



Podnebne spremembe – spremljevalke naših dejavnosti v gorah

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Visoka šola za varstvo okolja

Obisk gora v času podnebnih sprememb,
Slovenski planinski muzej, 20. 6. 2020







Foto: Irena Mrak



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Makalu, 8481 m, južna stena



1972 (foto: Jurij Kunaver)

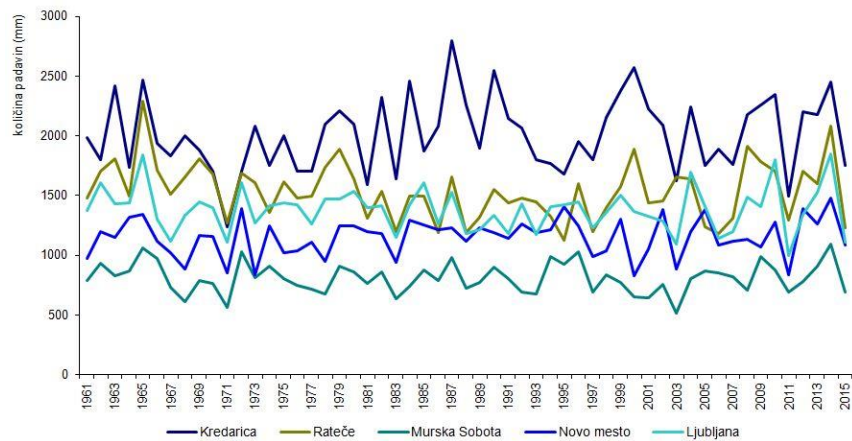
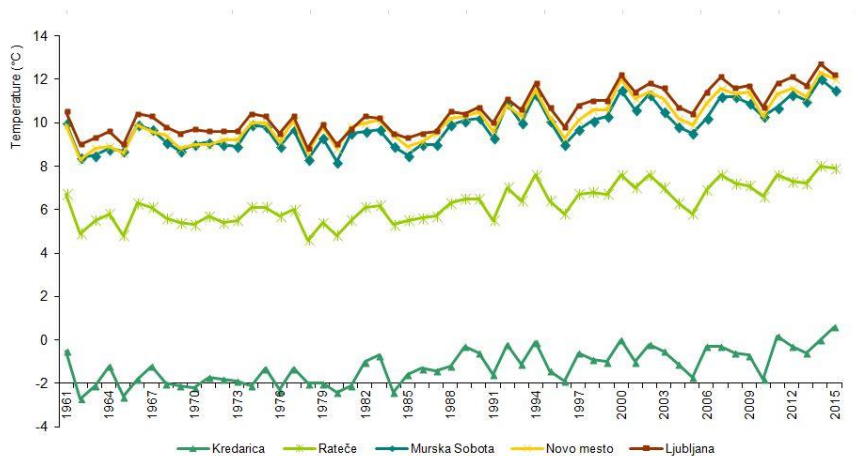


2014 (foto: Irena Mrak)





