenza

Dichiaro che:

1. Sono stato incaricato dal Consiglio di Amministrazione di Fondazione CIMA in data 01/01/2014.

2. L'incarico sopra ricordato prevede una durata indeterminata.

3. Il mio curriculum sintetico è disponibile nel sito di Fondazione CIMA http://www.cimafoundation.org/cima-foundation/roberto-rudari/ e qui si riporta: Dottorato di ricerca in Ingegneria Idraulica e modellistica dei sistemi ambientali – Università degli Studi di Padova. Attività di ricerca in geomorfologia dei bacini imbriferi, predicibilità del clima, modellazione idrologica distribuita e continua con utilizzo di dati satellitari e informazioni provenienti da sensori remoti. Altre aree di interesse sono la caratterizzazione di distribuzioni di probabilità congiunta degli effetti a terra dovuti alle alluvioni e della vulnerabilità degli elementi esposti a tale rischio, il miglioramento delle previsioni idro-meteorologiche basate su concetti probabilistici. Esperienza di ricerca ed operative in idrologia, con enfasi particolare sulla previsione delle piene improvvise e analisi statistica degli estremi. Programmatore del modello afflussi-deflussi MIKE –DriFt commercializzatio dal DHI. Guest editor per Hydrology and Earth System Sciences (HESS). Dal 2000 svolge attività di insegnamento presso l'Università degli Studi di Genova nelle seguenti materie: idrologia per ingegneri civili e ambientali, acquedotti e fognature, idraulica ambientale.

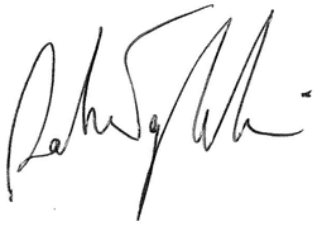
4. Per le attività nel Consiglio di Programmazione di Fondazione CIMA, per l'anno 2018 è stata determinata, con delibera del Consiglio di Amministrazione del 19.12.2017, una indennità di euro 5.000,00 lordi.

5. Non ricopro altri incarichi che prevedano compensi da parte di Fondazione CIMA.

6. Non ho riportato condanne penali, né -per quanto a mia conoscenza – ho carichi giudiziari pendenti.

Savona, 02.01.2018

Roberto Rudari



Europass Curriculum Vitae

Personal information

First name(s) / Surname(s)	**Roberto Rudari**		
Address	Via Magliotto 2, 17100 Savona (Italy)		
Telephone(s)	+3901923027209	Mobile	+393487983939
Fax(es)	+3901923027240		
E-mail(s)	roberto.rudari@cimafoundation.org		
Nationality	Italian		
Date of birth	11 Apr 74		
Gender	Male		

Work experience

Dates	7 July 17 →
Occupation or position held	Board of Director member
Main activities and responsibilities	Strategic guidance, administration responsibility
Name and address of employer	Acrotec Foundation Via Magliotto 2, 17100 Savona (Italy)
Type of business or sector	Administative, stategic activities
Dates	1 Jan 14 →
Occupation or position held	Research Director at CIMA Research Foundation
Main activities and responsibilities	Research structure organization, Preparation & Management of research projects, Fundraising, Ph.D. students survey, Workshops and meetings organization
Name and address of employer	CIMA Research Foundation Via Magliotto 2, 17100 Savona (Italy)
Type of business or sector	Professional, scientific and technical activities
Dates	1 Aug 13 →
Occupation or position held	Member of the CIMA Research Foundation Scientific Committee
Main activities and responsibilities	Research Strategy drafting revision and approval
Name and address of employer	CIMA Research Foundation Via Magliotto 2, 17100 Savona (Italy)
Type of business or sector	Professional, scientific and technical activities
Dates	19 May 09 →
Occupation or position held	Project Leader at CIMA Research Foundation
Main activities and responsibilities	Preparation & Management of research projects, Fundraising, Ph.D. students survey, Workshops and meetings organization
Name and address of employer	CIMA Research Foundation Via Magliotto 2, 17100 Savona (Italy)
Type of business or sector	Professional, scientific and technical activities

