

Bibliografia climatologica

(31 dicembre 2010)

Questo elenco di titoli proviene da ricerche in rete aventi come principali argomenti il climate change, la temperatura, le precipitazioni, gli eventi pluviometrici e le metodologie di indagine più recenti. L'areale geografico di riferimento è l'arco alpino, ma vi sono anche lavori che, per il tipo di contenuti presenti, descrivono gli aspetti climatici di altre aree geografiche. I titoli raccolti provengono da lavori pubblicati su riviste scientifiche internazionali (ISI) dal 1985 al 2009. L'informazione di ogni titolo riportato è volutamente minimale, infatti sono presenti solamente i campi autore, data, titolo e rivista. Al lettore interessato basterà eseguire un semplice copia/incolla del titolo su un qualsiasi browser web (IE, Mozilla, ecc.) per trovare l'articolo di interesse, spesso come abstract e a volte come full text in pdf. L'elenco sotto riportato non assume certo caratteri di completezza, l'obiettivo è quello di fornire un contributo a chi svolge studi climatici a diverso fine.

1. Alexandersson H. (1985) - **A Simple Stochastic Model of the Precipitation Process**. Journal of Climate.
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62. Burgueno A., Serra C., Lana X. (2004) - **Monthly and annual statistical distributions of daily rainfall at the Fabra Observatory (Barcelona, NE Spain) for the years 1917-1999**. Theoretical and Applied Climatology.
63. Del Rio S., Penas A., Fraile R. (2005) - **Analysis of recent climatic variations in Castile and**

Leon (Spain). Atmospheric Research.

64. Mikkelsen P. S., Madsen T. H., Arnbjerg-Nielsen K. (2005) - **Selection of regional historical rainfall time series as input to urban drainage simulations at ungauged locations.** Atmospheric Research.
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70. Auer I., Bohm R., Jurkovic A., Orlik A., Potzmann R., Schonert W., Ungersbock M., Brunetti M., Nanni T., Maugeri M., Briffa K., Jones P., Efthimiadis D., Mestre O., Moisselin J. M., Begert M., Brazdil R., Bochnicek O., Cegnar T., Gajic-Capka M., Zaninovic K., Majstorovic Z., Szalai S., Szentimrey T., Mercalli L. (2005) - **A new instrumental precipitation dataset for the greater alpine region for the period 1800-2002.** International Journal of Climatology.
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- their links to atmospheric circulation.** Atmospheric Research.
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76. Della-Marta P. M., Wanner H. (2006) - **A Method of Homogenizing the Extremes and Mean of Daily Temperature Measurements.** Journal of Climate.
77. Boni G., Parodi A., Rudari R. (2006) - **Extreme rainfall events: Learning from raingauge time series.** Journal of Hydrology.
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Mediterranean, Semi-arid Region. Natural Hazards.

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Hydrological Processes.

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