

CONTENTS

<i>Paweł Jokiel</i>	
Editorial	375

Papers

<i>Tomasz Bryndal</i>	
Flash floods: Theoretical and practical aspects of the identification of the flood hazard zone in small Carpathian catchments	379
<i>Bogusław Pawłowski</i>	
The disappearance of ice phenomena on the Vistula River at the Toruń water gauging station	407
<i>Klaudia Żaba, Jarosław Suchożebrski</i>	
The impact of land cover changes on effective rainfall in major cities: A case study of Berlin, Prague, and Warsaw	427
<i>Wiktoria Brzezińska, Adam Perz, Dariusz Wrzeński</i>	
Low river runoff in Poland under climate warming conditions	455
<i>Paweł Jokiel, Przemysław Tomalski</i>	
Identification of thermal seasons of selected rivers in central Poland	485
<i>Malwina Kozek-Połomska, Edmund Tomaszewski</i>	
Variability of severe river low-flows and their share in the hydrological drought development in selected regions of Poland (1989–2018)	511
<i>Roman Suligowski, Tadeusz Ciupa</i>	
Multi-year changes in river runoff in the Małopolska Upland in the context of progressive climate change	543