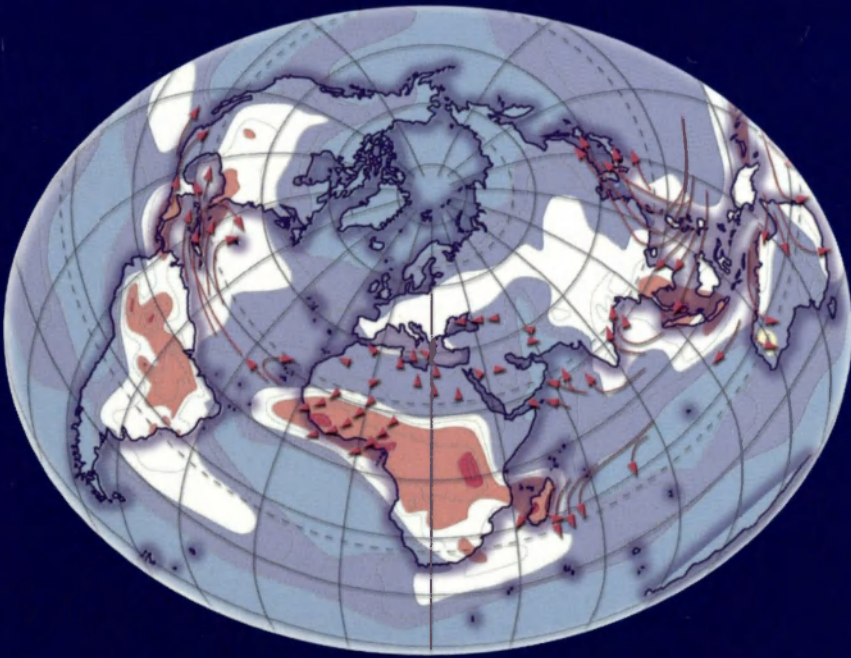


Vol. 83 No. 1

Spring 2010

GEOGRAPHIA POLONICA



**POLISH ACADEMY OF SCIENCES
INSTITUTE OF GEOGRAPHY AND SPATIAL ORGANIZATION**

EDITORS

MAREK DEGÓRSKI (Editor-in-Chief)
TOMASZ KOMORNICKI, MAGDALENA KUCHCIK,
JERZY SOLON, MAREK WIĘCKOWSKI
TOMASZ PACZUSKI (secretary)
(Institute of Geography and Spatial Organization PAS, Warszawa)

EDITORIAL BOARD

MIROSŁAW BŁASZKIEWICZ—University of Toruń,
BOLESŁAW DOMAŃSKI—Jagiellonian University, Kraków,
MAREK DUTKOWSKI—University of Szczecin,
JERZY DZIECIUCHOWICZ—University of Łódź,
MIROSŁAW GROCHOWSKI—University of Warsaw,
JAN ŁOBODA—University of Wrocław,
PIOTR MIGOŃ—University of Wrocław,
JERZY PARYSEK—Adam Mickiewicz University, Poznań,
ZOFIA RĄCZKOWSKA—Institute of Geography and Spatial Organization PAS, Kraków.

INTERNATIONAL ADVISORY BOARD

JOHN S. ADAMS—University of Minnesota, Minneapolis, USA,
ZBYSZKO CHOJNICKI—Adam Mickiewicz University, Poznań, Poland,
PAUL CLAVAL—University of Paris IV, France,
BERARDO CORI—University of Pisa, Italy,
RYSZARD DOMAŃSKI—Poznań University of Economics, Poland,
JOHN E. GORDON—University of St Andrews, UK,
KENNETH J. GREGORY—University of Southampton, UK,
NIELS B. GROTH—Danish Forest and Landscape Research Institute, Denmark,
CHRISTER JONASSON—Abisco Scientific Research Station, Sweden,
PIOTR KORCELLI—Institute of Geography and Spatial Organization PAS, Poland,
ADAM KOTARBA—Institute of Geography and Spatial Organization PAS, Poland,
VERNON MEENTEMEYER—University of Georgia, Athens, USA,
REGINALD D. NOBLE—SCHEDEL, Arboretum&Gardens, Elmore, OH, USA,
JOHN B. PARR—University of Glasgow, UK,
PIERRE PECH—University of Paris I, Panthéon-Sorbonne, France,
LESZEK STARKEL—Institute of Geography and Spatial Organization, Poland,
OLOF WARNERYD—Lund University, Sweden,
MICHAEL WEGENER—University of Dortmund, Germany,
MASATOSHI YOSHINO—University of Toshiba, Japan.

COVER: Map of Storms and Winds from Atlas Świata (World Atlas), 1962,
reproduced courtesy of the Publisher: Wydawnictwo Naukowe PWN
(Polish Scientific Publishers—PWN), Warszawa.

Vol. 83 No. 1

Spring 2010

GEOGRAPHIA POLONICA

POLISH ACADEMY OF SCIENCES
INSTITUTE OF GEOGRAPHY AND SPATIAL ORGANIZATION
WARSZAWA

<http://rcin.org.pl>

PUBLISHED by the Institute of Geography and Spatial Organization,
Polish Academy of Sciences, Warszawa, Poland.

EDITORIAL OFFICE:

Twarda 51/55, 00-818 Warszawa, Poland
Tel. (48 22) 6978-858, Fax (48 22) 620-62-21.

CONTRIBUTIONS and CORRESPONDENCE related to editorial matters
should be sent to the Editor: geographia.polonica@twarda.pan.pl

COPYRIGHT by the Institute of Geography and Spatial Organization,
Polish Academy of Sciences, Warszawa, Poland.

SUBSCRIPTION INFORMATION: Geographia Polonica (ISSN 0016-7282)
is published twice a year, in Spring and Autumn, by the Institute of Geography
and Spatial Organization, Polish Academy of Sciences.

SUBSCRIPTION ORDERS for Geographia Polonica can be placed with:
ARS POLONA, Obrońców 25; 03-933 Warszawa, Poland
www.arspolona.com.pl
(including single past and current issues)

ISSN 0016-7282

INFORMATION ON THE CONTENT (from 1964) and forthcoming issues are available at:
www.igipz.pan.pl/wydaw/home.htm

GEOGRAPHIA POLONICA IS CURRENTLY ON LINE!
www.igipz.pan.pl/wydaw

PREPARED FOR PRINT BY
Drukarnia Klimiuk, Warszawa

PRINT
Drukarnia Klimiuk
Zwierzyniecka 8A, 00-719 Warszawa, Poland

CONTENTS

ARTICLES

- PRZEMYSŁAW TOMALSKI—Maximum recessions of shallow groundwater level in central Poland . 5
- JACEK KACZMARZYK, WACŁAW FLOREK—Overbank sediments along the middle Wieprza
as a record of flood phenomena 13
- WACŁAW FLOREK, JOLANTA JAROMIJ, MAGDALENA SKWIERAWSKA—Hydrotechnic structures
on the Pomeranian rivers – a reaction to extreme hydrologic phenomena in the 19th century
(in the example of the upper Wieprza). 25
- ADAM BARTNIK—The spatial distribution of low flows in Poland not exceeded at an assumed
probability 39
- WACŁAW FLOREK, JACEK KACZMARZYK, MAREK MAJEWSKI—Dynamics of the Polish
coast east of Ustka 51
- KATARZYNA J. MAROSZ, EWA JAKUSIK—Sea level variability in the eastern part
of the Polish Baltic Sea coast 1975-2004 61