

Spis treści

Introduction	7
Part 1. The Bridge of Data Project Assumptions	13
The Bridge of Data Project Objectives	
<i>Anna Wałek, Michał Nowacki, Paweł Lubomski</i>	15
Data Analysis in Bridge of Data	
<i>Wojciech Artichowicz, Krzysztof Drypczewski, Jerzy Proficz</i>	46
Part 2. Data Management Practices	59
The Digital Tissue and Cell Atlas and the Virtual Microscope	
<i>Jarosław Skokowski, Marika Bolcewicz, Kamila Kreft, Thierry van de Wetering, Jacek Gulczyński, Anna Lewandowska, Leszek Kalinowski</i>	61
Towards Open Research Data in the Economics Discipline	
<i>Piotr Kasprzak, Magdalena Szuflińska-Żurawska</i>	70
A Text as a Set of Research Data. A Number of Aspects of Data Acquisition and Creation of Datasets in Neo-Latin Studies	
<i>Grzegorz Kotłowski, Jacek Pokrzywnicki, Elżbieta Starek</i>	79
Surf Zone Currents in the Coastal Zone of the Southern Baltic Sea - a Modelling Approach	
<i>Aleksandra Dudkowska, Aleksandra Cupiał</i>	92
Using Synchronously Registered Biosignals Dataset for Teaching Basics of Medical Data Analysis - Case Study	
<i>Tomasz Kocejko</i>	100
Part 3. Data Descriptors	107
Educational Dataset of Handheld Doppler Blood Flow Recordings	
<i>Tomasz Kocejko</i>	109
Testing the Diagnostic Utility of Recombinant <i>Toxoplasma Gondii</i> Chimeric Antigens - Generated Datasets	
<i>Bartłomiej Ferra</i>	113

Long-Term Measurement of Physiological Parameters - Child Dataset <i>Małgorzata Szczerska</i>	119
Porous Phantoms Mimicking Tissues - Investigation of Optical Parameter Stability Over Time <i>Monika Ronawska</i>	123
Non-Contact Temperature Measurements Dataset <i>Aleksander Mroziński</i>	127
Determination of Changes in Viscosity of Hydrogel Depending on Shear Rates <i>Szymon Mania, Robert Tylingo, Katarzyna Kozłowska-Tylingo</i>	130
Mechanical Properties of Human Stomach Tissue <i>Szymon Grymek</i>	134
Measurement of the Temporal and Spatial Temperature Distribution on the Surface of PVCP Tissue Phantom Illuminated by Laser Dataset <i>Anna Sękowska-Namiołko</i>	138
Herbarium of Division of Marine Biology and Ecology as the Primary Basis for Conservation Status Assessments in the Gulf of Gdańsk <i>Ilona Złoch</i>	142
Macrophytobenthos in the Puck Bay in 2010-2018 Dataset <i>Aleksandra Zgrundo</i>	146
Cyanobacterial and Algal Strains in the Culture Collection of Baltic Algae (CCBA) <i>Filip Pniewski</i>	151
Occurrence of Cyanobacteria in the Gulf of Gdańsk (2008-2009) <i>Justyna Kobos, Anna Krakowiak, Agata Błaszczyk, Anna Toruńska-Sitarz</i>	154
Mercury in various components of the environment (Gulf of Gdańsk, southern Baltic Sea) <i>Magdalena Bełdowska</i>	158
Methodology of the Morphometry Study on Baltic Herring <i>Jakub Idczak</i>	162
Early Oceanographical Data Collected by the Institute of Oceanography University of Gdańsk <i>Maciej Matciak, Adam Krężel</i>	168
High-Resolution Wind Wave Parameters in the Area of the Gulf of Gdańsk During 21 Extreme Storms <i>Gabriela Gic-Grusza, Aleksandra Dudkowska</i>	171

Long-term Hindcast Simulation of Currents, Sea Level, Water Temperature and Salinity in the Baltic Sea <i>Marek Kowalewski</i>	175
Areas of Updraft Air Motion in an Idealised Weather Research and Forecasting Model Simulation of Atmospheric Boundary Layer Response to Different Floe Size Distributions <i>Marta Wenta</i>	180
High Resolution Sea Ice Floe Size and Shape Data from Knox Coast, East Antarctica <i>Agnieszka Herman</i>	184
Long-Term GNSS Tropospheric Parameters for the Tropics (2001-2018) derived from selected IGS stations <i>Zofia Baldysz, Grzegorz Nykiel, Mariusz Figurski</i>	187
Simulations of the Derecho Event in Poland of 11 th August 2017 Using WRF Model <i>Mariusz Figurski, Grzegorz Nykiel</i>	193
Split-Beam Echosounder Data from Puck Bay <i>Patryk Damian Pezacki</i>	199
Vehicle Detection and Speed Estimation Using Millimetre Wave Radar <i>Piotr Ody</i>	203
AC Motor Voltage and Audible Noise Dataset <i>Beata Pałczyńska</i>	207
Impedance Spectra of RC Model as a Result of Testing Pulse Excitation Measurement Method Dataset <i>Grzegorz Len tka</i>	211
X-ray Photoelectron Spectroscopy of Carboxylic Acids as Corrosion Inhibitors of Aluminium Alloys <i>Jacek Ryl, Joanna Wysocka</i>	215
Crack Mouth Opening Displacement for EH36 Shipbuilding Steel Measurements Dataset <i>Jakub Kowalski, Janusz Kozak</i>	219
Tribological Properties of Thermoplastic Materials Formed by 3D Printing by FDM Process <i>Jacek Lubiński</i>	222
Potential Energy Curves of Diatomic Alkali Molecules Datasets <i>Patryk Jasik, Tymon Kilich</i>	226

Minimal Sets of Lefschetz Periods for Morse-Smale Diffeomorphisms of a Connected Sum of g Real Projective Planes <i>Grzegorz Graff, Adrian Myszkowski</i>	230
On Computing Curlicues Generated by Circle Homeomorphisms <i>Justyna Signerska-Rynkowska</i>	233
Video of LEGO Bricks on Conveyor Belt Dataset Series <i>Tomasz Boiński</i>	236
Regeneration Project of Market Places GOSPOSTRATEG - "Polanki" Market in Gdańsk-Oliwa Pilot Project Monitoring Dataset <i>Justyna Borucka</i>	240
Description of the Dataset Hanow - Praecepta de Arte Disputandi - Transcription and Photographs <i>Jacek Pokrzywnicki</i>	247
Description of the Dataset Rhetoric at School - a Selection of the Syllabi from the Academic Gymnasium in Gdańsk - Transcription and Photographs <i>Jacek Pokrzywnicki</i>	251
Legislation and Practice of Selected State Aid Issues, According to EU and Polish Law <i>Anna Dobaczewska</i>	255
Dataset Relating Collective Angst, Identifications, Essentialist Continuity and Collective Action for Progressive City Policy among Gdańsk Residents <i>Michał Jaśkiewicz, Tomasz Besta, Judyta Borchet</i>	258
Multiple Group Membership and Collective Action Intention <i>Tomasz Besta, Paweł Jurek</i>	261
Data from the Survey on Entrepreneurs' Opinions on Factors Determining the Employment of the Gdańsk University of Technology Graduates <i>Michał T. Tomczak</i>	264
Data from the Survey on Gdańsk University of Technology Graduates' Professional Careers <i>Michał T. Tomczak</i>	267
Summary	270