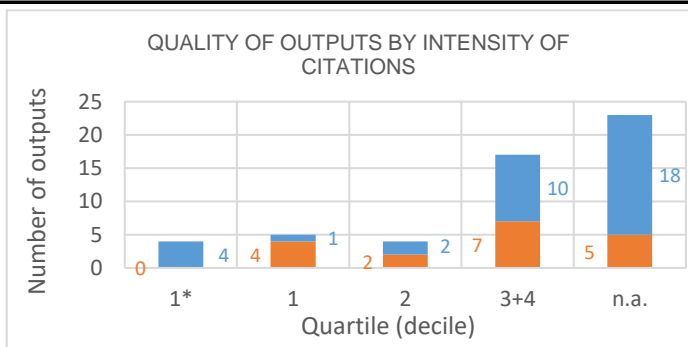
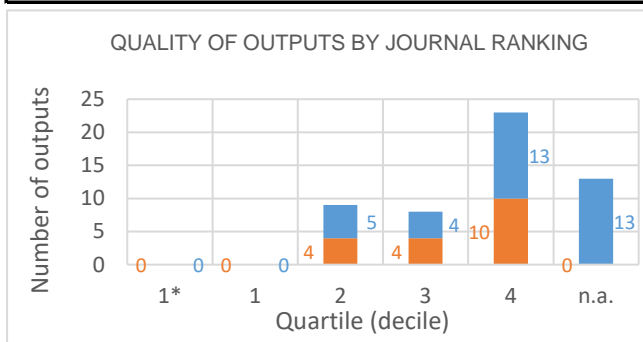


Evaluation of the Research and Professional Activities of the Institutes of the Czech Academy of Sciences for 2015–2019

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

Institute: Institute of Geonics of the CAS, v. v. i.
Team: Laboratory Research on Geomaterials
Head: doc. Ing. Jiří Ščučka, Ph.D.
Field: Environmental engineering
Total number of outputs: 53 **Evaluated outputs:** 18



TYPES OF COLLABORATION

Collaboration	Outputs (evaluated)	Outputs (not evaluated)
A1	3	4
B	4	5
B1	4	4
C	4	8
C1	3	8
D		3
D1		1
E		
n.a.		2
Without affiliation		
A1+B1+C1+D1	10	17
B+C+D+E	8	16

FIELD STRUCTURE OF OUTPUTS

Field structure of outputs	Outputs (evaluated)	Outputs (not evaluated)
Mining Mineral Processing	3	8
Paleontology	2	6
Geosciences Multidisciplinary	2	5
Engineering Manufacturing	2	4
Geology	2	4
Chemistry Physical	5	1
Materials Science Multidisciplinary	2	4
Engineering Geological	2	3
Automation Control Systems	2	1
Engineering Mechanical		3
Engineering Multidisciplinary		3
Geochemistry Geophysics	2	1
Chemistry Analytical	3	
Chemistry Multidisciplinary	1	1
Instruments Instrumentation		2
n.a.		2
Nanoscience Nanotechnology	1	1
Physics Applied	1	1
Physics Atomic Molecular Chemical	2	
Physics Condensed Matter	1	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.

Field structure of outputs: number of outputs of the team in different subject categories (subfields); if the output is assigned to more than one field, the field where the publication performs best (assessed by Quality of outputs by journals ranking) is taken; the table shows up to 20 fields.

