



AMENDMENT NO. 5 TO ELSEVIER SUBSCRIPTION AGREEMENT

No. 1-14071031745

This Amendment (the "Amendment") has been entered into

BY AND BETWEEN

Name: Elsevier B.V.

Seat: Radarweg 29, 1043 NX Amsterdam, The Netherlands

Identification number: 33158992

Represented by: Gino Ussi, Executive Vice President RSS (the "Elsevier")

AND

Name: National Library of Technology, a State Contribution

Organization set up by the Ministry of Education, Youth and Sports

Seat: Technická 2710/6, 160 80 Praha 6 – Dejvice, Czech Republic

Identification number: 61387142

Represented by: Ing. Martin Svoboda, Director (the "Lead Institution")

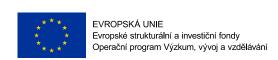
individually the "Party" and collectively the "Parties".

WHEREAS

On May 30, 2018 Elsevier and Lead Institution entered into three Elsevier Subscription Agreements regarding the licensed materials Science Direct ®, Scopus ®, and Knovel ® as defined in Annexes of these three agreements (the "Agreements" and each agreement individually as the "Agreement"), as last amended by Amendment No.4 on September 30, 2020. The Agreements were published in the Register of Contracts on 25 May 2020.

The Parties intend:

- to update the Agreements related to Science Direct ® and to Scopus ® as specified hereunder due to specification of the Fees and particularly due to cancellation of year-on-year increases of Fees for 2021 and 2022; and
- to add additional Backfile collections; and
- to update the Agreement related to Science Direct ® as specified hereunder due to specification of the Fees and particularly due to the Title Drops and Title Swaps in 2021 that occurred as follows:









Title Drops as of 1 January 2021:

Masaryk University (SIS Id: ECR-246421)

Agreement Number	Product ID	ISSN	Journal Comments	Subscribed Title	2020 Acc Price
1-18860404721	05251	0001-6918	Migrate to OA	Acta Psychologica	
1-18860404721	05248	1350-4177	Flip to OA	Ultrasonics Sonochemistry	

Brno University of Technology (SIS Id: ECR-246425)

Agreement Number	Product ID	ISSN	Journal Comments	Subscribed Title	2020 Acc Price
1-18860286339	02050	0142-9418	Migrate to OA	Polymer Testing	

Czech Hydrometeorological Institute (SIS Id: ECR-397110)

Agreement Number	Product ID	ISSN	Journal Comments	Subscribed Title	2020 Acc Price
1-18860398906	02273	1470-160X	Migrate to OA	Ecological Indicators	

University of Ostrava (SIS Id: ECR-497421)

Agreement Number	Product ID	ISSN	Journal Comments	Subscribed Title	2020 Acc Price
				International Journal of Applied Earth Observation and	
1-18860404659	05539	0303-2434	Flip to OA	Geoinformation	

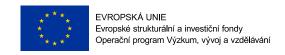
National Institute of Public Health (SIS id: ECR-344959)

Agreement Number	Product ID	ISSN	Journal Comments	Subscribed Title	2020 Acc Price
				International Journal of	
1-18860531999	10025	1438-4221	Flip to OA	Medical Microbiology	

Title Swap as of 1 January 2021 (Title Swap Ecological Indicators → Urban Climate):

Czech Hydrometeorological Institute (SIS Id: ECR-397110)

Agreement Number	Product ID	ISSN	Subscribed Title	2020 Acc Price
1-18860398906	08819	2212-0955	Urban Climate	









NOW, THEREFORE, in accordance with the Agreements, the Parties hereby agree as follows:

1. REVISIONS

By signing of this Amendment, the Parties expressly and irrevocably agree to modify the Agreement as follows:

1.1 In the Agreement related to **Scopus** ®, Schedule 1 Subscribed Products/Access/Fees, the table with the prices of Subscribed Products for each Institution shall be modified and replaced (the altered part is highlighted in red) as follows:

