ISSN 2409-9066 (Print)
ISSN 2413-4996 (Online)

S&I

SCIENCE & INNOVATION

UKRAINIAN REVIEV JOURNAL OF FUTURE

I (91)

Volume 16

FOUNDER
National Academy of Sciences of Ukraine
54, Volodymyrska St., Kyiv 30, 01601

PUBLISHER
Akademperiodyka Publishing House
4, Tereschenkivska St., Kyiv, 01004

Certificate of State Registration of Printed Mass Media series КВ 20704-10504ПР of 18.04.14

English version of the journal Science and Innovation (ISSN 2409-9066) is included into the scientometric database of the Web of Science and Scopus

The Journal is included in the list of academic periodicals qualified for publishing the principal results of thesis research in technical, physics and mathematics, and economical fields

Address of the Editor's Office
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Passed for printing on 25.03.2020.
Format 84 × 108/16. Typeface Petersburg.
Conventional printed sheets 10.71.
Physical printed sheets 11.75.
Circulation 110 copies. Order no. 5920.

Publisher and manufacturer
Akademperiodyka Publishing House
4, Tereschenkivska St., Kyiv, 01004

Certificate of entry to the State Register of Publishing Agents series ДК no. 544 of 27.07.2001

NATIONAL ACADEMY OF SCIENCES OF UKRAINE

SCIENCE & INNOVATION

UKRAINIAN REVIEW JOURNAL OF FUTURE

S&I

2020 1 (91) Vol. 16

ACADEMIC AND RESEARCH JOURNAL
PUBLISHED 6 TIMES PER YEAR
FOUNDED IN MARCH 2005
KYIV

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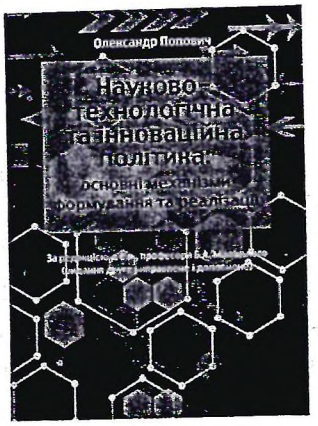
INFORMATION SECTION

REVIEW
Oleksandr POPOVYCH, R&D and Innovation Policy: Key Mechanisms for the Formation and Implementation (ed. by Dr.sc.oec, Prof. B.A. Malitskyi)

Dobrov Institute for Scientific and Technological Potential and Science History Studies, Pro Format, LLC, 2019. — 342 p.



The second edition of the monograph *R&D and Innovation Policy: Key Mechanisms for the Formation and Implementation* by Oleksandr Popovych, (ed. by Dr.sc.oec, Prof. B.A. Malitskyi) has come out, since the first edition published by the Phoenix publishing house, in 2006, got a widespread popularity among researchers and managers and, today, has become a rare bibliographic object. The second edition is an essential revision in order to take into consideration the events and changes that have taken place in Ukraine and in the world over the last decade.

In particular, having analyzed the recent evolution of Ukrainian legislation that governs R&D, innovation, and public administration in this field, the author makes a conclusion on the inconsistency of the legislative and executive power in the formulation and implementation of policies for the development of science and innovative economic reform. Undoubtedly, the inconsistency and underestimation of the importance of science for the future of the country and for the preservation and strengthening of its independence have caused the unprecedented loss of scientific potential and, as a consequence, hindered the innovative development of Ukraine. The author has convincingly shown that the general tendencies in this sphere in Ukraine are actually opposite to the worldwide ones.

The second edition has been amended with new section "R&D Potential as an Object and Subject of Government Policy". Using the method of endogenous forecast of the evolution of human resources in science (proposed and developed by Popovych), it has been shown that the Ukrainian science has reached a critical state that creates a danger to the national security, and in order to stop its further degradation "some strengthening of government support" is no longer sufficient. Instead, it is necessary to take extraordinary, systematic, and consistent measures on behalf of the government state and the society. In general, the monograph is characterized by deep analysis, scientific validity, and constructivism of conclusions and proposals.

R&D and Innovation Policy: Key Mechanisms for the Formation and Implementation monograph by Oleksandr Popovych is an eagerly sought research that makes a significant contribution to the development of science and innovation processes. It is highly recommended for a wide range of experts and politicians involved in the development and implementation of urgent measures for the modernization of the government R&D and innovation policy that requires serious transformations.

First Vice President of the National Academy of Pedagogic Science of Ukraine,
Doctor of Pedagogic Science, Professor,
Full member of the APSU

V.I. LUHOVYI

The book is publicly available in the Scientific Electronic Library of the Vernadsky National Library of Ukraine http://www.irbis-nbuv.gov.ua

ISSN 2409-9066. Sci. innov. 2020. 16(1)