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Jaroslav Mysiak is the director of the research division 'Risk Assessment and Adaptation Strategies' at the Euro-Mediterranean Centre on Climate Change, and an external teacher at the Ca' Foscari University of Venice. Jaroslav holds a PhD from the University of Göttingen (Germany) and MSc. from the Technical University Zvolen (Slovakia). He is a member and rapporteur of the EC Horizon Europe Mission Board on adaptation and societal transformation (2019-2021), a member of the UNDRR European Science and Technology Advisory Group (E-STAG), and a coordinating lead author of the DRMKC's report "Science for DRM 2020: acting today protecting tomorrow". His research interests include climate risk assessment, transformative climate adaptation policies and governance, economic and financial policy and investment instruments, climate services, nature-based solutions and integrated water resource management.

Jaroslav coordinated several European Framework Programme projects, including H2020 CLARA-Climate forecasts enabled knowledge services 2017-2020; FP7 ENHANCE-Enhancing risk management partnerships for catastrophic natural disasters in Europe 2012-2016 - as a deputy, FP7 EPI-WATER-Evaluating Economic Policy Instruments for Sustainable Water Management in Europe 2011-2013, FP7 XEROCHORE-An Exercise to Assess Research Needs and Policy Choices in Areas of Drought 2009-2011 - as a deputy, as well as other international projects such as DG CLIMA Study on adaptation modelling 2019-2021, DG ECHO Peer review of the Disaster Risk Reduction policies 2020-2022.

Some recent publications

Calliari, E., Mysiak, J. and Vanhala, L.: A digital climate summit to maintain Paris Agreement ambition, **Nature Climate Change**, doi:10.1038/s41558-020-0794-0, 2020.

Marzi, S., Mysiak, J., Essenfelder, A. H., Amadio, M., Giove, S. and Fekete, A.: Constructing a comprehensive disaster resilience index: The case of Italy, **PLoS One**, 14(9), e0221585, doi:10.1371/journal.pone.0221585, 2019.

Larosa, Francesca, and Jaroslav Mysiak. 2019. "Mapping the Landscape of Climate Services." **Environmental Research Letters**. <http://iopscience.iop.org/10.1088/1748-9326/ab304d>.

Staccione A, Mysiak J, Ostoich M, Marcomini A (2019) Financial liability for environmental damage: insurance market in Italy, focus on Veneto region experience. **Environmental Science and Pollution Research**. doi: 10.1007/s11356-019-05821-8

Street R, Buontempo C, Mysiak J, Karali E, Pulquério M, Murray V, Swart R, How could climate services support Disaster Risk Reduction in the 21st century, **International Journal of Disaster Risk Reduction**, Volume 34, March 2019, Pages 28-33, doi.org/10.1016/j.ijdr.2018.12.001

Calliari E., Staccione A., Mysiak J. An assessment framework for climate-proof nature-based solutions **Science of the Total Environment**, Volume 656, 15 March 2019, Pages 691-700, <https://doi.org/10.1016/j.scitotenv.2018.11.341>

Mysiak, J., Castellari, S., Kurnik, B., Swart, R., Pringle, P., Schwarze, R., Wolters, H., Jeuken, A., and van der Linden, P.: Brief communication: Strengthening coherence between climate change adaptation and disaster risk reduction, *Nat. Hazards Earth Syst. Sci.*, 18, 3137-3143, <https://doi.org/10.5194/nhess-18-3137-2018>, 2018.

Amadio, M. , Mysiak, J. and Marzi, S. (2018), Mapping Socioeconomic Exposure for Flood Risk Assessment in Italy. **Risk Analysis**. doi:10.1111/risa.13212

Marzi S., Mysiak J., Santato S. (2018) Comparing Adaptive Capacity Index across scales: the case of Italy, **Journal of Env Man**, 1, 223, 1023-1036, 10.1016/j.jenvman.2018.06.060

Mysiak, J., Torresan, S., Bosello, F., Mistry, M., Amadio, M., Marzi, S., ... Sperotto, A. (2018). Climate risk index for Italy. **Philosophical transactions. Series A, Mathematical, physical, and engineering sciences**, 376(2121), 20170305. doi:10.1098/rsta.2017.0305

Aerts, J. C. J. H., Botzen, W. J., Clarke, K. C., Cutter, S. L., Hall, J. W., Merz, B., Michel-Kerjan, E., Mysiak, J., Surminski, S. and Kunreuther, H.: Integrating human behaviour dynamics into flood disaster risk assessment, **Nat. Clim. Chang.**, 8(3), 193–199, doi:10.1038/s41558-018-0085-1, 2018.