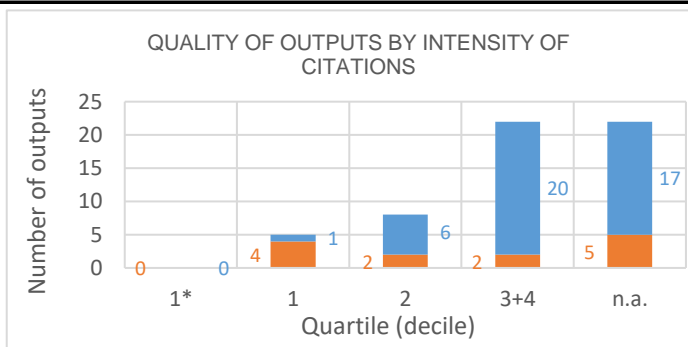
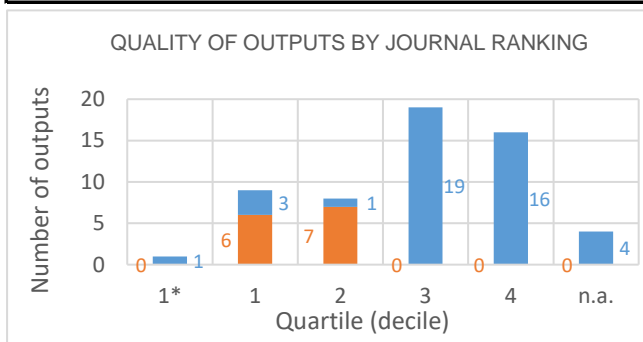


# Evaluation of the Research and Professional Activities of the Institutes of the Czech Academy of Sciences for 2015–2019

## BIBLIOMETRIC PARAMETERS OF ALL OUTPUTS INCLUDING THOSE EVALUATED IN THE PHASE I.

**Institute:** Institute of Rock Structure and Mechanics of the CAS, v. v. i.  
**Team:** Department of Materials Structure and Properties  
**Head:** Jaroslav Kloužek  
**Field:** Materials engineering  
**Total number of outputs:** 57      **Evaluated outputs:** 13



### TYPES OF COLLABORATION

Collaboration	Outputs (evaluated)	Outputs (not evaluated)
A1	3	12
B	1	4
B1	1	9
C	5	7
C1	2	3
D	1	4
D1		
E		
n.a.		
Without affiliation		5
A1+B1+C1+D1	6	24
B+C+D+E	7	15

### FIELD STRUCTURE OF OUTPUTS

Field structure of outputs	Outputs (evaluated)	Outputs (not evaluated)
Materials Science Ceramics	7	20
Materials Science Multidisciplinary	1	20
Chemistry Physical		7
Engineering Chemical	2	2
Physics Applied		4
Physics Condensed Matter		4
Energy Fuels	3	
Environmental Sciences	2	1
Metallurgy Metallurgical Engineering		3
Optics		3
Agronomy		2
Chemistry Analytical	1	1
Nuclear Science Technology		2
Soil Science		2
Thermodynamics	1	1
Construction Building Technology	1	
Electrochemistry		1
Engineering Civil	1	
Engineering Electrical Electronic		1
Engineering Environmental	1	

**Total number of outputs:** outputs of the team published during the evaluated period 2015-2019.

**Evaluated outputs:** selected outputs submitted by the team to the Phase I of evaluation.

**Outputs used for bibliometry:** subset of all outputs registered in the Web of Science; document type: article, review or proceedings paper.

**Quality of outputs by journal ranking:** number of outputs in top decile (1\*) and quartiles (1-4) by AIS of journals; n. a. - outputs in journals without AIS; orange: outputs from the Phase I, blue: the other outputs of the team.

**Quality of outputs by intensity of citations:** number of outputs in the top decile (1\*) and in quartiles (1, 2, 3+4) determined from the list of outputs ordered by the number of citations (downloaded from the Web of Science at the beginning of evaluation) for each subject category, year, and type of output; n. a. – the data are not robust enough for relevant judgement; orange: outputs from the Phase I, blue: the other outputs of the team.

