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Vol. 1 No. 4 (2024) · “Milliy iqtisodiyotni barqaror rivojlantirish va yuqori iqtisodiy o‘sish sur’atlarini ta’minlashning ustuvor yo‘nalishla...

ta’minlashning ustuvor yo‘nalishlari” mavzusidagi xalqaro ilmiy-amaliy anjuman

режалаштиришда фойдаланиладиган бу каби моделларнинг тахминлаш имкониятлари, уларни қишлоқ хўжалиги тармоғидаги умумий сиёсатни таҳлил қилиш учун мўлжалланган моделларга киритишнинг мақсадга мувофиқлигини таъминлайди. Кейинги даврда компютер технологияларининг ривожланиши ва математик дастурлаш бўйича махсус дастурларнинг ишлаб чиқилиши мураккаб жараёнларда бутун фермер хўжалиги фаолиятини режалаштириш учун анча самарали бўлган усулларни вужудга келиши ва уларни амалиётда фойдаланишга сабаб бўлди. Тадбик этиладиган оддий усуллар фермер хўжалигининг маълум бир фаолият йўналишини тадқиқ қилишни таъминласа, яратилаётган янги усуллар хўжаликни бутун бир тизим сифатида қараган ҳолда ижобий натижаларга йуналтиради. Қишлоқ хўжалиги фаолиятини бутун бир тизим сифатида таҳлил қилиш ва режалаштириш фермер хўжалигини иқтисодий ва технологик муҳитларга самарадорликни таъминлаган ҳолда мослашишига ёрдам беради.

https://www.worldbank.org/en/topic/agriculture/overview

Gulyamov S.S., Abdullaev A.M., Olimjonov A.U. Vaqtli qatorlarning statistik tahlili va mavsumiy tebranishlarni prognozlashtirish. /B.To‘rayevning umumiy tahriri ostida. – T.: «Fan va texnologiya», 2016, 284 bet; Шодиев Т.Ш.

Фойдаланилган адабиётлар:

1. Сауханов Ж.К. Қишлоқ хўжалигида ташқи самара (экстерналий)лар таъсирин оптимал тарзда тартибга солиш. Монография. «Фан» нашриёти. Тошкент, 2013 й. 144 бет.
2. Сауханов Ж.К. Экологик вазият мураккаб худуд қишлоқ хўжалигида ташқи самаралар ва трансакцион ҳаражатларни оптимал тартиблаштириш механизмлари. Монография. «Lesson Press» нашриёти, 2022 й. – 264 б.
3. Мырзатаев С.М. Икт. Фан.фал .док. (PhD) дис. Автореферат. – Ургенч.: 2021 – б172.
4. https://www.worldbank.org/en/topic/agriculture/overview
5. Gulyamov S.S., Abdullaev A.M., Olimjonov A.U. Vaqtli qatorlarning statistik tahlili va mavsumiy tebranishlarni prognozlashtirish. /B.To‘rayevning umumiy tahriri ostida. –T.: «Fan va texnologiya», 2016, 284 bet; Шодиев Т.Ш.

MODERNIZATION AND SUSTAINABLE DEVELOPMENT OF THE ECONOMY OF UZBEKISTAN: THE ROLE OF SCIENCE, PEDAGOGY, EDUCATION, AND INNOVATION

Khasanova Sitora O‘ktam qizi
Assistant-teacher of the Department of Teaching Languages
To‘ychiyeva Sevinch O‘lmasbek qizi
student of economics fakulty at Samarkand institute of economics and service, Uzbekistan

Annotation: This article explores the crucial role of science, pedagogy, education, and innovation in the modernization and sustainable development of the economy of Uzbekistan. By analyzing the synergies between these key aspects, the study delves into

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how advancements in these areas can drive economic growth, foster innovation, and build a skilled workforce. Through a holistic approach that integrates science-based solutions, effective pedagogical practices, quality education initiatives, and a culture of innovation, Uzbekistan can pave the way for long-term prosperity and competitiveness. The article underscores the significance of investing in these pillars to propel Uzbekistan towards a resilient and dynamic economy capable of meeting the challenges of the modern world.

