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University Entrepreneurship Ecosystems: Global Experiences and Local
Realities

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Activities I have been involved in entrepreneurship from 2010 - 2024

International
Entrepreneurship
Congresses **2006-2019**



Study visit
May-June 2021



Fulbright Visiting Scholar
2023-2024



Publishing papers
2019-



E-Lab
Students Entrepreneurship
Community **2022-**



The "Third Mission of Universities"

refers to the role that universities play beyond their core functions of education and research, to their capacity to adopt and foster entrepreneurship

Entrepreneurial University (EPU)

An EPU= more than education + research

Innovation and Research Focus

Industry Collaboration

Curriculum Integration

Support for Startups

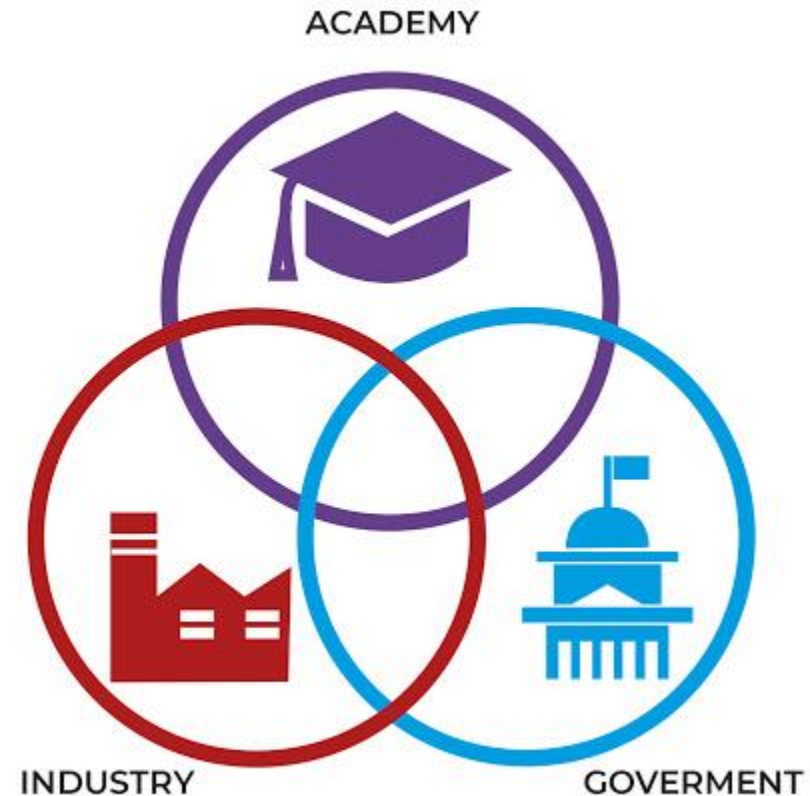
Active Alumni Network

Commercialization of Research

University Entrepreneurship Ecosystems

University entrepreneurship ecosystems refer to the various elements and stakeholders within and around a university that foster entrepreneurial activity and innovation

- Incubators and Accelerators
- Funding Opportunities
- Networking Events
- Mentorship Programs
- Research and Development
- Business Courses and Curriculum
- Technology Transfer Offices
- Community Engagement
- Student Organizations
- Innovation Spaces





FLORIDA ATLANTIC UNIVERSITY

- ❑ Adam Center for Entrepreneurship
- ❑ Phil Smith Center for Free Enterprise
- ❑ FAU Wave
- ❑ Tech Runway
- ❑ Research Park at Florida Atlantic University

ENTREPRENEURSHIP ECOSYSTEM AT FAU

Florida Atlantic University's quest to become the nation's fastest-improving public research university includes pursuing excellence within every college with a spirit of **unbridled ambition**®.