**Types of collaboration:** outputs created exclusively in a particular institute are marked by A1, outputs created within national cooperation by max. 5 organizations are marked by B, outputs created within international cooperation by max. 5 organizations are marked C, outputs created within large collaboration exceeding 5 organizations are marked D, outputs created within large international collaboration are marked E. It is distinguished by marking B1/B, C1/C and D1/D whether the output has/does not have a corresponding author from a particular team.

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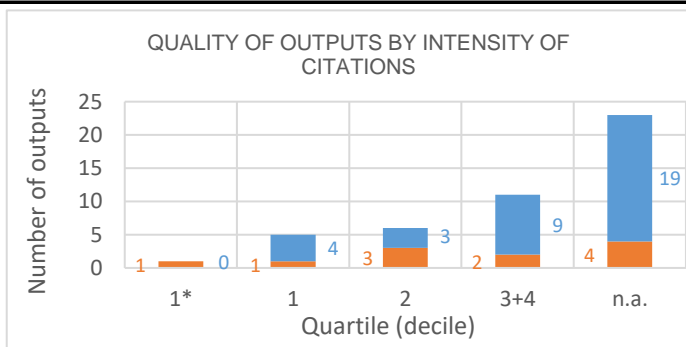
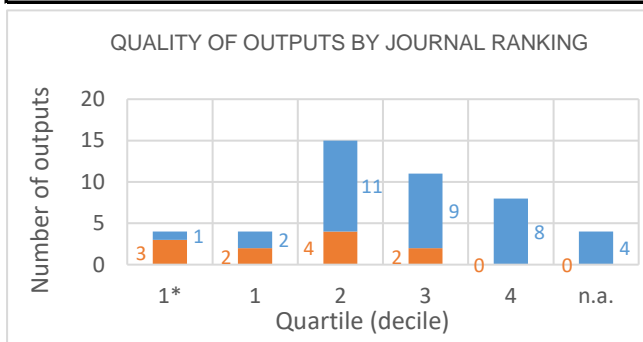
**Detailed explanation of the indicators is provided in the Methodology of evaluation, Annex 2 – Bibliometrics.**

**NOTE:** The significance of bibliometrics in technical sciences is very limited.

# Evaluation of the Research and Professional Activities of the Institutes of the Czech Academy of Sciences for 2015–2019

## BIBLIOMETRIC PARAMETERS OF ALL OUTPUTS INCLUDING THOSE EVALUATED IN THE PHASE I.

**Institute:** Institute of Rock Structure and Mechanics of the CAS, v. v. i.  
**Team:** Department of Composites and Carbon Materials  
**Head:** Tomáš Suchý  
**Field:** Materials engineering  
**Total number of outputs:** 46      **Evaluated outputs:** 11



### TYPES OF COLLABORATION

Collaboration	Outputs (evaluated)	Outputs (not evaluated)
A1	1	3
B	1	11
B1	4	3
C	1	3
C1	1	
D		13
D1	3	1
E		
n.a.		1
Without affiliation		
A1+B1+C1+D1	9	7
B+C+D+E	2	27

### FIELD STRUCTURE OF OUTPUTS

Field structure of outputs	Outputs (evaluated)	Outputs (not evaluated)
Materials Science Ceramics	5	7
Materials Science Biomaterials	1	7
Engineering Biomedical	1	4
Pharmacology Pharmacy	3	2
Materials Science Multidisciplinary		4
Chemistry Multidisciplinary	1	2
Nanoscience Nanotechnology		3
Anatomy Morphology		2
Biochemistry Molecular Biology		2
Biotechnology Applied Microbiology		2
Energy Fuels		2
Engineering Chemical		2
Chemistry Analytical		2
Materials Science Composites	1	1
Polymer Science		2
Biology		1
Construction Building Technology		1
Dentistry Oral Surgery Medicine	1	
Engineering Civil		1
Engineering Manufacturing	1	

**Total number of outputs:** outputs of the team published during the evaluated period 2015-2019.

**Evaluated outputs:** selected outputs submitted by the team to the Phase I of evaluation.

**Outputs used for bibliometry:** subset of all outputs registered in the Web of Science; document type: article, review or proceedings paper.

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**NOTE:** The significance of bibliometrics in technical sciences is very limited.

