



F: Criteria for assessing the level of quality of the creative activity outputs for the field of study Ecological and Environmental Sciences at the Faculty of Ecology and Environmental Sciences of the Technical University in Zvolen

R-12180/2021

Database scientific publications related to a branch of science or related field		Field of study: Ecological and Environmental Sciences			
Level/criterium		Author's contribution	Rigour*	Originality	Impact of the output
A+	Top international level in terms of originality, rigour and impact of the creative activity output – the output brings a new agenda within the relevant creative activity or makes fundamental contribution to the development of the relevant creative activity in a global context	First or corresponding author or a significant author's contribution of 10 % or more, if the proportion is lower, then it must be a journal of above the 90 percentiles in a certain category in the year of publication	Q1, Q2, Q3 (in Q3 only if IF is more than 1)	At least one of the following criteria is met: new empirical findings and/or new material; a new and/or complex research problem; innovative research methods, methodologies and/or analytical techniques; imaginative and creative options for solutions; new arguments and/or new forms of expression, formal innovations, interpretations and information; new types of data with which they work and/or develop theoretical knowledge or analysis of doctrines, politics or practice and new forms of expression	Citations published in Web of Science without self-citations, and at least 1 citation per year and not required from the publications that were released in the last two years
A	Significant international level in terms of originality, rigour and impact of the creative activity output – the output contributes significantly to the development of relevant creative activity in the wider international context	Coauthoring	Q1, Q2, Q3 (in Q3 only if IF is less than 1)		Citations published in Web of Science without self-citations, and not required from the publications that were released in the last two years
A-	Internationally recognised level in terms of originality, rigour and impact of the creative activity output – the output represents a certain contribution to the development of the relevant creative activity in an international context	Coauthoring	Q4		Citations published in Web of Science without self-citations and not required from the publications that were released in the last two years
B	Nationally recognised level in terms of originality, rigour and impact of the creative activity output – the output represents a certain contribution to the development of the relevant creative activity in a national context	Coauthoring	Web of Science and Scopus		Citations published in Web of Science and Scopus without self-citations and not required from the publications that were released in the last two years
C	Level below the standard of nationally recognised quality	Coauthoring	Scientific output in a peer-reviewed journal		Citations without self-citations and not required from the publications that were released in the last two years

* Quartile (Q) of scientific journals indexed in the Web of Science database

Scientific monograph or university textbook, chapter in a scientific monograph or university textbook related to a field of science or related field		Field of study: Ecological and Environmental Sciences			
Level/criterion		Author's contribution	Rigour	Originality	Impact of the output
A+	Top international level in terms of originality, rigour and impact of the creative activity output – the output brings a new agenda within the relevant creative activity or makes fundamental contribution to the development of the relevant creative activity in a global context	First author or significant author's contribution of 10% and more	Monograph or university textbook or chapters in monographs or university textbooks published in internationally renowned publishing houses	At least one of the following criteria is met: new empirical findings and/or new material; a new and/or complex research problem; innovative research methods, methodologies and/or analytical techniques; imaginative and creative options for solutions; new arguments and/or new forms of expression, formal innovations, interpretations and information; new types of data with which they work and/or develop theoretical knowledge or analysis of doctrines, politics or practice and new forms of expression	Citations published in Web of Science without self-citations and at least 1 citation per year and not required from the publications that were published in the last two years
A	Significant international level in terms of originality, rigour and impact of the creative activity output – the output contributes significantly to the development of relevant creative activity in the wider international context	Coauthoring	Monograph or university textbook or chapters in monographs or university textbooks published in internationally renowned publishing houses		Citations published in Web of Science without self-citations and not required from the publications published in the last two years
A-	Internationally recognised level in terms of originality, rigour and impact of the creative activity output – the output represents a certain contribution to the development of the relevant creative activity in an international context	Coauthoring	Monograph or university textbook or chapters in monographs or university textbooks published in foreign publishing houses		Citations published in Web of Science without self-citations and not required from the publications published in the last two years
B	Nationally recognised level in terms of originality, rigour and impact of the creative activity output – the output represents a certain contribution to the development of the relevant creative activity in a national context	Coauthoring	Scientific monograph or university textbook or chapters in a scientific monograph or university textbook published in domestic publishing houses		Citations published in Web of Science and Scopus without self-citations and not required from the publications published in the last two years
C	Level below the standard of nationally recognised quality	Coauthoring	Other monographs and university textbooks		Citations without self-citations and not required from the publications published in the last two years

Industrial property rights related to the scientific field or related field		Field of study: Ecological and Environmental Sciences			
Level/criterion		Author's contribution	Rigour	Originality	Impact of the output
A	Top international level in terms of originality, rigour and impact of the creative activity output – the output brings a new agenda within the relevant creative activity or makes fundamental contribution to the development of the relevant creative activity in a global context	First author or significant author's contribution of 10% and more	International patent	At least one of the following criteria is met: new empirical findings and/or new material; a new and/or complex research problem; innovative research methods, methodologies and/or analytical techniques; imaginative and creative options for solutions; new arguments and/or new forms of expression, formal innovations, interpretations and information; new types of data with which they work and/or develop theoretical knowledge or analysis of doctrines, politics or practice and new forms of expression	Implemented in practice or citations published in Web of Science without self-citations and at least 1 citation per year and not required from the publications published in the last two years
A	Significant international level in terms of originality, rigour and impact of the creative activity output – the output contributes significantly to the development of relevant creative activity in the wider international context	Coauthoring	International patent		Implemented in practice or citations published in Web of Science without self-citations and at least 1 citation per year and not required from the publications published in the last two years
A-	Internationally recognised level in terms of originality, rigour and impact of the creative activity output – the output represents a certain contribution to the development of the relevant creative activity in an international context	Coauthoring	National patent, design		Implemented in practice or citations published in Web of Science without self-citations and at least 1 citation per year and not required from the publications published in the last two years
B	Nationally recognised level in terms of originality, rigour and impact of the creative activity output – the output represents a certain contribution to the development of the relevant creative activity in a national context	Coauthoring	Utility model		Implemented in practice or citations published in Web of Science and Scopus without self-citations and at least 1 citation per year and not required from the publications published in the last two years
C	Level below the standard of nationally recognised quality	Coauthoring	Other rights of industrial property		Implemented in practice or citations without self-citations and not required from the publications published in the last two years

The criteria for assessing the level of quality of the creative activity outputs for the field of study Ecological and Environmental Sciences at the Faculty of Ecology and Environmental Sciences of the Technical University in Zvolen were discussed by the Scientific Board of the Faculty of Ecology and Environmental Sciences on 14th October 2021 and approved by the Scientific Board of the Technical University in Zvolen on 14th December 2021.

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