Dates	1 Jan 07 →
Occupation or position held	H2CU Main Contact for University of Genova
Main activities and responsibilities	Responsible for the H2CU Honors Centre of Italian Universities grants at the University of Genova; students exchange programmes and grants between Italy and USA
Name and address of employer	H2CU - SAPIENZA Università di Roma Via Eudossiana 18, 00184 Roma (Italy)
Type of business or sector	Education
Dates	05/03/2006 - 18/05/2009
Occupation or position held	Research Manager at University of Genova
Main activities and responsibilities	Preparation & Management of research projects, Fundraising, Ph.D. students survey, Workshops and meetings organization
Name and address of employer	University of Genova Via Balbi 5, 16100 Genova (Italy)
Type of business or sector	Research
Dates	03/03/2003 - 30/12/2005
Occupation or position held	Researcher at National Research Council
Main activities and responsibilities	Development of research projects related to Water management and Flood Risk for the National Group for prevention of Natural Disasters
Name and address of employer	National Research Council o Italy (CNR) Via Madonna Alta 126, 06128 Perugia (Italy)
Type of business or sector	Research
Dates	02/03/2002 - 03/03/2003
Occupation or position held	Post-Doc Position
Main activities and responsibilities	Research activity in the field of Hydrologic Modelling
Name and address of employer	Interuniversity Environmental Monitoring Centre Via Cadorna 7, 17100 Savona (Italy)
Type of business or sector	Research

Education and training

Dates	2 Feb 00 - 21 May 02
Title of qualification awarded	Ph.D. in Hydraulic Engineering
Principal subjects / occupational skills covered	Fluid mechanics, Hydrology, hydraulics, Natural hazards management
Name and type of organisation providing education and training	University of Padova (University) Via 8 Febbraio 1848, 2, 35121 Padova (Italy)
Level in national or international classification	ISCED 6
Dates	1 Sep 00 - 1 Sep 01
Title of qualification awarded	Research Grant at Massachussets Institute of Technology
Principal subjects / occupational skills covered	Research, Education, Research activity related to the Ph. D. work of climatology of extreme precipitation.
Name and type of organisation providing education and training	Massachussets Institute of Technology (University) 77 Massachusetts Avenue, MA 02139 Cambridge (United States)
Level in national or international classification	ISCED 6
Dates	09/09/1992 - 15/04/1998

Title of qualification awarded	Master of SC - Civil Engineering (summa cum Laude)
Principal subjects / occupational skills covered	Civil and Environmental Engineering
Name and type of organisation providing education and training	Università degli Studi di Genova . Facoltà di Ingegneria (Unversity) Via Balbi 5, 16100 Genova (Italy)
Level in national or international classification	ISCED 5
Dates	09/04/1997 - 17/11/1997
Title of qualification awarded	MS thesis at VUB
Principal subjects / occupational skills covered	MS Thesis development within the Erasmus/Socrates International Program
Name and type of organisation providing education and training	Vrije Universiteit Brussel (University) Pleinlaan 2, 1050 Brussel (Belgium)
Level in national or international classification	ISCED 5

Personal skills and competences

Mother tongue(s) **Italian**

Other language(s)

Self-assessment	Understanding				Speaking				Writing	
European level (*)	Listening		Reading		Spoken interaction		Spoken production			
English	C2	Proficient user	C2	Proficient user	C2	Proficient user	C2	Proficient user	C2	Proficient user
French	C1	Proficient user	C1	Proficient user	B2	Independent user	B1	Independent user	B1	Independent user

(*) Common European Framework of Reference (CEF) level

Social skills and competences	Exercised teaching and communication skills. Excellent ability of dealing with public talks and exposition.
Organisational skills and competences	Great ability of relations with other people and of team building as well as a natural recognized leadership. Skills in managing large complex project (Project Management): scheduling, human and financial resources, criticality analysis.
Technical skills and competences	Exceptional skill in critical reasoning and Problem solving; ability in formalizing complex problems into mathematical models in-depth proven knowledge of geo-information use in emergency management services (EMS) for the Italian Civil protection, in-depth proven knowledge of relevant remote sensing and GIS technology (See project and Pubblication references) in-depth proven knowledge of EMS operational service process (See project and Pubblication references)
Computer skills and competences	Database : Advanced Internet/Mail: Advanced Presentation tools: Advanced Spreadsheet: Advanced Text processing: Advanced Programming languages (Fortran, C, Matlab) Unix/linux

Driving licence(s)	A, B

Additional information

Assistant professor, Hydrology, Faculty of Engineering, University of Genova.