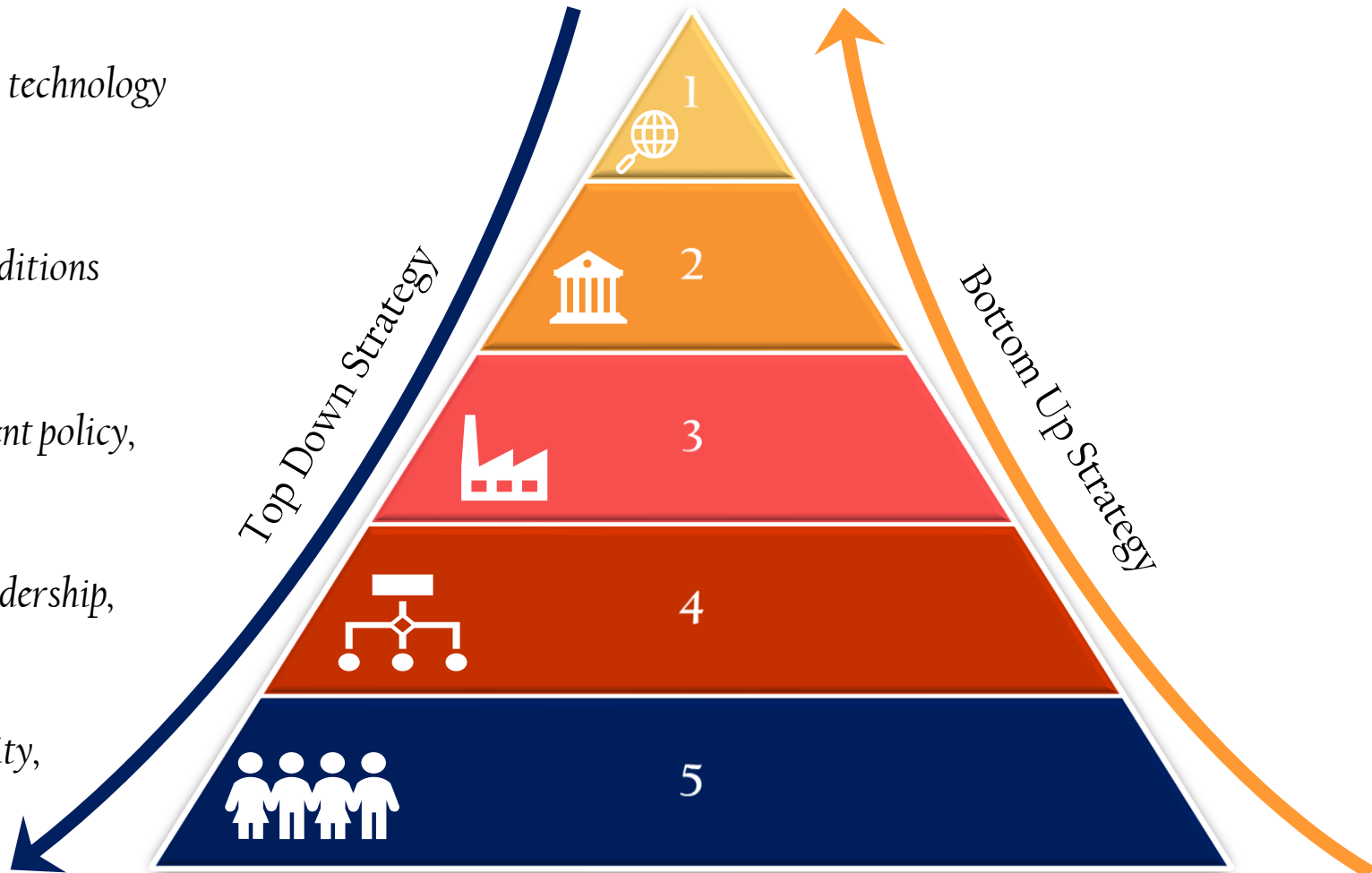
Entrepreneurship, one of the key platforms in Florida Atlantic's strategic plan, is also a natural focus for South Florida—identified as one of the top places to start a business (*Forbes, Inc., WalletHub, Biz2Credit*).