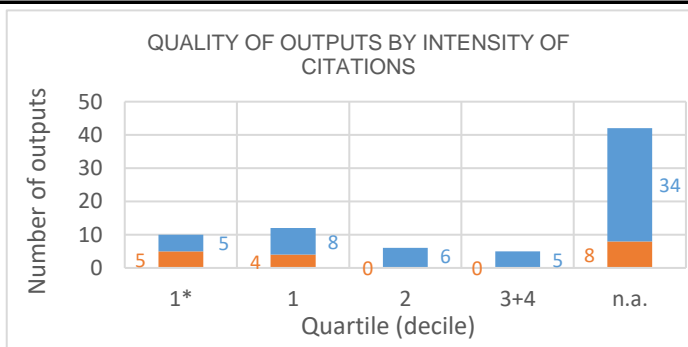
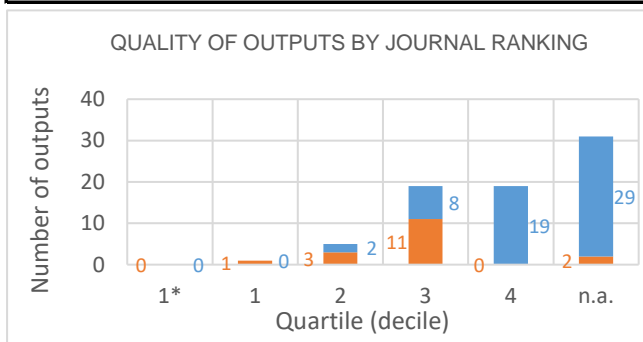
Detailed explanation of the indicators is provided in the Methodology of evaluation, Annex 2 – Bibliometrics.

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 Geonics of the CAS, v. v. i.
Team: Material Disintegration
Head: Sitek Libor
Field: Mechanical engineering
Total number of outputs: 75 **Evaluated outputs:** 17



TYPES OF COLLABORATION

Collaboration	Outputs (evaluated)	Outputs (not evaluated)
A1		6
B		4
B1		5
C	8	26
C1	5	10
D	2	2
D1	1	2
E		
n.a.	1	2
Without affiliation		1
A1+B1+C1+D1	6	23
B+C+D+E	10	32

FIELD STRUCTURE OF OUTPUTS

Field structure of outputs	Outputs (evaluated)	Outputs (not evaluated)
Engineering Manufacturing	8	26
Engineering Multidisciplinary	7	14
Engineering Mechanical	1	19
Instruments Instrumentation	6	4
Automation Control Systems	5	2
Materials Science Multidisciplinary	1	5
n.a.	1	3
Engineering Geological		2
Engineering Industrial		2
Geosciences Multidisciplinary		2
Mining Mineral Processing		2
Thermodynamics		2
Computer Science Information System		1
Geochemistry Geophysics		1
Materials Science Coatings Films		1
Materials Science Composites	1	
Metallurgy Metallurgical Engineering		1
Nanoscience Nanotechnology		1
Physics Applied		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.

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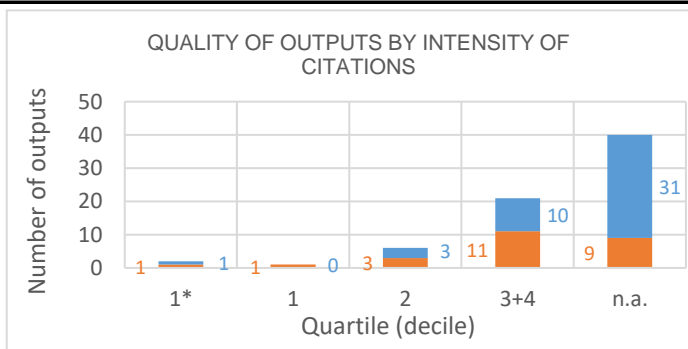
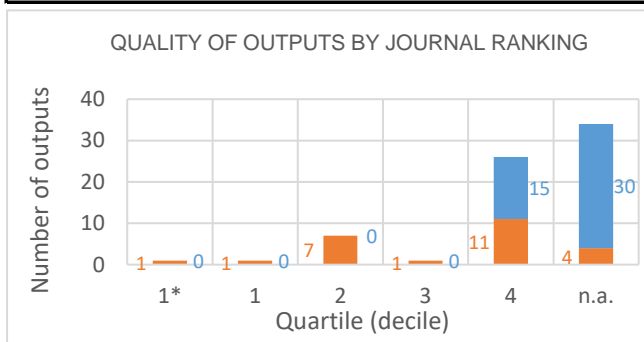
Detailed explanation of the indicators is provided in the Methodology of evaluation, Annex 2 – Bibliometrics.