Research activities in basin geomorphology, Climate and weather predictability, continuous and distributed hydrologic modelling assisted by satellite and remotely sensed information. Other areas of interest are the characterization of join probability distributions of land effects and vulnerability estimation to flood events, the improvement of combined hydro-meteorological forecast systems based on probabilistic concepts.

Operational and research experience in hydrology, with particular emphasis in flash-flood forecasting and statistical analysis of the extremes.

Programmer of the MIKE – DriFt rainfall-runoff model commercialized by DHI.

Expert in Disaster Risk Reduction policies in connection with EU, an all major International Organizations (e.g., UN-ISDR, UNITAR, UNEP, WMO) Initiatives (APFM, IFI) and NGO's

Guest editor of Hydrology and Earth System Sciences (HESS).

Since 2000: Teaching activity at the University of Genova (Italy) in the following fields: Hydrology for civil and environmental engineers; Sewing and water plants; Environmental hydraulics.

Since 2002: Experience as Scientific Director of a number of projects exceeding globally 3 million of Euro.

Author and co-author of 17 papers published on international refereed journals, 15 short papers published on proceedings of international conferences and 60 abstracts presented at international conferences.

Since 2005: referee for a number of international journals: Advances in Water Resources, International journal of Climatology, Journal of Hydrometeorology, Natural Hazards, Natural Hazard and Earth System Sciences, Hydrology and Earth System Sciences, International Environmental Modelling and Software (Iemss), Physical Geography

Since 2009 consultant of WMO – Associated Program on Flood Management as an expert in DRR policies applied to the Integrated Flood Management: Risk assessment, Hazard mapping and Early Warning System

Since 2010 consultant of UN-ISDR in the context of the GAR for Global Flood Modelling, Global Vulnerability assessment, Global Risk index development

2011 Representative of the International Flood Initiative (IFI) to the Scientific Preparation workshop to the Global Platform on Disaster Risk Reduction

2012 Reviewer of the program Disaster Risk Reduction and Climate Change Adaptation in South Asia funded by CDKN

2012 representative for UNISD at the Regional Gulf Workshop organized and hosted by Gulf Cooperating Council (GCC)

Since 2013 member of the EU Data Losses Working Group, DG ECHO

Since 2014 Coordinator of the Global Flood Record pillar within the Global Flood Partnership (http://portal.gdacs.org/Global-Flood-Partnership)

Since 2015 member of the WMO DRR User-Interface Expert Advisory Group on Hazard/Risk Analysis (UI-EAG HRA)

Since 2016 Steering Committee member of the Global Flood Partnership (https://gfp.jrc.ec.europa.eu/)

2017 leading author of the Flood Risk Assessment Chapter in the Words Into Action: implementation guides for the Sendai Framework - UNISDR

Annexes

Selected Pubblications:

1. Giannoni, F., G. Roth e R. Rudari, A Semi – Distributed Rainfall – Runoff Model Based on a Geomorphologic Approach, Physics and Chemistry of the Earth, 25/7-8, 665-671, [2000].