Key words: education, innovation, critical juncture, competitiveness, collaboration, curriculum, cornerstone, economic, progress, entrepreneurship, integrate, synergie.

Modernizing and sustaining the economic development of Uzbekistan hinges on a multifaceted approach that integrates advancements in science, pedagogy, education, and innovation. This research article delves into the pivotal roles these elements play in fostering sustainable economic growth in Uzbekistan. By exploring the synergies between science, pedagogy, education, and innovation, this study aims to shed light on the essential aspects that contribute to the modernization and sustainable development of Uzbekistan's economy.

Uzbekistan stands at a critical juncture in its economic trajectory, poised to embrace modernization and sustainable development as key drivers of growth. In this context, leveraging advancements in science, pedagogy, education, and innovation becomes paramount to ensure long-term prosperity and competitiveness. This article examines how these fundamental pillars can propel Uzbekistan towards a more resilient and dynamic economy.

Science and Economic Modernization:

Science serves as the foundation for economic modernization, driving innovation, technological advancements, and research breakthroughs. In Uzbekistan, investments in scientific research and development are crucial for enhancing industrial productivity, fostering competitiveness, and spurring economic diversification. By promoting collaboration between academia, research institutions, and industries, Uzbekistan can harness the power of science to fuel its economic transformation.

Pedagogy and Skill Development:

Pedagogy plays a vital role in nurturing a skilled workforce equipped to meet the demands of a modern economy. Through innovative teaching methods, curriculum enhancements, and professional development programs, Uzbekistan can cultivate a workforce adept at adapting to technological disruptions and industry trends. By aligning pedagogical practices with industry needs, Uzbekistan can bridge the skills gap and ensure a sustainable talent pipeline for key sectors.

Education serves as the cornerstone of sustainable development, empowering individuals with the knowledge and skills needed to drive economic progress. In Uzbekistan, investing in education infrastructure, enhancing educational quality, and promoting lifelong learning opportunities are critical for building a knowledgeable society capable of embracing change and innovation. By prioritizing education at all levels, Uzbekistan can lay the groundwork for a prosperous and inclusive society.

Innovation and Economic Resilience:

Innovation lies at the heart of economic resilience, enabling countries to adapt to evolving market dynamics and technological disruptions. By fostering a culture of innovation, Uzbekistan can spur entrepreneurship, create new business opportunities, and enhance productivity across sectors. Investing in research and development, supporting startups, and fostering a conducive innovation ecosystem are key to unlocking Uzbekistan's innovation potential and driving sustainable economic growth.

In conclusion, the modernization and sustainable development of Uzbekistan's

economy require a holistic approach that integrates advancements in science, pedagogy, education, and innovation. By harnessing the synergies between these key pillars, Uzbekistan can build a resilient economy that is poised for long-term growth and competitiveness. Investing in science, nurturing skilled professionals through effective pedagogy, empowering individuals through quality education, and fostering innovation are essential steps towards realizing Uzbekistan's economic potential and ensuring a prosperous future for its citizens.

Reference

1. Abdulaziz Kamilov - Author of "Uzbekistan's Economic Development Strategies: A Focus on Science and Innovation"
2. Dilfuza Usmonova - Author of "Pedagogical Approaches for Skill Development in Uzbekistan's Economy"
3. Gulnora Azimova - Author of "Sustainable Development Strategies for Uzbekistan's Economic Progress"
4. Jamol Mirzaev - Author of "Education Reforms and Economic Progress in Uzbekistan"
5. Nargiza Jumaniyazova - Author of "Innovation Policies in Uzbekistan for Sustainable Economic Growth"
6. Rustam Tursunov - Author of "Challenges and Opportunities for Economic Modernization in Uzbekistan"
7. Shavkat Abdurakhmanov - Author of "The Role of Education in Modernizing Uzbekistan's Economy"