FAU's Entrepreneurship Ecosystem provides the education, nurture, and opportunity to complement the continued explosion of start-up activity in our community.

FAU Entrepreneurship | 3

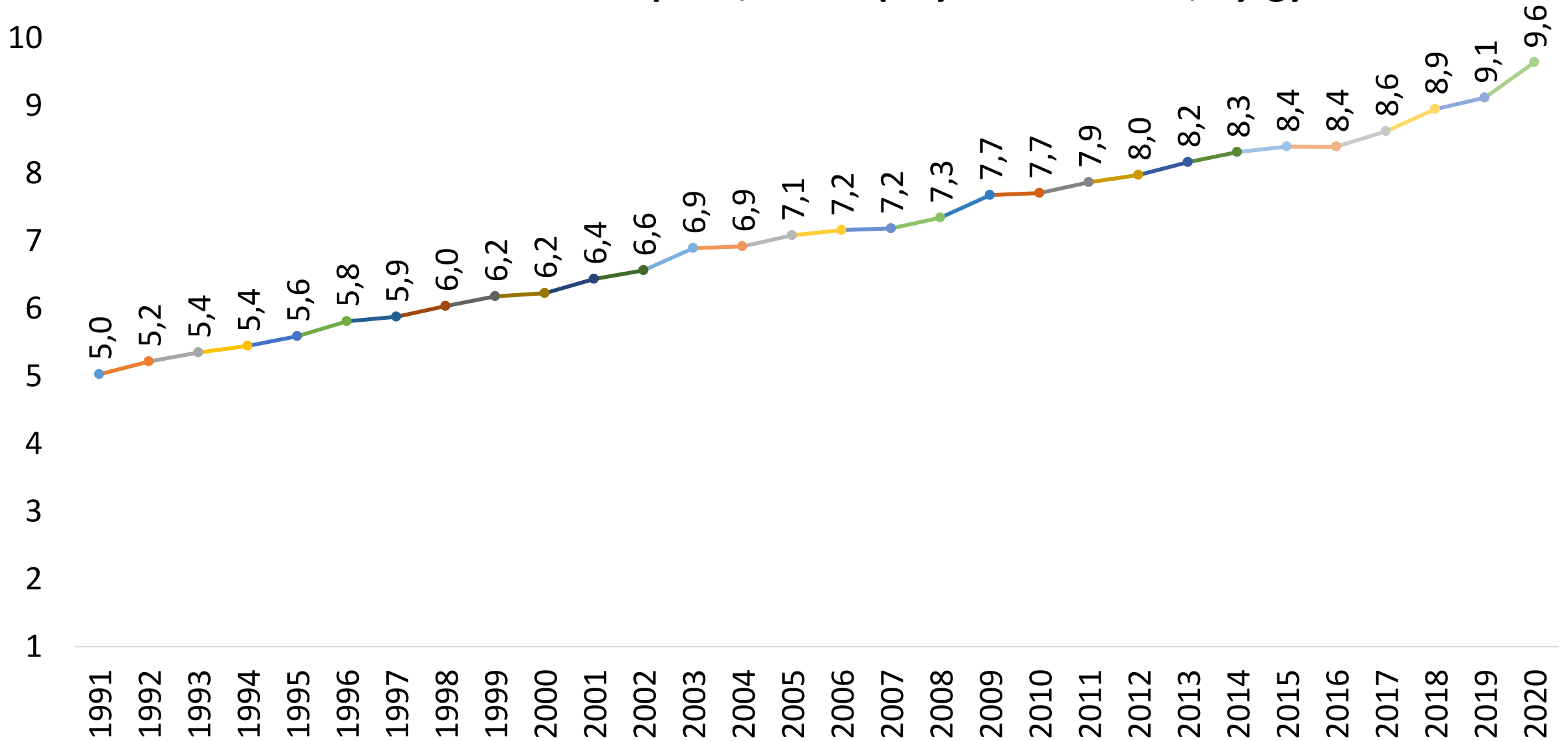
Transformation Model

- 1 Makro Level: *political, economic, socio-cultural. technology*
- 2 Country Level: *socio-cultural and economic conditions*
- 3 Industry Level: *legislative framework, government policy, competition*
- 4 Institutional Level: *Mission, strategic goals, leadership, organizational culture, organizational structure*
- 5 Individual Level: *Awareness, intention, propensity, involvement. motivation*