2. Ferraris L., Rudari R. and F. Siccardi, The uncertainty in the prediction of flash floods in the northern mediterranean environment, *J. of Hydrometeorology,* Vol. 3, No 6, pages 714-727, [2002].
3. Giannoni, F., Roth G., and R. Rudari, Can the behaviour of different basins be described by the same model´s parameter set? A geomorphologic framework, Physics and Chemistry of the Earth, 28/6-7 pp. 289-295, 2003
4. Rudari R., D. Entekhabi e G. Roth, Terrain and Multiple Scale Interactions as Factors in Generating Extreme Precipitation Events, *J. of Hydrometeorology,* 5(3), 390-404, 2004.
5. Siccardi F., Boni G., Ferraris L., Rudari R., A hydro-meteorological approach for Probabilistic Flood Forecast, Journal of Geophysical Research, Vol. 110, No. D5, D05101 10.1029/2004JD005314, 2005.
6. Giannoni, F., Roth G., e R. Rudari, A procedure for drainage network identification from geomorphology and its application to the prediction of the hydrologic response, Advances in Water Resources, 28(6), 567-581, 2005, doi:10.1016/j.advwatres.2004.11.013.
7. Rudari R., D. Entekhabi e G. Roth, Large-Scale Atmospheric Patterns Associated with Mesoscale Features Leading to Extreme Precipitation Events in Northwestern Italy, Advances in Water Resources, 28(6), 601-614, 2005, doi:10.1016/j.advwatres.2004.11.017.
8. Gabellani S., Giannoni F., Parodi A., Rudari R., Taramasso A. C., Roth G., Applicability of a forecasting chain at different morphological environment, Advances in Geosciences, 2, 131–134, 2005, SRef-ID: 1680-7359/adgeo/2005-2-131
9. Ghizzoni T., Lomazzi M., Roth G., Rudari R., Regional scale analysis of the altimetric stream network evolution, Advances in Geosciences, 7, 79-83, 2006, SRef-ID: 1680-7359/adgeo/2006-7-79
10. Boni, G., Parodi, A., Rudari, R., Extreme rainfall events: learning from rain gauge time series, J. of Hydrology, 327, 304-314, 2006, doi:10.1016/j.jhydrol.2005.11.050
11. Boni, G., Ferraris, L., Giannoni, F., Roth, G., Rudari, R., Flood probability analysis for un-gauged watersheds by means of a simple distributed hydrologic model, Advances in Water Resources, 30(10), 2135-2144, 2007, doi:10.1016/j.advwatres.2006.08.009.
12. Giannoni, F., Roth G., Rudari, R., The value of the Italian civil protection system in Integrated Water Management for the Mediterranean environment, Chapter of book in Integrated Water Management: Practical Experiences and Case Studies (Nato Science Series: IV: Earth and Environmental Sciences), Springer editions, ISBN-10: 1402065507, ISBN-13: 978-1402065507.
13. Ghizzoni T., Giannoni F., Roth G., Rudari R., The role of observation uncertainty in the calibration of hydrologic rainfall-runoff models, Advances in Geosciences, 12, 33-38, 2007, SRef-ID: www.adv-geosci.net/12/33/2007/
14. Gabellani, S., Silvestro, F., Rudari, R., and Boni, G.: General calibration methodology for a combined Horton-SCS infiltration scheme in flash flood modeling, Nat. Hazards Earth Syst. Sci., 8, 1317-1327, 2008.
15. Segoni, S., L. Leoni, A. I. Benedetti, F. Catani, G. Righini, G. Falorni,, S. Gabellani, R. Rudari, F. Silvestro, and N. Rebora, Towards a definition of a real-time forecasting network for rainfall induced shallow landslides, Nat. Hazards Earth Syst. Sci., 9, 1–15, 2009; www.nat-hazards-earth-syst-sci.net/9/1/2009/
16. Ghizzoni, T., Roth, G., Rudari, R., Multivariate skew-t approach to the design of accumulation risk scenarios for the flooding hazard, Advances in Water Resources 33 (2010) 1243–1255
17. Ghizzoni, T., Roth, G., Rudari, R., Multisite flooding hazard assessment in the Upper Mississippi River, Journal of Hydrology (2012), (412-413), 101-113 http://dx.doi.org/10.1016/j.jhydrol.2011.06.004
18. Serpico, S. B., Dellepiane, S. , Boni, G., Moser, G., Angiati, E., and Rudari, R. (2012), information Extraction From Remote Sensing Images for Flood Monitoring and Damage Evaluation, Proceedings of the IEEE | Vol. 100, No. 10, 2946-2970, DOI:10.1109/JPROC.2012.2198030
19. Silvestro, F., Gabellani, S., Giannoni, F., Parodi, A., Rebora, N., Rudari, R., Siccardi, F. (2012) A hydrological analysis of the 4 November 2011 event in Genoa. Natural Hazards and Earth System Sciences, 12, 2743–2752.
20. Silvestro, F, Gabellani S., Delogu F., Rudari R., and Boni G.: Exploiting remote sensing land

surface temperature in distributed hydrological modelling: the example of the Continuum model, Hydrol. Earth Syst. Sci. (2013), 17, 39-62, doi:10.5194/hess-17-39-2013