Temperature in padavine... in obisk gora skozi čas... pri nas



Viri: Urad za meteorologijo, Agencija RS za okolje, 2016

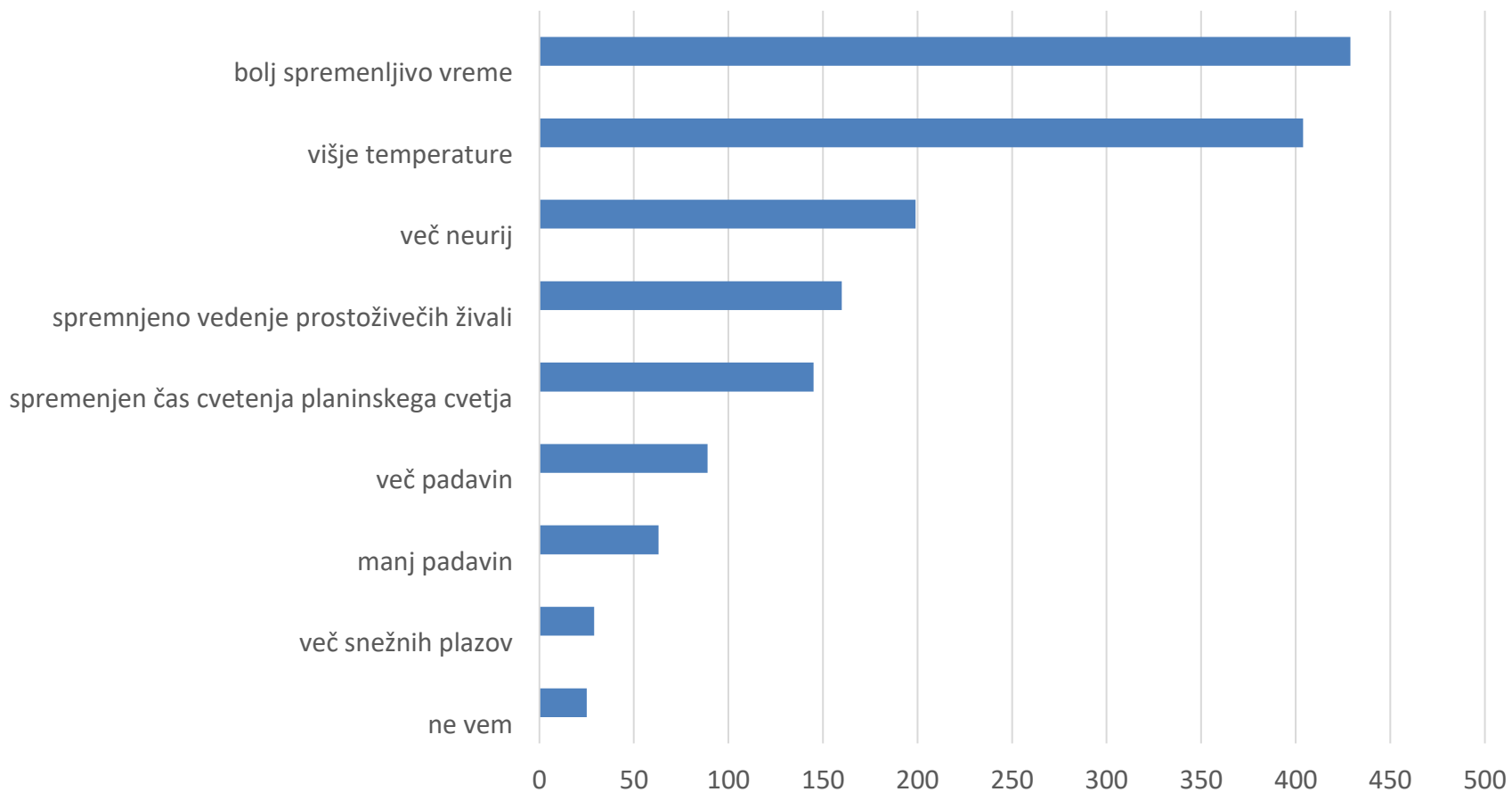


Foto: neznani avtor



Foto: Irena Mrak

Zaznavanje okolijskih sprememb v TNP in NS DS



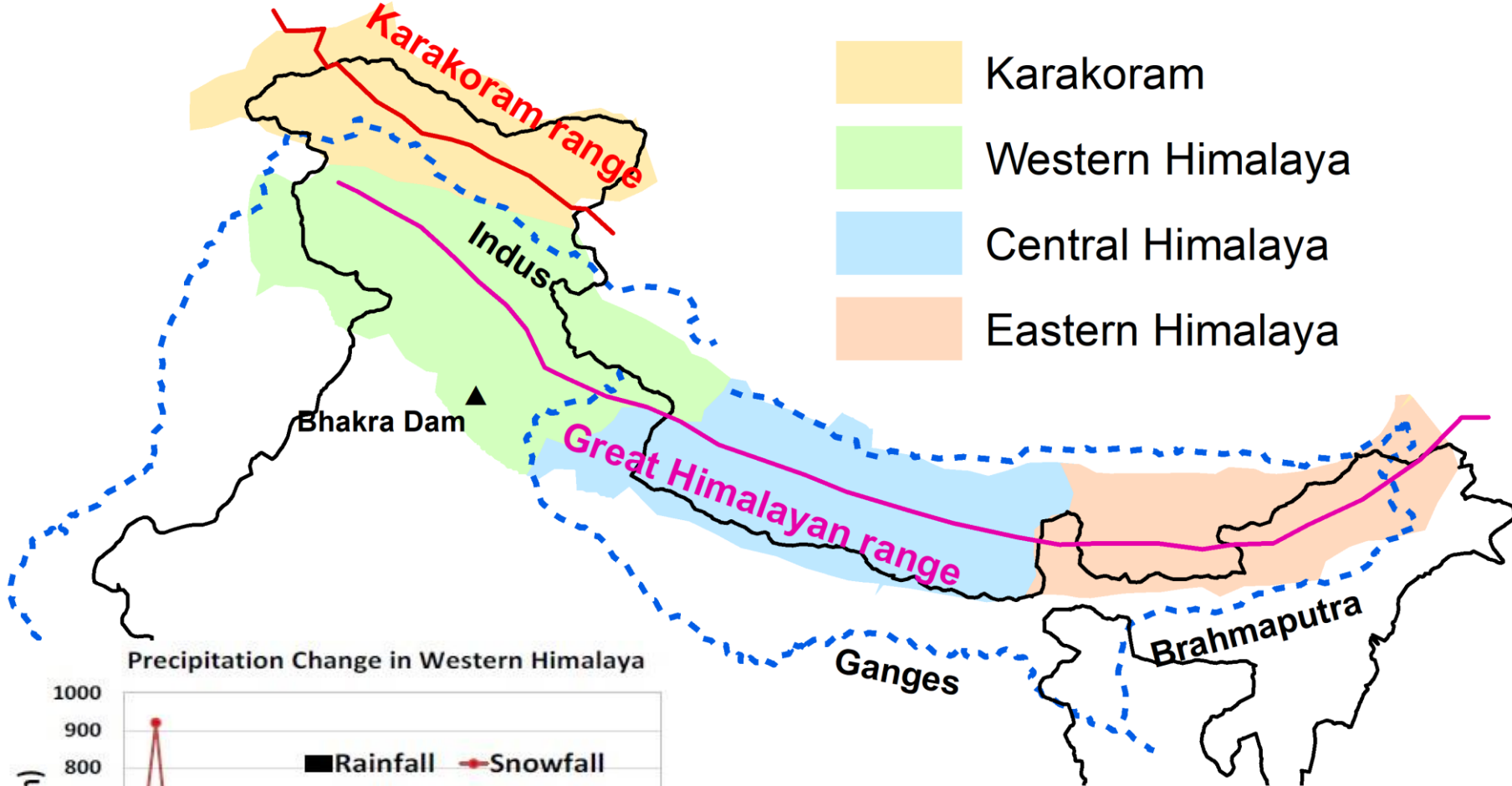
Vir: Mrak et al., 2017