Higher education landscape in Kyrgyzstan

The number of researchers per 1,000 employed individuals, Kyrgyzstan



Kyrgyzstan is an untouched lab

The topics of entrepreneurship still need to be investigated in academic studies in the case of Kyrgyzstan

WOS INDEXED PAPERS ENTREPRENEURSHIP

TS=(ENTREPRENEURSHIP) 58,425

<input type="checkbox"/>	BENIN	21
<input type="checkbox"/>	URUGUAY	19
<input type="checkbox"/>	NAMIBIA	18
<input type="checkbox"/>	COTE IVOIRE	17
<input type="checkbox"/>	BELARUS	16
<input type="checkbox"/>	SENEGAL	16
<input type="checkbox"/>	YEMEN	15
<input type="checkbox"/>	ZAMBIA	15
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<input type="checkbox"/>	BURKINA FASO	13
<input type="checkbox"/>	ARMENIA	12
<input type="checkbox"/>	KYRGYZSTAN	12
<input type="checkbox"/>	RWANDA	12

Published papers

162 *Int. J. Knowledge-Based Development, Vol. 14, No. 2, 2024*

A transition pathway proposal based on the development context for entrepreneurial university transformation

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Abstract: In a knowledge economy era, universities have been significant in their knowledge generation role. To provide this role, universities transform themselves by improving their research infrastructure, creating an entrepreneurial ecosystem, and educating students with an applied perspective. There are many review studies on entrepreneurial universities in literature but they are lacking in proposing a transition pathway for higher education institutions in different national development contexts. Therefore, in this study, we aim to explore the cognitive background of entrepreneurial university (EPU) concepts and, based on our findings, propose a transition pathway for higher education institutions by considering different national development

Sosyoekonomi

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RESEARCH
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Perception towards Drivers of Entrepreneurship: A Cross-cultural Study on the University Students from Kyrgyzstan, Bhutan & Taiwan¹

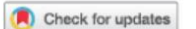
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Exploring the impact of university support on students' entrepreneurial intentions: evidence from Kyrgyzstan

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ABSTRACT

Whether university support is meaningful in increasing students' entrepreneurial intentions (EI) remains largely under-investigated, especially in the context of Central Asian countries. In this study, we attempted to

ARTICLE HISTORY

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KEYWORDS

In progress

Mapping Scientific Research Output at the National Level: A Study of Post-Soviet Kyrgyzstan

Abstract

Despite the wide range of literature examining the scientific productivity of various nations, there has been a dearth of research specifically focused on post-Soviet countries. In this context, this study evaluates the scientific production output of Kyrgyzstan on the international level for the period of independence. The study utilized a bibliometric approach by analyzing all types of publications and all fields, including natural sciences, social sciences, and humanities, indexed in the Web of Science and Scopus databases for the period of 1991 – 2023. The results of the study reveal a gradual increase in the scientific outcome of Kyrgyzstan until 2012, followed by a rapid and significant increase. This increase can be attributed to factors like adopting international academic standards and new education laws, allowing PhD programs with publication requirements in the Web of Science and Scopus indexed journals. Majority of the publications are in medicine and science, with notable outlets including E3S Web of Conferences and the European Respiratory Journal. Collaboration trends show that Kyrgyz scientists mainly collaborate with researchers from Russia, Turkiye, USA, Germany, Kazakhstan, and other countries. From a theoretical perspective, this study recommends further exploration of this topic by examining publications in local outlets and assessing the dissemination and commercialization of scientific outputs as the subsequent phase. From a public policy standpoint, this study suggests that the government should complete the necessary reforms, particularly within the national system for training and certification of scientific staff.