21. Pinto, J. G., S. Ulbrich, A. Parodi, R. Rudari, G. Boni, and U. Ulbrich, Identification and ranking of extraordinary rainfall events over Northwest Italy: The role of Atlantic moisture, J. Geophys. Res. Atmos. (2013), 118, doi:10.1002/jgrd.50179.
22. Lomazzi, M., D. Entekhabi, J. G. Pinto, G. Roth and R. Rudari, Synoptic Preconditions for Extreme Flooding during the Summer Asian Monsoon in the Mumbai Area, J. of Hydromet. (2013), 8, pp. , DOI: 10.1175/JHM-D-13-039.1
23. Rudari R., Come Cambia il Rischio Idrogeologico, Ecoscienza, Number 5, (2013), pp 32-33, ISSN 2039-0424
24. Rudari R. Gabellani S., Delogu F. (2014). A simple model to map areas prone to surface water flooding. International Journal of Disaster Risk Reduction, http://dx.doi.org/10.1016/j.ijdrr.2014.04.006
25. Montrasio, L., Valentino, R., Corina, A., Rossi, L. Rudari, R., (2014) A prototype system for space-time assessment of rainfall-induced shallow landslides in Italy, Nat. Haz., NHAZ-D-13-01016R2.
26. Pulvirenti, L., Pierdicca, N., Boni, G., Fiorini, M., Rudari, R., (2014) Flood Damage Assessment through multi-temporal COSMO-SkyMed data and Hydrodynamic Models: the Albania 2010 Case Study, IEEE JStars, JSTARS-2013-00982.R1
27. T. de Groeve; J. Thielen; R. Brakenridge; R. Adler; L. Alfieri; D. Kull; F. Lindsay; O. Imperiali; F. Pappenberger; R. Rudari; P. Salamon; N. Villars; K. Wyjad, (2015) Joining Forces in a Global Flood Partnership, BAMS, http://journals.ametsoc.org/doi/abs/10.1175/BAMS-D-14-00147.1
28. Ward, P.J., Jongman, B., Salamon, P., Simpson, A., Bates, P., De Groeve, T., Muis, S., Coughlan de Perez, E., Rudari, R., Trigg, M.A., Winsemius, H.C., 2015. Usefulness and limitations of global flood risk models. Nature Climate Change, 5, 712-715, doi: 10.1038/nclimate2742 http://www.nature.com/nclimate/journal/v5/n8/full/nclimate2742.html.
29. Silvestro, F., Gabellani, S., Rudari, R., Delogu, F., Laiolo, P., and Boni, G.: Uncertainty reduction and parameter estimation of a distributed hydrological model with ground and remote-sensing data, Hydrol. Earth Syst. Sci., 19, 1727-1751, doi:10.5194/hess-19-1727-2015, 2015. http://www.hydrol-earth-syst-sci.net/19/1727/2015/hess-19-1727-2015.html
30. Rebora, N., F. Silvestro, R. Rudari, C. Herold, L. Ferraris, 2016. Downscaling stream flow time series from monthly to daily scales using an auto-regressive stochastic algorithm: StreamFARM, DOI: 10.1016/j.jhydrol.2016.03.015; http://www.sciencedirect.com/science/article/pii/S0022169416301202
31. M A Trigg, C E Birch, J C Neal, P D Bates, A Smith, C C Sampson, D Yamazaki, Y Hirabayashi, F Pappenberger, E Dutra, P J Ward, H C Winsemius, P Salamon, F Dottori, R Rudari, M S Kappes, A L Simpson, G Hadzilacos and T J Fewtrell, The credibility challenge for global fluvial flood risk analysis, 2016 *Environ. Res. Lett.* **11** 094014 doi:10.1088/1748-9326/11/9/094014
32. M A Trigg, C E Birch, J C Neal, P D Bates, A Smith, C C Sampson, D Yamazaki, Y Hirabayashi, F Pappenberger, E Dutra, P J Ward, H C Winsemius, P Salamon, F Dottori, R Rudari, M S Kappes, A L Simpson, G Hadzilacos and T J Fewtrell, How Much do we really know about river flooding? 2016 *Environmental Science Journal for Teens*. pp 4, http://www.sciencejournalforkids.org/uploads/5/4/2/8/54289603/floods_article.pdf
33. L Cenci, P Laiolo, S Gabellani, L Campo, F Silvestro, F Delogu, G Boni, and R Rudari, Assimilation of H-SAF Soil Moisture Products for Flash Flood Early Warning Systems. Case Study: Mediterranean Catchments, IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, vol. 9, no. 12, pp. 5634-5646, Dec. 2016. doi: 10.1109/JSTARS.2016.2598475
34. Rudari, R., Massabò, M. and T. Bedrina Overview of Loss Data Storage at Global Scale, in *Flood Damage Survey and Assessment: New Insights from Research and Practice, Geophysical Monograph 228*, First Edition. Edited by Daniela Molinari, Scira Menoni, and Francesco Ballio. American Geophysical Union. Published 2017 by John Wiley & Sons, Inc.
35.