# Evaluation of the Research and Professional Activities of the Institutes of the Czech Academy of Sciences for 2015–2019

## BIBLIOMETRIC PARAMETERS OF ALL OUTPUTS INCLUDING THOSE EVALUATED IN THE PHASE I.

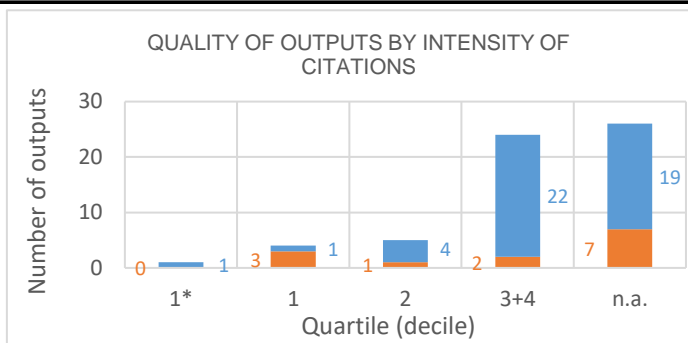
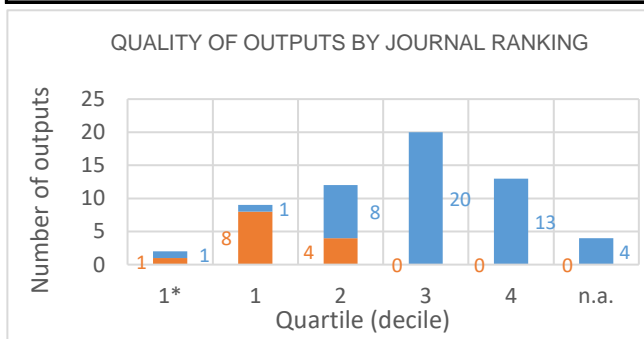
**Institute:** Institute of Rock Structure and Mechanics of the CAS, v. v. i.

**Team:** Department of Geochemistry

**Head:** Martina Havelcová

**Field:** Earth and related environmental sciences

**Total number of outputs:** 60      **Evaluated outputs:** 13



### TYPES OF COLLABORATION

Collaboration	Outputs (evaluated)	Outputs (not evaluated)
A1	2	7
B	4	13
B1	3	11
C	2	3
C1	1	5
D	1	5
D1		
E		
n.a.		2
Without affiliation		1
A1+B1+C1+D1	6	23
B+C+D+E	7	21

### FIELD STRUCTURE OF OUTPUTS

Field structure of outputs	Outputs (evaluated)	Outputs (not evaluated)
Geosciences Multidisciplinary	7	14
Energy Fuels	7	8
Mineralogy	1	9
Environmental Sciences	1	5
Engineering Chemical	2	3
Geochemistry Geophysics		5
Chemistry Analytical		5
Mining Mineral Processing	1	4
Nuclear Science Technology		4
Chemistry Inorganic Nuclear		3
Geology	2	
Chemistry Multidisciplinary	1	1
Chemistry Physical	1	1
Materials Science Ceramics		2
Materials Science Multidisciplinary		2
Paleontology		2
Physics Nuclear		2
Construction Building Technology		1
Engineering Biomedical		1
Engineering Civil		1

**Total number of outputs:** outputs of the team published during the evaluated period 2015-2019.

**Evaluated outputs:** selected outputs submitted by the team to the Phase I of evaluation.

**Outputs used for bibliometry:** subset of all outputs registered in the Web of Science; document type: article, review or proceedings paper.

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# Evaluation of the Research and Professional Activities of the Institutes of the Czech Academy of Sciences for 2015–2019