Keywords: Scientific production output, national scientific policy, bibliometric analysis, publications, Kyrgyzstan.

Entrepreneurial Orientation and Academic Entrepreneurial Propensity in Kyrgyzstan: Managerial and Public Policy Implications

Abstract

This study explores EO and AEP in a new context: the country of Kyrgyzstan. The population in this study was composed of scholars in Kyrgyzstan. Primary data was collected using a structured questionnaire among 471 university scholars from 23 distinct academic institutions across the country. The study found that scholars' AEP is influenced by universities' EO, and also varies based on key external factors such as culture, government policies, and demographic elements including gender and academic field. To our knowledge, this is the first empirical study directly evaluating EO of universities and AEP of scholars in Kyrgyzstan. A deeper understanding of EO and AEP in the context of Kyrgyzstan may be considered unique due to the diverse political and

Strategizing AI Integration in Entrepreneurial Universities: An MCDM Approach to Evaluating Opportunities and Challenges

Abstract

This study investigates the transformative impact of Artificial Intelligence (AI) on entrepreneurial universities, identifying key opportunities and challenges that AI presents in this unique context. We adopt a Multi-Criteria Decision Making (MCDM) approach to systematically evaluate and rank these factors based on their strategic impact, innovation potential, operational efficiency, implementation feasibility, scalability, stakeholder acceptance, and ethical considerations. Utilizing methods such as TOPSIS and VIKOR, we aim to discern the most viable pathways for integrating AI into university ecosystems, enhancing both educational and entrepreneurial outcomes. Our findings are expected to offer actionable insights for university policymakers and administrators, facilitating informed decision-making to harness AI's potential effectively while mitigating associated risks. This study not only contributes to the academic discourse on AI in higher education but also provides a practical framework for advancing entrepreneurial initiatives within universities in the AI era.

Keywords: Entrepreneurial university, future of EPU, experts' opinion.

Some significant results from our academic studies

Timespan	1991:2024
Sources (Journals, Books, etc.)	2622.0
Documents	6751.0
Document Average Age	7.0
Average citations per doc	29.2
References	193248.0
Single-authored docs	849.0
Co-Authors per Doc	16.6
International co-authorships %	16.1
Article	4388.0
Others (book, book chapter, note etc)	2363.0

