

BIBLIOGRAFIA E RIFERIMENTI

- Bacci P., Maugeri M., The urban heat island of Milan, Luglio 1992, Nuovo Cimento - Società Italiana di Fisica Sezione C 15(4):417-424 DOI: 10.1007/BF02511742
- Brunetti M., Maugeri M., Nanni T., Simolo C., and Spinoni J., 2014, High-resolution temperature climatology for Italy: Interpolation method intercomparison, International Journal of Climatology, 34, Number 4, p.1278-1296, DOI: 10.1002/joc.3764
- Ciegis R., Ramanauskiene J., Startiene G., Theoretical Reasoning of the Use of Indicators and Indices for Sustainable Development Assessment, The economic conditions of enterprise functioning, ISSN 1392 – 2785 Inzinerine Ekonomika-Engineering Economics (3). 2009
- CIMO Guide to Instruments and Methods of Observation, WMO nr. 8-Ed. 2018
- Crespi A., Brunetti M., Lentini G., Maugeri M., 2018, 1961-1990 high-resolution monthly precipitation climatologies for Italy, International Journal of Climatology, 38, 878-895, DOI: 10.1002/joc.5217
- Curci S., Lavecchia C., Frustaci G., Paolini R., Pilati S., Paganelli C., Assessing meteorology measure uncertainty in urban environments, Published 12 September 2017 • © 2017 IOP Publishing Ltd Measurement Science and Technology, Volume 28, Number 10 - Special Feature on Measurements of the Urban Environment: <https://iopscience.iop.org/article/10.1088/1361-6501/aa7ec1/meta>)
- Duvernoy J., Guidance on the computation of calibration uncertainties, World Meteorological Organization WMO- IOM Report- No. 119; 2015
- European Environmental Agency Report - No 12/2016 - Urban adaptation to climate change in Europe 2016 - Transforming cities in a changing climate
- European Environmental Agency - Report No 22/2018 “Unequal exposure and unequal impacts: social vulnerability to air pollution, noise and extreme temperatures in Europe”
- Frustaci G., Lavecchia C., Paganelli C., Una rete di misura per la meteorologia urbana, Nimbus 73 Anno XXIII - N.1 Gennaio - Giugno 2015
- Frustaci G., Curci S., Pilati S., Lavecchia C., Paganelli C., The AWS based operational urban network in Milano: achievements and open questions, ICAWS2017, oral presentation O1_8, https://www.wmo.int/pages/prog/www/IMOP/AWS-conference/Papers/Topic_1/O1_8_Frustaci_The%20AWS%20based%20operational%20urban%20network%20in%20Milano.pdf
- García-Santos Vicente, Cuxart J., Martínez-Villagrasa D., Jiménez M. A., Simó G.: Comparison of Three Methods for Estimating Land Surface Temperature from Landsat 8-TIRS Sensor Data; Remote Sens. 2018, 10, 1450; doi:10.3390/rs10091450
- GICOS 200 Implementation Plan, WMO 2016
- GCOS 2016 Implementation Plan, Annex 1
- Giuliacci M., Bologna - E.R.S.A., 1988
- IPCC, 2018: Summary for Policymakers. In: Global warming of 1.5°C. An IPCC Special Report on the impacts of global warming of 1.5°C above pre-industrial levels and related global greenhouse gas