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 Geonics of the CAS, v. v. i.
Team: Geomechanics and Mining Research
Head: RNDr. Lubomír Staš, CSc.
Field: Environmental engineering
Total number of outputs: 70 **Evaluated outputs:** 25



TYPES OF COLLABORATION

Collaboration	Outputs (evaluated)	Outputs (not evaluated)
A1	10	15
B	1	7
B1	3	8
C	4	3
C1	3	9
D		2
D1		1
E		
n.a.	4	
Without affiliation		
A1+B1+C1+D1	16	33
B+C+D+E	5	12

FIELD STRUCTURE OF OUTPUTS

Field structure of outputs	Outputs (evaluated)	Outputs (not evaluated)
Mining Mineral Processing	7	28
Geosciences Multidisciplinary	11	9
Engineering Geological	10	2
Geochemistry Geophysics	5	6
n.a.	4	
Engineering Manufacturing		3
Engineering Mechanical		3
Environmental Sciences	1	1
Metallurgy Metallurgical Engineering	1	1
Meteorology Atmospheric Sciences		2
Water Resources	1	1
Construction Building Technology	1	
Energy Fuels		1
Engineering Civil	1	
Engineering Environmental		1
Engineering Multidisciplinary		1
Green Sustainable Science Technolo		1
Materials Science Ceramics		1
Materials Science Multidisciplinary		1
Mechanics		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.

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Field structure of outputs: number of outputs of the team in different subject categories (subfields); if the output is assigned to more than one field, the field where the publication performs best (assessed by Quality of outputs by journals ranking) is taken; the table shows up to 20 fields.

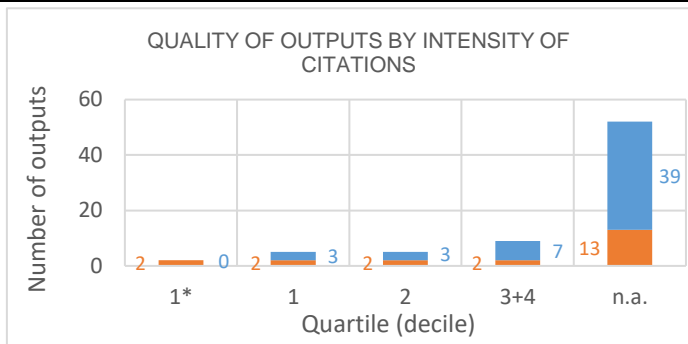
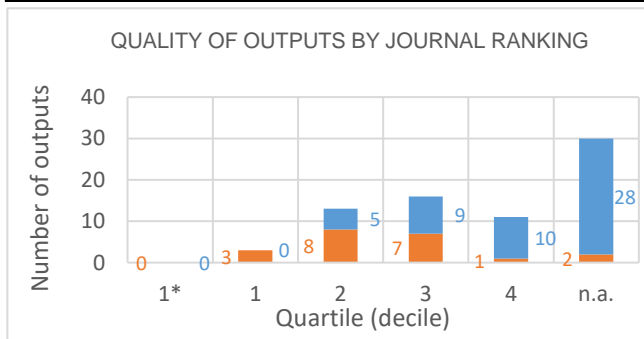
Detailed explanation of the indicators is provided in the Methodology of evaluation, Annex 2 – Bibliometrics.

