

CLIMATE AND SOCIETY – IMPACTS AND PERCEPTION

<i>Ewa Bednorz</i> – Snow, temperature and precipitation conditions of winters in Poznań in relation to the Wolf numbers	13
<i>Rudolf Brázdil, Michaela Durdáková</i> – The effect of weather factors on fluctuations of grain prices in the Czech Lands in the 16th-18th centuries	19
<i>Neville Brown</i> – The era of Mongol expansion	27
<i>Tanja Cegnar</i> – Perception of climate from the 15th century up to nowadays	31
<i>Georgie S. Georgiev</i> – Bioclimatic diversity of the regions of Ukraine (methods, results, recommendations)	35
<i>Roberto Muffoletto, Anita Bokwa</i> – The construction of awareness: educational images of weather and climate from textbook to the internet	41
<i>Barbara Obrębska-Starkel</i> – An impact of climate in different scales (exemplified by multi-annual changes in ecoclimate of forest communities)	49
<i>Janusz Olejnik, Andrzej Kędziora, Frank Eulenstein, Damian Józefczyk</i> – The general knowledge and understanding of some climatological phenomena	57
<i>Małgorzata Pietrzak</i> – Climatic and human-related factors in the development of relief (based on historical documents pertaining to the marginal zone of the Carpathian Foothills)	65

<i>Agnieszka Podstawczyńska-Bienias</i> – Intensity of ultraviolet and total solar radiation in Łódź	73
<i>Hans von Storch, Nico Stehr</i> – Anthropogenic climate change – a reason for concern since the 18th century and earlier	81
<i>Maria Anna Szumiec, Danuta Augustyn</i> – Climate and ponds since the Middle Ages	87
<i>Trahal Gerasim Vardanian</i> – River runoff as an indicator of global climate change	93

THE CHALLENGE OF CLIMATIC EXTREMES

<i>Krzysztof Błażejczyk</i> – Influence of extremal heat waves on man	101
<i>Oliver Bochníček</i> – Snow temperature measurement evaluation according to the automatic weather station at Chopok during Dec. 1999 – Mar. 2000	109
<i>Elżbieta Cebulak, Pavel Faško, Milan Lapin, Pavel Štastný</i> – Extreme precipitation events in the Western Carpathians	117
<i>Mihail Daradur, Maria I. Nedealkova</i> – Monitoring and dynamics of climatic extremes	125
<i>Pavel Faško, Milan Lapin, Pavel Štastný, Jozef Vivoda</i> – Maximum daily sums of precipitation in Slovakia in the second half of the 20th century	131
<i>Henryk Galant, Alicja Węgrzyn</i> – Maximum precipitation in agrometeorological observatory at Felin in the second half of the 20th century	139
<i>Raino Heino</i> – Changes of climate extremes – fact or fiction?	143
<i>Eugeniusz Filipiuk, Bogusław M. Kaszewski</i> – Hot and cold summers in Central Europe (1871-1990)	149
<i>Leszek Kolendowicz</i> – Water vapor and air temperature on days with thunderstorm in Poznań	155
<i>Milan Lapin, Ingrid Damborská, Pavel Faško, Marián Melo, Pavel Štastný</i> – Scenarios of climatic extremes for Slovakia	159
<i>Ewa Łupikasza</i> – Variability of the extremes in annual course of the monthly precipitation sums in Europe	171
<i>Bolesław Osuch</i> – Variability of potential water resources against the background of annual precipitation changeability	181
<i>Joseph Otterman, Robert Atlas, Joseph Ardizzone, Thomas Brakke, Shu-Hsien Chou, Juan Carlos Jusem, Michael Glantz, Jeff Rogers, Yogesh Sud, Joel Susskind, David Starr, Joseph Terry</i> – Extreme winter/early-spring temperature anomalies in Central Europe	193

<i>Katarzyna Piotrowicz</i> – Estimation of the methods of the extreme winters classification	201
<i>Zbigniew Ustrnul, Danuta Czekierda</i> – Air pressure extremes during the instrumental observation period in Warsaw	207
<i>Joanna Wibig</i> – Temporal variability of the frequency of extreme temperature occurrence in Poland on the example of Zakopane and Łódź	215