	Scopus® – Elsevier B.V.	scopus.com				
SIS ID	Institution Name	Year 2018 EUR	Year 2019 EUR	Year 2020 EUR	Year 2021 EUR	Year 2022 EUR
ECR-55049	NTK					
ECR-246421	Masaryk University	-				
ECR-246425	Brno University of Technology	_				
ECR-246427	University of Jan Evangelista Purkyne in Usti nad Labem					
ECR-246428	University of Veterinary and Pharmaceutical Sciences Brno	-				
ECR-246444	Palacky University Olomouc	-				
ECR-246451	VŠB–Technical University of Ostrava	-				
ECR-246454	University of Pardubice	-				
ECR-246460	Academy of Sciences of the Czech Republic	-				
ECR-246469	Charles University	-				
ECR-246470	Czech technical University in Prague	-				
ECR-246500	University of Economics	-				
ECR-328614	Czech Geological Survey	_				
ECR-336615	University of West Bohemia	-				
ECR-337231	Technical University of Liberec	_				
ECR-347914	University of Hradec Kralove	-				
ECR-363103	University of South Bohemia	-				
ECR-380056	Mendel University in Brno	_				
ECR-407339	Veterinary Research Institute	-				
ECR-419125	Tomas Bata University in Zlin					
ECR-497421	University of Ostrava					
ECR-514447	University of Defence	_				
ECR-531227	Institute of Hematology and Blood Transfusion					



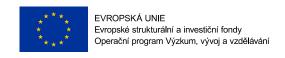




ECR-55047	University of Chemistry and Technology Prague					
ECR-55049	National Technical Library					
ECR-55082	Czech University of Life Sciences Prague					
ECR-66632	Silesian University in Opava					
ECR-833746	Government of the Czech Republic	-				
ECR- 1055094	Research Centre Řež	-				
ECR-344959	National Institute of Public Health					
ECR-79780	Institute of Agricultural Economics and Information					
ECR- 26466126	Forestry and Game Management Research Institute					
	Total Fees	€ 1,205,736.00	€ 1,278,080.00	€ 1,354,765.00	€ 1,354,765.00	€ 1,354,765

1.2 In the Agreement related to **Science Direct** ®, Schedule 1 Subscribed Products/Access/Fees, the table with the prices of Subscribed Products for each Institution shall be modified and replaced (the altered part is highlighted in red) as follows:

	Subscribed Products – publisher	Access				
	Science Direct®	sciencedirect.	com			
SIS ID	Account Name	Year 2018	Year 2019	Year 2020	Year 2021	Year 2022
		EUR	EUR	EUR	EUR	EUR
ECR-55049	NTK as lead institution					
ECR-246425	Brno University of Technology					
ECR- 246469	Charles University					
ECR- 344940	Crop Research Institute					
ECR-328614	Czech Geological Survey					
ECR- 397110	Czech Hydrometeorological Institute					
ECR-55082	Czech University of Life Sciences Prague					
ECR- 246470	Czech technical University in Prague					
ECR-79780	Institute of Agricultural Economics and Information					
ECR-63934	Institute for Clinical and Experimental medicine					





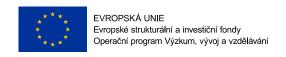




ECR- 531227	Institute of Hematology and Blood Transfusion					
ECR-246460	Czech Academy of Sciences					
ECR- 246421	Masaryk University					
ECR- 380056	Mendel University in Brno					
ECR-344959	National Institute of Public Health					
ECR-55049	National Library of Technology					
ECR-246449	Ostrava City Hospital	*				
ECR-246444	Palacky University Olomouc					
ECR-66632	Silesian University in Opava					
ECR- 337231	Technical University of Liberec					
ECR- 419125	Tomas Bata University in Zlin					
ECR- 748886	University Hospital Brno					
ECR-381943	University Hospital Bulovka					
ECR-55047	University of Chemistry and Technology Prague					
ECR- 514447	University of Defence	*				
ECR-347914	University of Hradec Kralove					
ECR- 246427	University of Jan Evangelista Purkyne in Usti nad Labem					
ECR- 497421	University of Ostrava					
ECR-246454	University of Pardubice					
ECR-363103	University of South Bohemia					
ECR- 246428	University of Veterinary and Pharmaceutical Sciences Brno					
ECR-336615	University of West Bohemia					
ECR- 407339	Veterinary Research Institute					
ECR- 246451	VŠB–Technical University of Ostrava	•				
	Total	€ 5,000,796.12	€ 5,256,287.71	€ 5,529,137.22	€ 5,520,483.00	€ 5,520

1.3 In the Agreement related to Science Direct ®, Schedule 1 Subscribed Products/Access/Fees, additional wording and tables shall be added after the table with the specification of the Fees for Subject Backfile Collection(s) in three instalments and above the Section "Adjustment of Fees" as follows:

"The Subscribed Products and Fees identified below are in addition to those identified in the Agreement.