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 Geonics of the CAS, v. v. i.
Team: Applied Mathematics and Computer Science & IT4Innovations
Head: Prof. Radim Blaheta
Field: Mathematics
Total number of outputs: 73 **Evaluated outputs:** 21



TYPES OF COLLABORATION

Collaboration	Outputs (evaluated)	Outputs (not evaluated)
A1	8	9
B	1	5
B1	1	12
C	2	12
C1	6	4
D	1	4
D1		2
E		
n.a.	2	4
Without affiliation		
A1+B1+C1+D1	15	27
B+C+D+E	4	21

FIELD STRUCTURE OF OUTPUTS

Field structure of outputs	Outputs (evaluated)	Outputs (not evaluated)
Mathematics Applied	17	27
Mathematics	4	4
Physics Applied		8
Computer Science Interdisciplinary A		7
Computer Science Theory Methods		7
Engineering Multidisciplinary		7
Mechanics	3	4
n.a.	2	4
Mathematics Interdisciplinary Applica	1	3
Engineering Electrical Electronic		3
Materials Science Multidisciplinary	1	2
Computer Science Software Engineer	1	1
Engineering Mechanical		2
Environmental Sciences		2
Geosciences Multidisciplinary		2
Water Resources		2
Computer Science Artificial Intelligenc		1
Computer Science Information System		1
Engineering Geological	1	
Geography		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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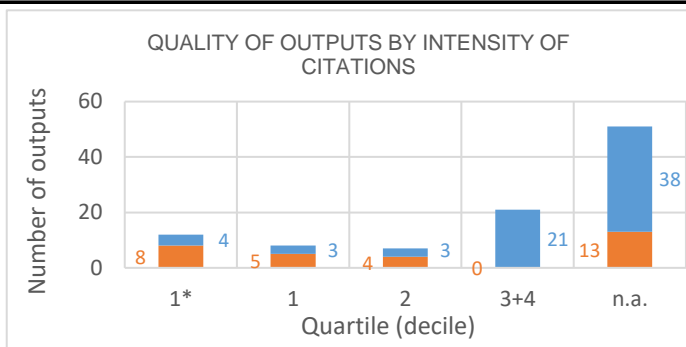
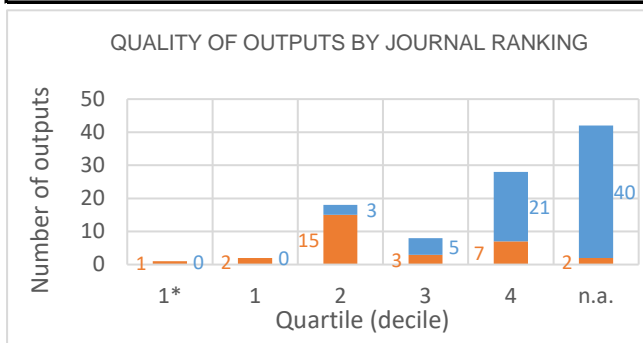
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Evaluation of the Research and Professional Activities of the Institutes of the Czech Academy of Sciences for 2015–2019

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

Institute: Institute of Geonics of the CAS, v. v. i.
Team: Environmental Geography
Head: Petr Klusáček, Ph.D.
Field: Social and economic geography
Total number of outputs: 99 **Evaluated outputs:** 30



TYPES OF COLLABORATION

Collaboration	Outputs (evaluated)	Outputs (not evaluated)
A1	5	15
B	3	21
B1	3	16
C	5	5
C1	4	3
D	6	2
D1	3	3
E		
n.a.	1	3
Without affiliation		1
A1+B1+C1+D1	15	37
B+C+D+E	14	28

FIELD STRUCTURE OF OUTPUTS

Field structure of outputs	Outputs (evaluated)	Outputs (not evaluated)
Geography	6	30
Environmental Studies	11	9
Environmental Sciences	9	4
Geography Physical	1	9
Hospitality Leisure Sport Tourism	1	9
Green Sustainable Science Technolo	6	3
Regional Urban Planning	2	5
Area Studies		5
Energy Fuels	4	1
Geosciences Multidisciplinary	2	3
Ecology	1	3
Economics	3	1
Engineering Environmental	3	
n.a.	1	2
Urban Studies	3	
Geochemistry Geophysics		2
Agricultural Economics Policy		1
Archaeology		1
Automation Control Systems		1
Biology		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 social sciences is very limited.