

Supplement of Adv. Geosci., 44, 15–22, 2017  
<http://www.adv-geosci.net/44/15/2017/>  
doi:10.5194/adgeo-44-15-2017-supplement  
© Author(s) 2017. CC Attribution 3.0 License.



Advances in  
Geosciences

Open Access



*Supplement of*

## **Combining regional rainfall frequency analysis and rainfall-runoff modelling to derive frequency distributions of peak flows in ungauged basins: a proposal for Sicily region (Italy)**

**Brunella Bonaccorso et al.**

*Correspondence to:* Brunella Bonaccorso (bbonaccorso@unime.it)

The copyright of individual parts of the supplement might differ from the CC-BY 3.0 licence.

Supplementary material: Annual maxima peak flow series

Table S1. Annual maxima peak flow series at Alcantara at Moio

Year	Peak flow (m <sup>3</sup> /s)
1940	356.00
1953	343.82
1954	183.92
1955	65.89
1956	234.47
1957	246.70
1958	292.13
1959	182.65
1960	87.24
1961	107.31
1962	144.45
1963	250.81
1975	231.21
1976	188.70
1977	31.74
1978	74.68
1979	93.25
1980	171.29
1981	100.32
1982	118.01
1983	50.86
1984	265.50
1985	518.75
1986	156.71
1987	65.95
1988	124.72
1989	470.16
1995	159.13
1996	244.10
1998	9.78
1999	127.81
2001	337.41
2002	129.97

Table S2. Annual maxima peak flow series at Salso at Ponte Gagliano

Year	Peak flow (m <sup>3</sup> /s)
1975	84.37
1978	283.14
1979	170.95
1980	592.05
1981	263.41
1982	506.63
1983	131.28
1984	361.41
1985	200.16
1986	159.95
1987	469.92
1988	199.37
1989	54.03
1990	231.97
1991	126.27
1992	182.30
1993	174.79
1994	206.76

Table S3. Annual maxima peak flow series at Belice at Ponte Belice

Year	Peak flow (m <sup>3</sup> /s)
1955	349.91
1956	255.59
1957	255.59
1958	403.09
1959	227.59
1960	177.75
1961	289.50
1962	331.92
1963	165.06
1964	412.41
1965	646.41
1968	229.88
1969	149.68
1970	150.01
1971	116.10
1972	152.51
1973	73.84
1974	59.99
1975	60.62
1976	686.07
1977	26.12
1978	180.93
1979	154.30
1980	197.65
1983	126.75
1984	51.95
1986	177.13
1987	41.00
1988	162.98
1989	7.60
1990	314.49
1994	266.44

Table S4. Annual maxima peak flow series at Imera Meridionale at Drasi

Year	Peak flow (m <sup>3</sup> /s)
1960	645.32
1961	605.88
1962	202.15
1963	284.23
1964	641.46
1965	449.29
1966	436.05
1967	492.10
1968	115.33
1969	323.36
1970	281.27
1971	1120.51
1972	543.30
1973	2281.27
1974	350.16
1975	77.80
1976	3168.75
1977	383.49
1978	655.08
1979	284.54
1980	234.31
1981	558.61
1982	341.15
1983	238.61
1984	678.75
1985	1321.30
1986	442.02
1987	343.38
1988	589.25
1989	59.59
1990	150.04
1993	382.91
1996	1482.50
1997	1038.86
1998	768.83
1999	573.21
2000	485.96
2001	682.66
2002	113.52
2003	1125.01