Subscribed Products – publisher	Access	EUR
ScienceDirect® online – Elsevier B.V.	sciencedirect.com	
Subject Backfile Collection(s)	,	
-Biochemistry, Genetics and Molecular Biology		
-Engineering and Technology		
-Inorganic Chemistry		
-Medicine and Dentistry		
-Physics General		
TOTAL FEES		€ 709,729.00

Notwitstanding the Term of the Agreement, the access and use of the above Subject Backfile Collections(s) will continue in perpetuity in accordance with the provisions of the Agreement.

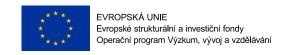
Subject Backfile Collection(s): Electronic access to the full text of articles from a selection of journal titles in a particular subject or discipline, identified on Schedule 1, published during the year(s) set forth in the relevant Subject Backfile Collection Journal Title List at http://www.elsevier.com/solutions/sciencedirect/content/journal-title-lists#journal title list.

The Lead Institution will pay to Elsevier the Fees for Subject Backfile Collection(s) in two installments as set forth below:

Payment	Due Date no later than	Fees
2021 1st payment	15 May 2021	
2022 2nd payment	15 May 2022	
Total Fees		€ 709,729.00

1.4 In the Agreement related to **Science Direct** ®, the tables related to Masaryk University, Brno University of Technology, Czech Hydrometeorological Institute and University of Ostrava in Annex A to Schedule 1.1 Subscribed Titles shall be modified and replaced (the altered part is highlighted in red) as follows:











MASARYK UNIVERSITY

Product ID	ISSN	Subscribed Title (online only)
00471	0306-4603	Addictive Behaviors
12005	0001-8708	Advances in Mathematics
13240	0002-8703	American Heart Journal
07582	0002-9394	American Journal of Ophthalmology
13027	0889-5406	American Journal of Orthodontics and Dentofacial
		Orthopedics
10030	0940-9602	Annals of Anatomy
05253	0168-0072	Annals of Pure and Applied Logic
03002	0143-6228	Applied Geography
05255	0004-3702	Artificial Intelligence
05324	0009-2541	Chemical Geology
08065	1388-2457	Clinical Neurophysiology
12821	0009-9260	Clinical Radiology
12022	0010-0285	Cognitive Psychology
05258	0925-7721	Computational Geometry
02066	0267-3649	Computer Law & Security Review
12659	0885-2308	Computer Speech and Language
02223	0952-7915	Current Opinion in Immunology
12714	1756-2317	Diagnostic Histopathology
06006	0925-9635	Diamond and Related Materials
08664	0301-4681	Differentiation
03024	0261-3794	Electoral Studies
00682	0889-4906	English for Specific Purposes
02022	0269-7491	Environmental Pollution
05029	0920-1211	Epilepsy Research
12707	1090-3798	European Journal of Paediatric Neurology
10001	0009-2819	Geochemistry
00344	0016-7185	Geoforum
12047	0315-0860	Historia Mathematica
12048	0890-5401	Information and Computation
00968	0883-0355	International Journal of Educational Research
00535	0147-1767	International Journal of Intercultural Relations
12632	1756-0616	International Journal of Law, Crime and Justice
08028	0165-5876	International Journal of Pediatric Otorhinolaryngology
07419	0890-4065	Journal of Aging Studies
12643	0305-4403	Journal of Archaeological Science
03053	0300-5712	Journal of Dentistry
08032	0923-1811	Journal of Dermatological Science
12637	0195-6701	Journal of Hospital Infection
12074	0749-596X	Journal of Memory and Language
13069	0022-3468	Journal of Pediatric Surgery
12626	0095-4470	Journal of Phonetics
05291	0378-2166	Journal of Pragmatics
04244	1440-2440	Journal of Science and Medicine in Sport
13422	1051-0443	Journal of Vascular and Interventional Radiology



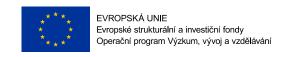




Product ID	ISSN	Subscribed Title (online only)
13089	0741-5214	Journal of Vascular Surgery
05117	0169-2046	Landscape and Urban Planning
00583	0145-2126	Leukemia Research
07459	0740-8188	Library & Information Science Research
05295	0024-3841	Lingua
07539	0958-3947	Medical Dosimetry
13252	0026-0495	Metabolism
05074	1383-5742	Mutation Research: Reviews in Mutation Research
12098	1074-7427	Neurobiology of Learning and Memory
00279	0028-3908	Neuropharmacology
05450	1384-1076	New Astronomy
07585	0161-6420	Ophthalmology
00105	1368-8375	Oral Oncology
05302	0167-8191	Parallel Computing
07756	0887-8994	Pediatric Neurology
05304	0166-5316	Performance Evaluation
05305	0304-422X	Poetics
05418	0304-3479	Russian Literature
09065	0765-1597	Science & Sports
05316	0167-6393	Speech Communication
07767	0039-6257	Survey of Ophthalmology
00703	0736-5853	Telematics and Informatics
07587	0002-9343	The American Journal of Medicine
07760	1529-9430	The Spine Journal
13342	2666-6367	Transplantation and Cellular Therapy
02115	0968-0004	Trends in Biochemical Sciences
02122	0169-5347	Trends in Ecology & Evolution
02161	1471-4914	Trends in Molecular Medicine
02117	0165-6147	Trends in Pharmacological Sciences
07554	0301-5629	Ultrasound in Medicine & Biology

