



List of publications (at July, 2023) of:

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Articles in Journals

J1) Tabor G.R., Molinari D., Juleff G., Computational simulation of air flows through a Sri Lanka wind-driven furnace, *Journal of Archaeological Science*, 32(5), 753–766, 2005

J2) Molinari D. Analisi di rischio e incertezza: l'uso dei metodi Monte Carlo per i rischi naturali. *Ingegneria Sismica*, 2, 36-44, 2007

J3) Molinari D., Handmer J., A behavioural model for quantifying flood warning effectiveness, *Journal of flood risk management*, 4(1), 23–32, 2011

J4) Menoni S., Molinari D., Parker D., Ballio F., Tapsell S., Assessing multifaceted vulnerability and resilience in order to design risk-mitigation strategies, *Natural Hazards*, 64(3), 2057-2082, 2012

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J7) Molinari D., Ballio F., Handmer J., Menoni S., On the modeling of significance for flood damage assessment, *International Journal of Disaster Risk Reduction*, 10, part A, 381-391, 2014

J8) Ballio F., Molinari D., Minucci G., Mazuran M., Arias Munoz C., Menoni S., Atun F., Ardagna D., Berni N., Pandolfo C., The RISPOSTA procedure for the collection, storage and analysis of high quality, consistent and reliable damage data in the aftermath of floods, *Journal of Flood Risk Management*, 11, S604–S615 (2018), on line first, 2015

J9) Molinari D., Minucci G., Mendoza M.T., Simonelli T. Implementing the European “Floods Directive”: the Case of the Po River Basin, *Water Resources Management*, 30(5), 1739-1756, 2016

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- J13) Molinari D., Scorzini A., On the influence of input data quality to flood damage estimation: The Performance of the INSYDE Model, *Water*, 9(9), 688; doi:10.3390/w9090688, 2017
- J14) Di Baldassarre G., Kreibich H., Vorogushyn S., Aerts J., Arnbjerg-Nielsen K., Barendrecht M., Bates P., Borga M., Botzen W., Bubeck P., De Marchi B., Llasat C., Mazzoleni M., Molinari D., Mondino E., Mård J., Petrucci O., Scolobig A., Viglione A., Ward P.J., Hess Opinions: An interdisciplinary research agenda to explore the unintended consequences of structural flood protection, *Hydrol. Earth Syst. Sci.*, 22, 5629–5637, <https://doi.org/10.5194/hess-22-5629-2018>, 2018
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- J17) Molinari D., Scorzini A. R., Gallazzi, A., Ballio, F., AGRIDE-c, a conceptual model for the estimation of flood damage to crops: development and implementation, *Nat. Hazards Earth Syst. Sci.*, 19, 2565–2582, <https://doi.org/10.5194/nhess-19-2565-2019>, 2019
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- J24) Pogliani A., Bertulesi M., Bignami D.F., Boschini I., Del Vecchio M., Menduni G., Molinari D., Zambrini F., A Zero-Order Flood Damage Model for Regional-Scale Quick Assessments, *Water*, 13(9), 1292, <https://doi.org/10.3390/w13091292>, 2021
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Books

B1) Molinari D., Ballio F., Menoni S., *Flood Early Warning Systems: knowledge and tools for their critical assessment*, WIT Press, 2013

Contributions in books

b1) Molinari D., Cozzi S. Il recepimento in Lombardia delle direttive comunitarie sui rischi, In: M.C. Treu (ed) *Città, Salute, Sicurezza: Strumenti di governo e casi studio*, Maggioli editore, 2009

b2) Delmonaco G., Atun F., Ceudech A., Deemening H., De Roo A., Lumbroso D., Galderisi A., Kallache M., Kropp J.P., Kundak S., Molinari D., Tweed F., Wade S., Walker G., Dandoulaki M., Barredo J. Europe at risk (following EU funded research on hazards and risks), In: Menoni S., Margottini C. (eds.): *Inside Risk: a strategy for sustainable risk mitigation*, Springer, 2011

b3) Esteban J.F., Izquierdo B., Lopez J., Molinari D., Menoni S., De Roo A., Deeming H., Walker G., Eftichidis G. Current mitigation practices in the EU, In: Menoni S., Margottini C. (eds.): *Inside Risk: a strategy for sustainable risk mitigation*, Springer, 2011

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b5) Molinari D., Ballio F., Berni N., Pandolfo C. Towards more effective Early Warning Systems: the Italian Experience. Input Paper prepared for: United Nations Office for Disaster Risk Reduction – UNISDR Making Development Sustainable: The Future of Disaster Risk Management. Global Assessment Report on Disaster Risk Reduction, Geneva, Switzerland, 2015, ISBN 978-92-1-132042-8, <http://www.preventionweb.net/english/hyogo/gar/2015/en/home/documents.html>

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Conference papers

P1) Molinari D., Ballio F., Menoni S., Flood forecast verification in EWS, Atti del XXXII Convegno nazionale di idraulica e costruzioni idrauliche, 14-17 settembre, 2010, Palermo

P2) Molinari D., Ballio F., Menoni S., Flood forecast verification to support emergency management, Proceeding of the 34th IAHR World Congress, 26 Giugno-1 Luglio 2011, Brisbane, Australia

P3) Molinari D., Ballio F., Menoni S., Flood emergency management: the value of potential and actual damage estimation. In: Proverbs D., Mambretti S., Brebbia C., De Wrachien D. (eds) Flood Recovery Innovation and Response III, WIT Press, 2012

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P6) Molinari D., Ballio F., Menoni S., Legnani L., Implementing the Floods Directive: a procedure for flood risk analysis and mapping, Proceedings of 35th IAHR World Congress, 2013 Tsinghua University Press, Beijing, China

P7) Legnani L., Molinari D., Ballio F., Menoni S., La procedura Flood-IMPAT per la valutazione e mappatura del rischio alluvionale, Atti della XIII giornata mondiale dell'acqua: calamità idrogeologiche - aspetti economici, 22 marzo 2013, Accademia Nazionale dei Lincei, Roma

P8) Molinari D., Mazuran M., Arias C., Minucci G., Atun F., Ardagna D., Implementing tools to meet the Floods Directive requirements: a "procedure" to collect, store and manage damage data in the aftermath of flood events, In: Proverbs D., Brebbia C. A. (eds) Flood Recovery Innovation and Response IV, WIT Press, 2014

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P11) Minucci G., Mendoza M.T., Molinari D., Atun F., Ballio F., Menoni S., Applying the Flood-IMPAT procedure for assessing and mapping flood risk in the Valle D'Aosta region, Atti del XXXV Convegno nazionale di idraulica e costruzioni idrauliche, 14-16 settembre, 2016 , Bologna

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