## BIBLIOMETRIC PARAMETERS OF ALL OUTPUTS INCLUDING THOSE EVALUATED IN THE PHASE I.

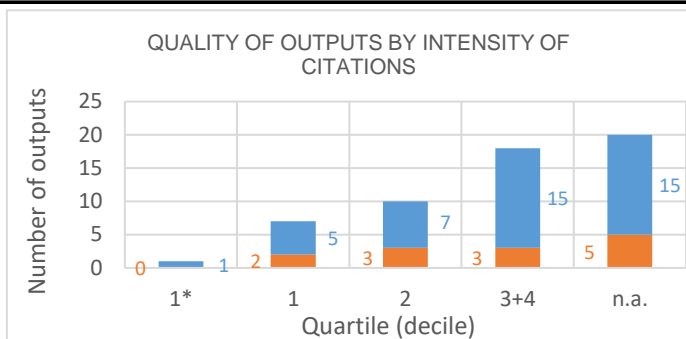
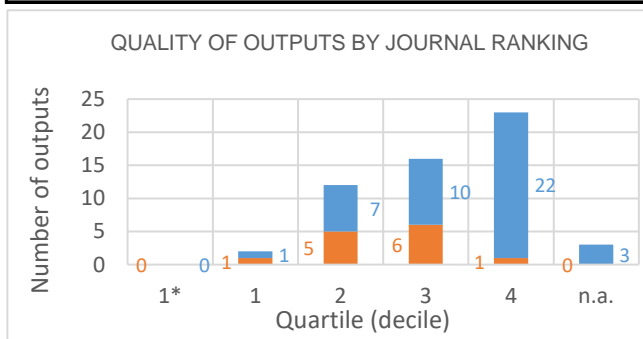
**Institute:** Institute of Rock Structure and Mechanics of the CAS, v. v. i.

**Team:** Department of Seismotectonics

**Head:** Jiří Málek

**Field:** Earth and related environmental sciences

**Total number of outputs:** 56      **Evaluated outputs:** 13



### TYPES OF COLLABORATION

Collaboration	Outputs (evaluated)	Outputs (not evaluated)
A1	1	6
B	3	7
B1	3	5
C		6
C1	6	16
D		3
D1		
E		
n.a.		
Without affiliation		
A1+B1+C1+D1	10	27
B+C+D+E	3	16

### FIELD STRUCTURE OF OUTPUTS

Field structure of outputs	Outputs (evaluated)	Outputs (not evaluated)
Geochemistry Geophysics	10	29
Geosciences Multidisciplinary	2	10
Mining Mineral Processing	1	7
Engineering Geological	1	3
Astronomy Astrophysics	1	1
Engineering Civil		2
Geography Physical		2
Environmental Sciences		1
Materials Science Multidisciplinary		1
Meteorology Atmospheric Sciences		1
Mineralogy		1
Oceanography		1
Physics Multidisciplinary		1

**Total number of outputs:** outputs of the team published during the evaluated period 2015-2019.

**Evaluated outputs:** selected outputs submitted by the team to the Phase I of evaluation.

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**Detailed explanation of the indicators is provided in the Methodology of evaluation, Annex 2 – Bibliometrics.**

# Evaluation of the Research and Professional Activities of the Institutes of the Czech Academy of Sciences for 2015–2019

## BIBLIOMETRIC PARAMETERS OF ALL OUTPUTS INCLUDING THOSE EVALUATED IN THE PHASE I.

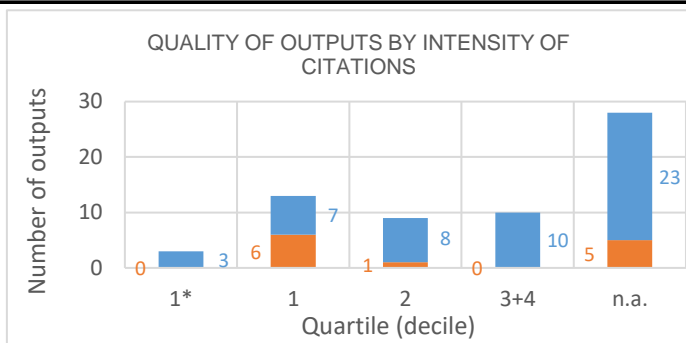
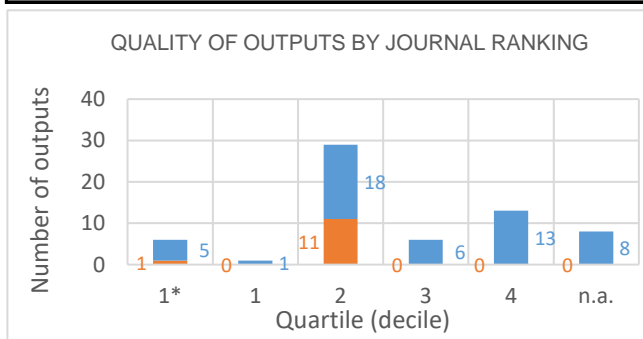
**Institute:** Institute of Rock Structure and Mechanics of the CAS, v. v. i.