Podnebne spremembe in prebivalstvo gorskih območij

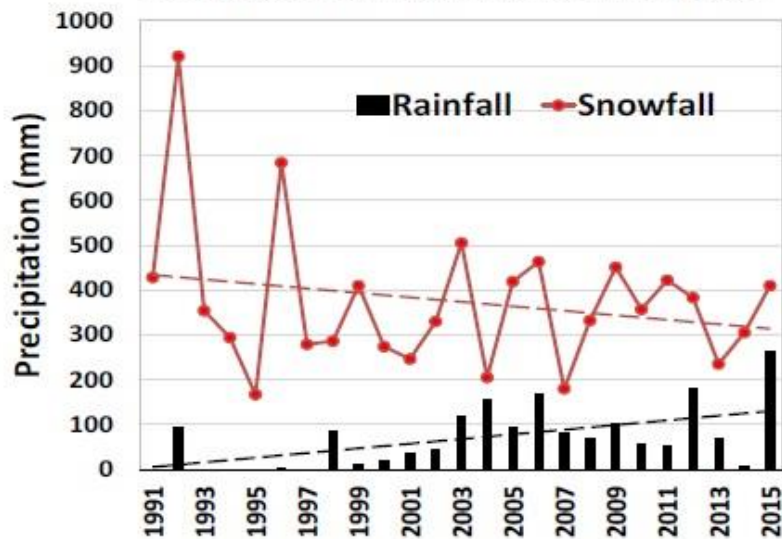
- 10-12 % prebivalstva živi v gorskih območjih.
- 45.6 mio ljudi živi nad 2500 m
- 13.2 mio jih živi nad 3500 m
- 4.1 mio jih živi nad 4500 m

- Tibetanska planota je poseljena že več kot 50 000 let
- Andi so poseljeni 15 000 let