Product ID	ISSN	Clinics Collection Journal Title
13050	0749-0704	Critical Care Clinics











BRNO UNIVERSITY OF TECHNOLOGY

Product ID	ISSN	Subscribed Title (online only)
05191	0169-4332	Applied Surface Science
00270	0005-1098	Automatica
03004	0142-9612	Biomaterials
02012	0958-9465	Cement and Concrete Composites
00352	0008-8846	Cement and Concrete Research
02013	0272-8842	Ceramics International
02019	0266-3538	Composites Science and Technology
02069	0167-4048	Computers & Security
05262	1389-1286	Computer Networks
12659	0885-2308	Computer Speech and Language
00123	0967-0661	Control Engineering Practice
05366	0167-9236	Decision Support Systems
02214	0109-5641	Dental Materials
06009	0378-7788	Energy and Buildings
00975	0952-1976	Engineering Applications of Artificial Intelligence
05330	0013-7952	Engineering Geology
00682	0889-4906	English for Specific Purposes
07663	0019-8501	Industrial Marketing Management
05282	0020-0190	Information Processing Letters
03042	0143-7496	International Journal of Adhesion and Adhesives
00210	0017-9310	International Journal of Heat and Mass Transfer
02036	0955-2219	Journal of the European Ceramic Society
12017	1532-0464	Journal of Biomedical Informatics
02032	0143-974X	Journal of Constructional Steel Research
05387	0929-1199	Journal of Corporate Finance
03015	1475-1585	Journal of English for Academic Purposes
06022	0378-7753	Journal of Power Sources
03057	0959-1524	Journal of Process Control
00358	0024-6301	Long Range Planning
00933	0957-4158	Mechatronics
03072	0963-8695	NDT & E International
02052	0266-8920	Probabilistic Engineering Mechanics
00415	0376-0421	Progress in Aerospace Sciences
00969	0960-1481	Renewable Energy
05311	0165-1684	Signal Processing
05316	0167-6393	Speech Communication
05425	0167-4730	Structural Safety
02057	0263-8231	Thin-Walled Structures
05246	0304-3991	Ultramicroscopy







CZECH HYDROMETEOROLOGICAL INSTITUTE

Product ID	ISSN	Subscribed Title (online only)
05320	0168-1923	Agricultural and Forest Meteorology
05086	0167-8809	Agriculture, Ecosystems & Environment
00246	1352-2310	Atmospheric Environment
05322	0169-8095	Atmospheric Research
02008	0006-3207	Biological Conservation
05100	0921-8009	Ecological Economics
05101	0925-8574	Ecological Engineering
07817	0973-0826	Energy for Sustainable Development
03026	0301-4215	Energy Policy
07643	0195-9255	Environmental Impact Assessment Review
02022	0269-7491	Environmental Pollution
01031	1462-9011	Environmental Science & Policy
05106	0378-1127	Forest Ecology and Management
10009	1617-1381	Journal for Nature Conservation
03052	0959-6526	Journal of Cleaner Production
05162	0304-3894	Journal of Hazardous Materials
05344	0022-1694	Journal of Hydrology
03063	0264-8377	Land Use Policy
07759	0034-4257	Remote Sensing of Environment
00969	0960-1481	Renewable Energy
05127	0048-9697	Science of the Total Environment
05128	0304-4238	Scientia Horticulturae
02122	0169-5347	Trends in Ecology & Evolution
00404	0956-053X	Waste Management
00309	0043-1354	Water Research