Table: Key Data Information

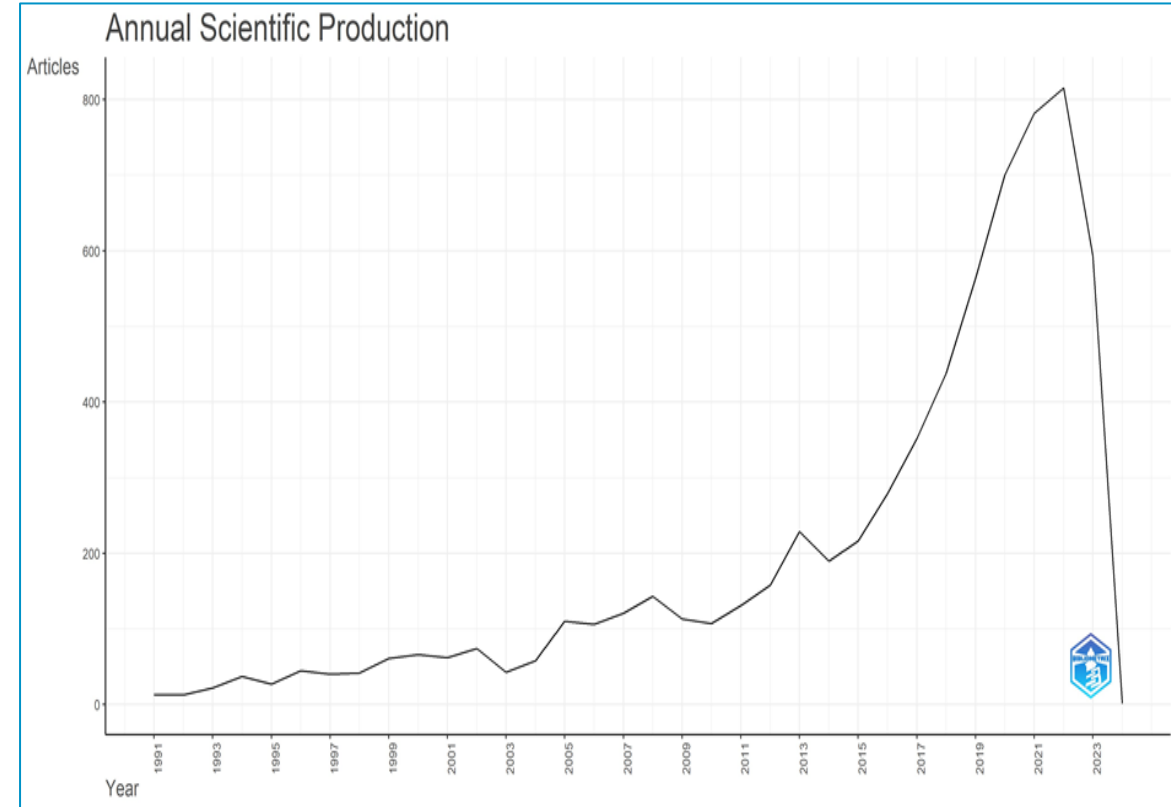


Figure: Annual Number of Publications

Source: Maksudunov. A. & Ganiev. J. (2024). Mapping Scientific Research Output at the National Level: A Study of Post-Soviet Kyrgyzstan. Author's Original Manuscript