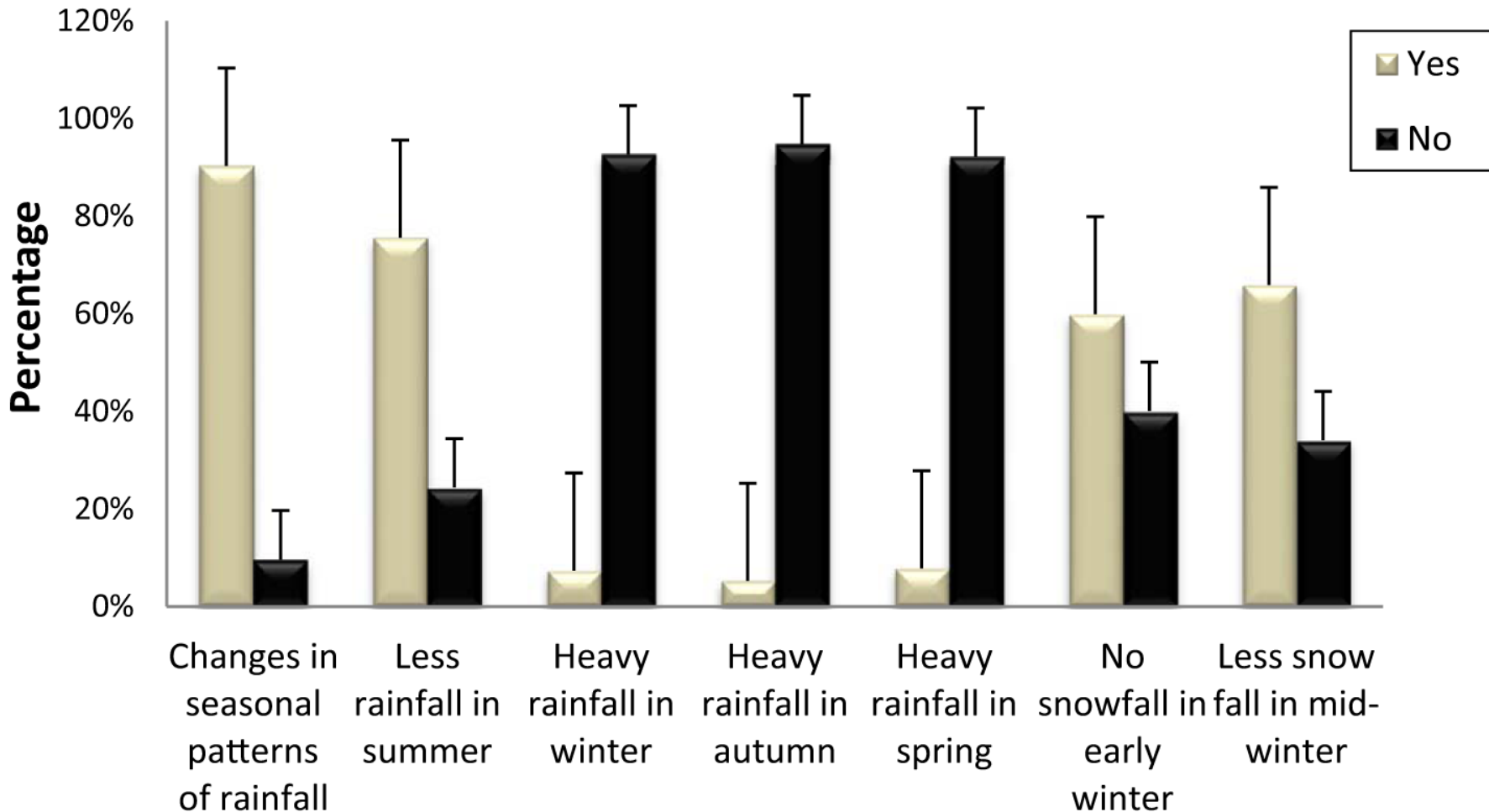
Precipitation Change in Western Himalaya



Padavine v obdobju 1991 do 2015 na območju zahodne Himalaje Kulkarni et al. (2018)

<https://india.mongabay.com/2018/04/warmer-winters-in-the-himalayas-triggering-avalanches/>

Zaznavanje dinamike padavin: domačini v dolini reke Hunza



Source: Survey (2015)