UNIVERSITY OF OSTRAVA

Product ID	ISSN	Subscribed Title (online only)
09000	1146-609X	Acta Oecologica
07689	0749-3797	American Journal of Preventive Medicine
10030	0940-9602	Annals of Anatomy
13057	1092-9134	Annals of Diagnostic Pathology
05434	1568-4946	Applied Soft Computing
07519	0009-9120	Clinical Biochemistry
05366	0167-9236	Decision Support Systems
00267	0098-8472	Environmental and Experimental Botany
07643	0195-9255	Environmental Impact Assessment Review
05371	0165-0114	Fuzzy Sets and Systems
05334	0169-555X	Geomorphology
07669	0020-0255	Information Sciences
07662	0888-613X	International Journal of Approximate Reasoning
00968	0883-0355	International Journal of Educational Research
05340	0924-2716	ISPRS Journal of Photogrammetry and Remote Sensing
07419	0890-4065	Journal of Aging Studies
10010	0176-1617	Journal of Plant Physiology
00539	0191-8141	Journal of Structural Geology
00867	0388-0001	Language Sciences
00678	0732-118X	New Ideas in Psychology
09054	0981-9428	Plant Physiology and Biochemistry
05305	0304-422X	Poetics
00636	0277-3791	Quaternary Science Reviews
04238	0276-5624	Research in Social Stratification and Mobility
05418	0304-3479	Russian Literature
00154	0039-3681	Studies in History and Philosophy of Science Part A
07587	0002-9343	The American Journal of Medicine







Annex A to Schedule 1.1 Subscribed Titles NATIONAL INSTITUTE OF PUBLIC HEALTH

Product	ISSN	Title
5137	0003-2670	Analytica Chimica Acta
362	0045-6535	Chemosphere
7639	0732-8893	Diagnostic Microbiology and Infectious Disease
12035	0013-9351	Environmental Research
237	0278-6915	Food and Chemical Toxicology
2025	0308-8146	Food Chemistry
10024	1438-4639	International Journal of Hygiene and Environmental Health
10025	1438-4221	International Journal of Medical Microbiology
5021	1386-6532	Journal of Clinical Virology
12637	0195-6701	Journal of Hospital Infection
12631	0163-4453	Journal of Infection
5058	0167-7012	Journal of Microbiological Methods
5173	0731-7085	Journal of Pharmaceutical and Biomedical Analysis
10014	0946-672X	Journal of Trace Elements in Medicine and Biology
5064	0166-0934	Journal of Virological Methods
9047	1286-4579	Microbes and Infection
5069	0027-5107	Mutation Research: Fundamental and Molecular Mechanisms of Mutagenesis
5073	1383-5718	Mutation Research: Genetic Toxicology and Environmental Mutagenesis
5577	0161-813X	NeuroToxicology
12105	0048-3575	Pesticide Biochemistry and Physiology
12107	0091-7435	Preventive Medicine
12110	0273-2300	Regulatory Toxicology and Pharmacology
5127	0048-9697	Science of the Total Environment
5185	0584-8547	Spectrochimica Acta Part B: Atomic Spectroscopy
5187	0039-9140	Talanta
2284	0140-6736	The Lancet
800	0887-2333	Toxicology in Vitro
8057	0378-4274	Toxicology Letters
2125	0966-842X	Trends in Microbiology
2121	1471-4922	Trends in Parasitology
3094	0264-410X	Vaccine
5134	0378-1135	Veterinary Microbiology
5082	0168-1702	Virus Research
309	0043-1354	Water Research





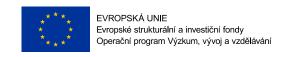


1.5 The other provisions of the Agreements shall remain unchanged.

2. MISCELLANEOUS

- 2.1 Regarding the law governing the Amendment and the resolution of any dispute which may arise from it, the Parties have agreed that the corresponding provisions of the Agreements shall apply by analogy.
- 2.2 The Amendment shall be binding upon, and inure to the benefit of, the Parties and their respective legal successors and assigns.
- 2.3 The Amendment shall become valid on the date of signature by both Parties. The Amendment comes into effect on the date of its publication in the Register of Contracts under the conditions stipulated by Act No. 340/2015 Coll., On the Register of Contracts, as amended. The Amendment will be published in the Register of Contracts by the Lead Institution.
- 2.4 No changes, alterations or modifications hereto shall be effective unless made in writing and signed by the Parties.
- 2.5 The Amendment is compiled in three (3) counterparts in the English language, each of which has the power of an original. Elsevier shall receive one counterpart and the Lead Institution shall receive two counterparts.
- 2.6 The Parties agree that electronically signed versions of this originally executed Amendment are acceptable in lieu of printed signed copies and are to be given full force and effect under law and each Party declares that the electronic execution is valid and effective in the jurisdiction the Party executes the Amendment.











IN WITNESS HEREOF, the Parties hereto have caused the Amendment to be executed by their duly authorized representatives on the day(s) written below.