Some significant results from our academic studies

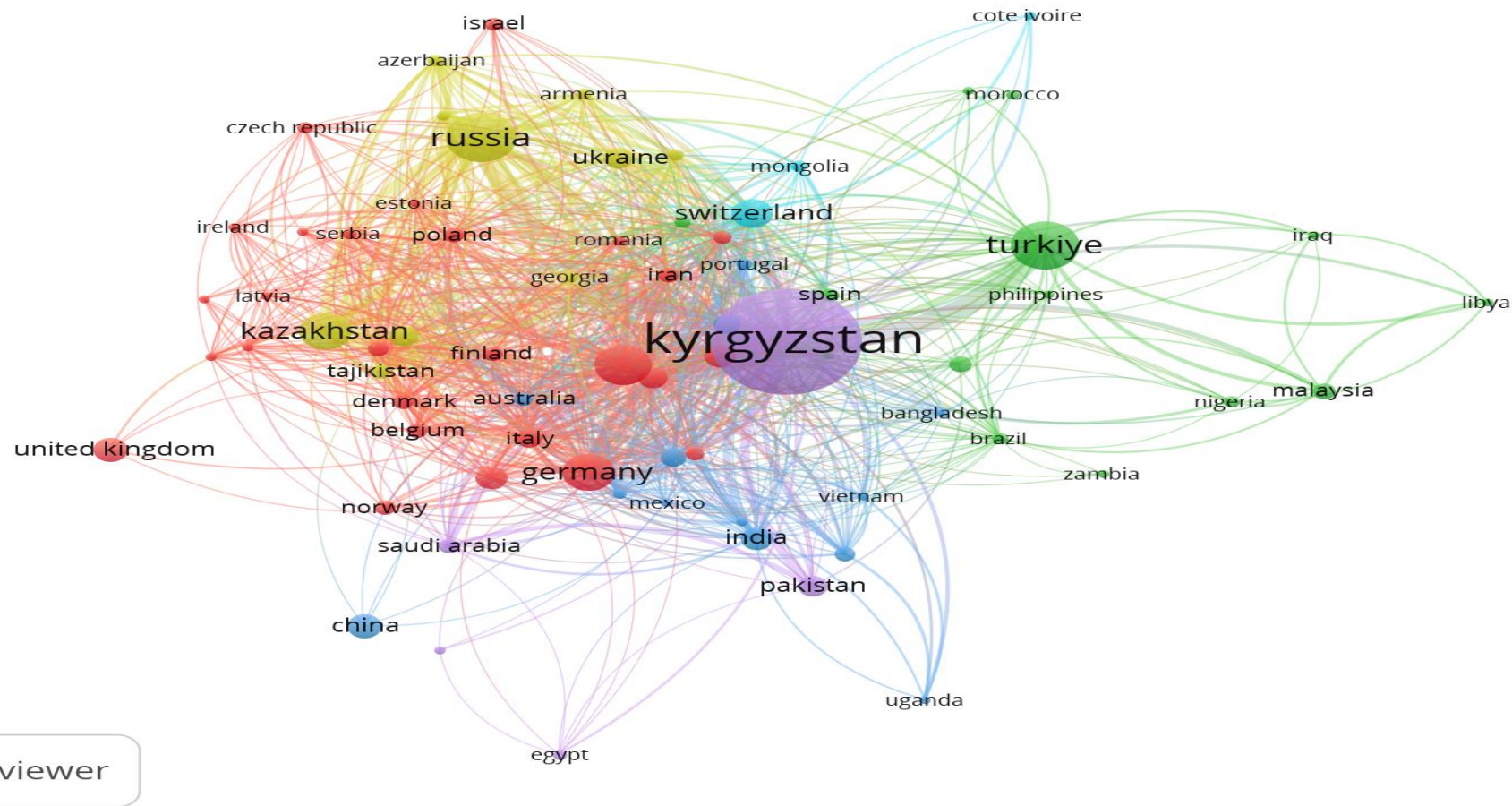


Figure: Co-authorship by Countries

Source: Maksudunov. A. & Ganiev. J. (2024). Mapping Scientific Research Output at the National Level: A Study of Post-Soviet Kyrgyzstan. Author's Original Manuscript

23:41



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- Рейтинговые журналы
- Оформляем договор
- Доступна оплата частями

НАС РЕКОМЕНДУЮТ ВЕДУЩИЕ ВУЗЫ

LEARN MORE

Challenges

- ❖ Lack of Infrastructure and Resources
- ❖ Cultural and Institutional Resistance
- ❖ Limited Entrepreneurial Ecosystem
- ❖ Economic and Social Factors
- ❖ Education and Research

23:44



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1-глава. Жалпы жоболор

1-берене. Ушул Мыйзамдын жөнгө салуу предмети

Ушул Мыйзам Кыргыз Республикасында технологиялык парктарды (мындан ары - технопарк) түзүүгө, алардын иштөөсүнө жана ишин токтотууга байланыштуу келип чыгуучу коомдук мамилелерди жөнгө салат жана инновациялык өнүктүрүүнү камсыз кылуу максатында аларды мамлекеттик колдоонун укуктук негизин аныктайт.

2-берене. Технопарктын түзүмү жана анын иштөөсү жөнүндөгү мамлекеттик саясаттын максаты

РОЛЬ ТЕХНОЛОГИЙ И АНАЛИТИКИ В ПРЕДПРИНИМАТЕЛЬСТВЕ

Уэсли Уоршавер
Старший аналитик по
бизнес-операциям в
компании Lam Research
(Сан-Франциско, США)



 ЧЕТВЕРГ
26 ОКТЯБРЯ

 ВРЕМЯ
09:00




GCEC EXPERIENCE ON BUILDING ENTREPRENEURSHIP CENTER ALLIANCES: CHALLENGES AND PROSPECTS

Holly DeArmond

*Executive Director, Global
Consortium of
Entrepreneurship Centers
(GCEC)*



HOST ORGANIZATION: KYRGYZPATENT

 THURSDAY
FEBRUARY 22

 20:00
(UTC+06:00)



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Azamat Maksudunov, PhD

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Faculty of Economics & Management, Kyrgyz-Turkish
Manas University, Bishkek / Kyrgyz Republic



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