**Team:** Department of Engineering Geology

**Head:** Filip Hartvich

**Field:** Earth and related environmental sciences

**Total number of outputs:** 63      **Evaluated outputs:** 12



### TYPES OF COLLABORATION

Collaboration	Outputs (evaluated)	Outputs (not evaluated)
A1	2	1
B	2	11
B1	2	9
C	1	10
C1	4	12
D		5
D1	1	2
E		
n.a.		1
Without affiliation		
A1+B1+C1+D1	9	24
B+C+D+E	3	26

### FIELD STRUCTURE OF OUTPUTS

Field structure of outputs	Outputs (evaluated)	Outputs (not evaluated)
Geosciences Multidisciplinary	9	24
Engineering Geological	4	11
Geography Physical	4	9
Geochemistry Geophysics	2	8
Mining Mineral Processing		5
Engineering Civil		4
Environmental Sciences		4
Materials Science Ceramics		4
Water Resources		4
Geography		3
Instruments Instrumentation		2
Materials Science Multidisciplinary		2
Remote Sensing	1	1
Soil Science		2
Archaeology		1
Art		1
Ecology		1
Engineering Multidisciplinary		1
Geology		1
Chemistry Analytical		1

**Total number of outputs:** outputs of the team published during the evaluated period 2015-2019.

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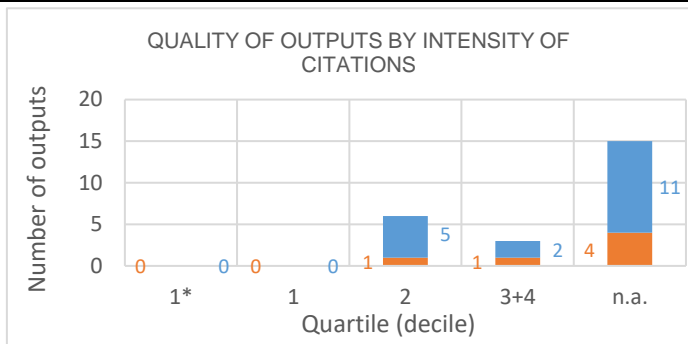
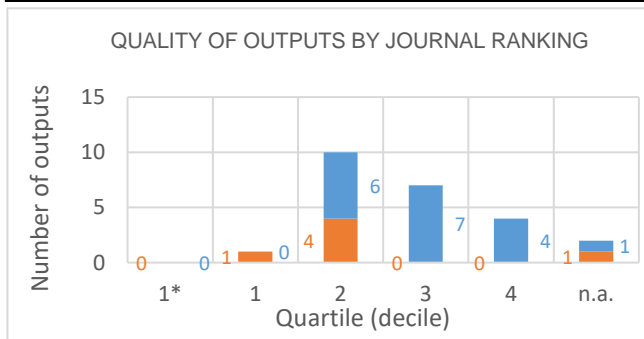
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# Evaluation of the Research and Professional Activities of the Institutes of the Czech Academy of Sciences for 2015–2019

## BIBLIOMETRIC PARAMETERS OF ALL OUTPUTS INCLUDING THOSE EVALUATED IN THE PHASE I.

**Institute:** Institute of Rock Structure and Mechanics of the CAS, v. v. i.  
**Team:** Department of Neotectonics and Thermochronology  
**Head:** Petra Štěpančíková  
**Field:** Earth and related environmental sciences  
**Total number of outputs:** 24      **Evaluated outputs:** 6



### TYPES OF COLLABORATION

Collaboration	Outputs (evaluated)	Outputs (not evaluated)
A1		1
B	1	5
B1	1	2
C	1	3
C1	2	3
D	1	3
D1		
E		
n.a.		1
Without affiliation		
A1+B1+C1+D1	3	6
B+C+D+E	3	11

### FIELD STRUCTURE OF OUTPUTS

Field structure of outputs	Outputs (evaluated)	Outputs (not evaluated)
Geosciences Multidisciplinary	4	9
Geography Physical	5	3
Geochemistry Geophysics	1	6
Engineering Geological		4
Geology		3
Engineering Environmental		1
Mining Mineral Processing		1
n.a.		1

**Total number of outputs:** outputs of the team published during the evaluated period 2015-2019.

**Evaluated outputs:** selected outputs submitted by the team to the Phase I of evaluation.

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