Projects:

2002-2005 P.I. of several research projects in the field of Civil Protection commissioned by the National Group fro prevention of Natural Disasters

2003-2005 P.I. of several research projects in the field of low flow estimation commissioned by the Regional Agency for the Environment of Liguria (ARPAL)

2004-2007 P.I. of the project SIGRA – Geographic Information System on Flood Risk for insurance purposes, commissioned by the National Association of the Insurance Companies (ANIA)

2005-2007: co-ordinator of research unit in the field of "innovations in hydrology - project DPC-CIMA "Proscenio"

Since November 2007: scientific responsible for CIMA Foundation of the project OPERA – integration between Earth Observation data and operational flash flood prediction systems – Italian Space Agency.

2005-2011 P.I. of a research project commissioned by Regione Autonoma Valle d'Aosta on the implementation of an operational system for issuing flood early warning based on a probabilistic approach
2010 – 2011 Key expert for the EC DG-ECHO for Risk prevention with focus on Floods, Storms and Droughts - Strengthening the EU disaster management capacity - Good Practices on Disaster Prevention
2011 – Present, scientific responsible of the Industrial project National Focal System financed by the Italian Space Agency
2010 – Present, Supporting Partner of the Associated Program on Flood Management (APFM) of the World Meteorological Organization (WMO)
2011 - present Consultant for the UN-ISDR Global Assessment Report (GAR) for GFM, -vulnerability and Risk assessment.
2011 Expert Consultant for WMO at the Planning Commission of the Government of Pakistan on Integrated Flood Management.
2011 – Present Member of the National Platform on Disaster Risk Reduction (Italy)
2012 - 2014 Expert Member of the Catalyst FP7 Project Think Tank on Disaster Risk Reduction
2012 Expert Consultant to the Gulf Cooperation Council for the development of the Disaster Management Centre: Risk Assessment methodologies
2013-present Coordinator of the EU FP7 funded Project RASOR (Rapid Assessment and Spatialization Of Risk) – DG ENTR, Call SPACE
2013 Responsible of the project "Strengthening the Eastern Region's Institutional and Legislative Frameworks" – EU PPRD East Programme
2013 Responsible for the project "Study Tour for the Programme for the prevention, preparedness, and response to man-made and natural disasters in the ENPI East Region – EuropeAid/129397/C/SER/Multi": Moldova, Ukraine, Belarus, Armenia, Azerbaijan, Georgia
2013 Expert Consultant for UNISDR to the Seychelles Government – Division on Risk and Disaster Management for the "Preparation of the Disaster Management Act of the GoS"
2012-2013 Coordinator of the Chapter on Floods and Landslides Risk for the Italian Climate Change Adaptation Strategy – Euro-Mediterranean Climate Centre, Ministry of the Environment
2014-present non-key Expert on DRA and Electronic Regional Risk Atlas for the PPRD EAST 2 program on Disaster Risk Management – EC DG ECHO
2014-Present Responsible for CIMA Foundation of the Framework contract with EU for the Copernicus-EMS service Risk and Recovery
2015-Present PI of the project: "National-level Drought and Flood Risk Profiles in Sub-Saharan Africa" risk profiles for 9 countries in Africa financed by GFDRR-World Bank
2015 PI of the Project: "Flood Risk Modelling for Malawi" financed by GFDRR-World Bank
2017 – Present – responsible for CIMA of the project "South East Asia Flood Monitoring and Risk Assessment for Regional DRF Mechanism" financed by the World Bank
2016 – Present Key Expert on Disaster Risk Management for the IPA- DRAM "Disaster Risk Assessment and Mapping in Albania, Bosnia and Herzegovina, the former Yugoslav Republic of Macedonia, Kosovo, Montenegro, Serbia and Turkey" – EC DG – ECHO
2017 – Present Coordinator of the Project Open Risk Data Dashboard: Development of Risk Information Definitions, Software Platform, and Initial Content – GFDRR - WBG