- emission pathways, in the context of strengthening the global response to the threat of climate change, sustainable development, and efforts to eradicate poverty [V. Masson-Delmotte, P. Zhai, H. O. Pörtner, D. Roberts, J. Skea, P. R. Shukla, A. Pirani, W. Moufouma-Okia, C. Péan, R. Pidcock, S. Connors, J. B. R. Matthews, Y. Chen, X. Zhou, M. I. Gomis, E. Lonnoy, T. Maycock, M. Tignor, T. Waterfield (eds.)]. World Meteorological Organization, Geneva, Switzerland, 32 pp.
- JCGM-BIPM: Evaluation of measurement data — Guide to the expression of uncertainty in measurement (GUM), 2008
 - Li Yang et al. “Research on Urban Heat-Island Effect”. In: *Procedia Engineering* 169 (2016), pp. 11–18
 - Masterson J.M., Richardson F.A., *Humidex: a method of quantifying human discomfort due to excessive heat and humidity*, 1979
 - Matthews T., *Climate Change Adaptation in Urban Systems: Strategies for Planning Regimes*, Griffith University - Urban Research Program - Research Paper 32, February 2011
 - Mennella C. *Il clima d'Italia nelle sue caratteristiche e varietà quale fattore dinamico del paesaggio*, vol. I, 1967; vol. II., 1972 - Napoli, Fratelli Conte Editore; M. Pinna, *Climatologia*, Torino, Utet, 1977
 - NYC Mayor’s Office of Recovery and Resiliency, *Climate Resiliency Design Guidelines - Version 3.0*, Marzo 2019
 - Oke T.R., *IOM Report Nr. 81*, 2004
 - Oke, T., Mills, G., Christen, A., & Voogt, J. (2017). *Urban Climates*. Cambridge: Cambridge University Press. doi:10.1017/9781139016476
 - Peel M. C., Finlayson B. L., McMahon T. A. 2007, Updated world map of the Köppen–Geiger climate classification, *Hydrol. Earth Syst. Sci.* 11 (5): 1633–1644. doi: 10.5194/hess-11-1633-2007. ISSN 1027-5606
 - Porteron S., Leonardsen J., Hahn F., Attström K., Stener Pedersen H., Bailey T., Gander S., Huxley R., Sarfatti C., *URBAN CLIMATE ACTION IMPACTS FRAMEWORK - A Framework for Describing and Measuring the Wider Impacts of Urban Climate Action*, Ramboll & C40
 - Rozenstein Offer, Qin Z., Derimian Y., Karnieli A.: Derivation of Land Surface Temperature for Landsat-8 TIRS Using a Split Window Algorithm, *Sensors* 2014, 14, 5768-5780; doi:10.3390/s140405768
 - Santomauro L., *Lineamenti climatici di Milano 1763-1955*, Comune di Milano, 1957
 - Servizio Meteorologico dell'Aeronautica Militare, *Tabelle climatiche 1971-2000 della stazione meteorologica di Milano Linate*, Atlante Climatico 1971-2000
 - Shaw R., Colley M., Connell, R. (2007) *Climate change adaptation by design: a guide for sustainable communities*. TCPA, London
 - Stewart I.D., Oke T.R., *Local Climate Zones for urban temperature studies*. *Bulletin of the American Meteorological Society*, 93: 1879-1900. December 2012
 - Voogt James A., (2004), *Urban Heat Island: Hotter Cities*. American Institute of Biological Sciences

- Wang Lei, Lu Y., Yao Y.: Comparison of Three Algorithms for the Retrieval of Land Surface Temperature from Landsat 8 Images, *Sensors* 2019, 19, 5049; doi:10.3390/s19225049
- World Meteorological Organization (WMO), Guidelines on the Calculation of Climate Normals, 2017 Edition
- World Meteorological Organization (WMO): Guide to Instruments and Methods of Observation, Volume V: Quality Assurance and Management of Observing Systems, 2018 Edition - Part I: Measurement of meteorological variables, 2017 Update., WMO, 2018 https://www.cittametropolitana.mi.it/Territori_resilienti/adattamento/index.html
- Ali, Rawshan Othman, and Shadan Rashid Abubaker. "Trend analysis using Mann-Kendall, Sen's slope estimator test and innovative trend analysis method in Yangtze river basin, China." *International Journal of Engineering & Technology* 8.2 (2019): 110-119
- ARPA Lombardia: "Il monitoraggio degli eventi estremi come strategia di adattamento ai cambiamenti climatici - Le piogge intense e le valanghe in Lombardia", 2015, http://www.progettostrada.net/media/report_conclusivi/Report_ARPA_Lombardia/Progetto_Strada_ARPA_Lombardia.pdf
- Becciu, G.; Mambretti, S.; Sanfilippo, U.; Brown, M.; Marelli, F.; Salvatore, A.: "Curve di possibilità pluviometrica di Milano-1971-2012 e cambiamenti climatici", in *Servizi a Rete*, 2016, Nr.2
- Brunetti, M., Maugeri, M., Monti, F. and Nanni, T.: "Temperature and precipitation variability in Italy in the last two centuries from homogenised instrumental time series." *Int. J. Climatol.*, 2006, 26: 345-381. <https://doi.org/10.1002/joc.1251>
- De Michele, C.; Rosso, R.; Rulli, M. C.: "Il regime delle precipitazioni intense sul territorio della Lombardia. Technical report, 2005, ARPA Lombardia, Milano
- Frei, C.; Isotta, F. A.: "Ensemble spatial precipitation analysis from rain gauge data: Methodology and application in the European Alps." *Journal of Geophysical Research: Atmospheres*, 2019, 124, 5757–5778. <https://doi.org/10.1029/2018JD030004>
- Gioia, A.; Lioi, B.; Totaro, V.; Molfetta, M.G.; Apollonio, C.; Bisantino, T.; Iacobellis, V. Estimation of Peak Discharges under Different Rainfall Depth–Duration–Frequency Formulations. *Hydrology* 2021, 8, 150. <https://doi.org/10.3390/hydrology8040150>
- Gumbel, E. J.: "Statistics of Extremes", 1958, 375 pp., Columbia Univ. Press, New York
- Marquardt, D.W.: "An algorithm for least-squares estimation of nonlinear parameters," *Journal of the Society for Industrial and Applied Mathematics*, 1963 11(2):431-441
- Wojdyr, M.: "Fityk: a general-purpose peak fitting program", *J. Appl. Cryst.* (2010). 43, 1126-1128, <https://doi.org/10.1107/S0021889810030499>