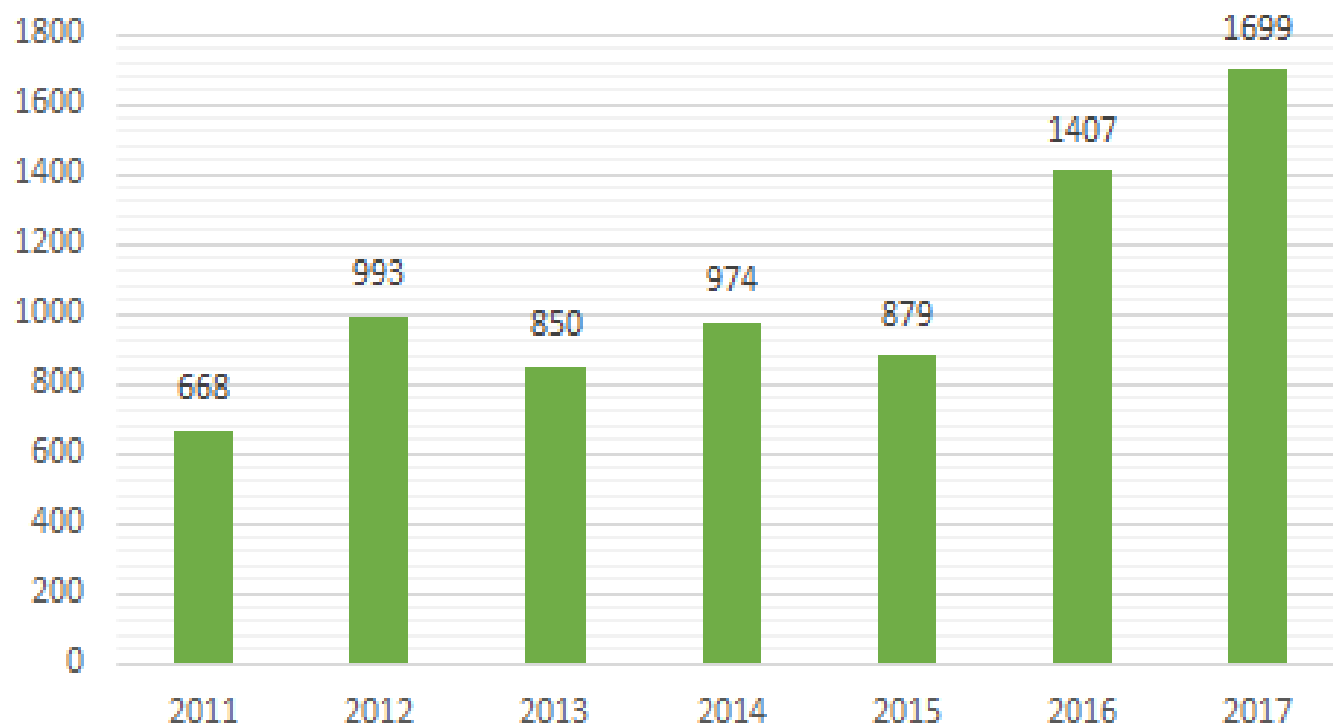


april, 2011

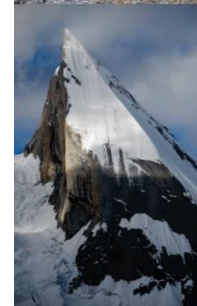




Prihodi tujih turistov v narodni park Srednji Karakorum



Vir: Special Branch Office Gilgit, 2017





Above: An aerial view of Nanga Parbat from the West. **(A)** Part of Ganalo Peak (6,606m). **(B)** North II (7,745m), **(C)** North I (7,816m), **(D)** Forepeak (7,910m), **(E)** Main Summit (8,126m), **(F)** Mazeno Peak (7,120m), **(F2, F3, F4)** Other summits on the Mazeno Ridge. **(1)** North West Ridge of North II thought to have been attempted in 1992. **(2)** North West Face (Eisendle/Messner/Thomaseth, 2000 to c7,500m). **(3)** Tom and Martina (Lafaille/Moro, 2003). **(4)** West Face of North I, Slovak Route (Belica/Just/Zatko/Zatko, 1978). **(5)** Normal (Kinshofer) Route (Kinshofer, Low/Manhardt, 1962). **(6)** Mummery Rib (attempted to 6,100m by Mummery and Ragobir in 1895; descended by Reinhold Messner in 1970: his brother Gunther disappeared somewhere towards the bottom). **(7)** Messner 1978 Descent Route. **(8)** Messner Route (Reinhold Messner, solo 1978). **(9)** Upper section of the 1976 Schell Route (Gimpel/Schauer/Schell/Sturm, 1976). **(10)** The difficult c2,700m North North West Face of the Mazeno Ridge was attempted Alpine style to within 200m of the top during seven days in 1986 by Kiki de Pablo, Alberto Posada and Jose





Foto: Irena Mrak







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