



## An Innovation Searching for Boosting GDP Increase with China Top Cities & Africa Top Nations GDP comparison and Auto Maker & Brands on Scientist Publishing Papers at Journal Sustainably

Run Xu<sup>1</sup>, Wanhai Wu<sup>2</sup>, Guanghui Yu<sup>3</sup>

<sup>1</sup>Gyeongsang National University, School of Nano New Materials Engineering, Jinju-Si 52828, Gyeongsanganm-Do, South Korea

<sup>2,3</sup>Yantai Institute of Technology, Economics and Management Dept., Yantai 264005, Shandong Province, China

\*Corresponding Author: Run Xu

DOI: <https://doi.org/10.5281/zenodo.18502250>

Article History	Abstract
Original Research Article	
Received: 15-01-2026	
Accepted: 04-02-2026	
Published: 06-02-2026	
Copyright © 2026 The Author(s): This is an open-access article distributed under the terms of the Creative Commons Attribution 4.0 International License (CC BY-NC) which permits unrestricted use, distribution, and reproduction in any medium for non-commercial use provided the original author and source are credited.	<p><i>The education course will affect the futural industries development on the views of affording more competitive talent like scientist who would be completing his expertise drill in university for the sake of acquiring good job after he graduates from university. With meeting the futural industries development they need to be educated the high-tech knowledge so that he will utilize the relevant one to proceed his research and development work independently and collaboratively. Thereby he need to communicate with others fluently and skillfully or he will meet the autism that affects him to complete the task smoothly. Our teacher can find that fact and help him to conquer the difficulty for the declining sacrifice early so that he may continue to graduate from university and enter society and find good job for him to burden a new task in R &amp; D department dedicated to the society responsibility. So that our society can make the continual development from easy to difficult and from zero to 1,000 attained a complicate situation and create the new-high-tech product continuously with artificial intelligence algorism under big-language modal environment. Therefore, we need more qualified scientist to participate the innovation product research and development sustainably for the sake of commonly progressing our new products to be exhibit in market like cafe &amp; restaurant to move the coffee &amp; cuisine conveniently. We can only order the cuisine through touching small ordering screen to choose what to need, so simple. Thereby the comfortable service will be provided by that artificial intelligence moving robot according to the demand of customers. If they can speak simple greet language it is so good with language model to assemble it for paying attention to their coming. So that there is so much robot etc. innovation product exhibition to make our life level step a higher hierarchical structure. We also join the robot making work and invent more their equipment to be convenient to others through our continually research work. We should aware we are to experience a new era working with robot, so we should also learn it and make some advice for improving their enhancement property. At the end the high-technology product like robot etc innovative ones will change the life mode ultimately that may be beneficial to improve the GDP value in some degree. Thereby we should continuously study and search for its futural widely usefulness with our scientist talents together who will put-in the commanding order into chip for it that will change the world through lately exhibiting robot heat. On the other side, the computer skill and technology will help to develop the live convenience and comfortability with plugging chip etc. integrated circuit designed through editing the computer language's function.</i></p>
<b>Citation:</b> Run Xu, Wanhai Wu, & Guanghui Yu. (2026). An Innovation Searching for Boosting GDP Increase with China Top Cities & Africa Top Nations GDP comparison and Auto Maker & Brands on Scientist Publishing Papers at Journal Sustainably. <i>UKR Journal of Economics, Business and Management (UKRJEBM)</i> , 2(2), 21-25.	<b>Keywords:</b> boosting GDP value increase; China auto maker & brands; China top cities & Africa top nations; innovation research; sustainably; publish papers

## 1. Introduction

The GDP which indicates national economic status has provided an important role in every aspect in the world. So that the population increasing rate would be maintained for the sake of raising high-technique product with the entire industrial chain constantly which might enhance our new-quality-productivity. Hence we should consider the effective factors for example the population quantity, new quality productivity with high-technique etc. like big plane electric vehicle battery AI robot quantum computer medicine making disease diagnosis AI(*artificial intelligence*) ocean source space exploration nuclear generator etc. other ones. Low population is enable to offer high life &quality with improving GDP per capita value. Meanwhile, it can enhance the national whole GDP value and help us to boost the economic recovery and many things to do. So the certain population is about to improve our national confidence some degree and make us to become priority one as early as possible even the super-country to lead the world to leadership right.

In contrast, the GDP increasing rate may play a significant role with regulating population increasing rate mutually and cooperatively. Hence the two aspects may be emphasized and paid attention to in thriving the whole national economic developed degree through enough wielding our generations positively and efficiently by our government institution endeavor and evaluation. For the sake of making relevant policies and allocating capital into the necessary industries the corresponding strategic plan needs to be made under various background and entities. Then the according monitor and estimation will be followed and estimated periodically and frequently by the observer in government's institution. At last as to the developed speed in one nation the corresponding population increasing quantity and high-technique product producing will be discussed and considered more preciously and correctly according to the near past years experience and variation.

Therefore, the high-technique products will be completed through wielding our scientist &senior Engineers coordination tightly for the sake of reviving the industrial and tertiary modernization. We should constantly look for and seek the new quality productivity sustainably so as to take place of our traditional industry becoming modernity. An innovation industry like new energy electric generator will be in front of our path forwards, so that the corresponding tactic must be put up and seek the opportunity and fortune in order to burden our responsibility quickly and not to forget recommend the fitting one to appoint new occupation. Like the Bole identified horse or Maosui self-recommended the recommendation will be represent one aspect for our human resource department to consider and evaluate the recommended included a full research room with a set of computer high-technique instrument &device, subordinate, subsidiary staff, salary, house, welfare etc. a series of work so as to appoint his new occupation reasonably and willingly. [1~18]

## 2. Discussions

For the sake of welcoming the demand we should educate a lot of scientist and experts candidates from university department to college &institution one to take the high scholar degree for them to grasp one foreign language and skill to apply to futural requirement and practice. In university, the class with taking more practice education and experience and good teacher proceed the more competition teaching and theoretical and practical combination class to prepare for using after their graduate from college. [19~22]

### 2.1 China top ten cities &Africa top ten nations GDP comparison

The China top ten cities &Africa top ten nations GDP would show 700~375 billion dollars by Beijing~Suzhou cities accordingly indicated the Beijing city strong economy entity in light of Figure 1 in 2024. The y-y value attained 2%~2.3% by them recorded the modest growth speed.

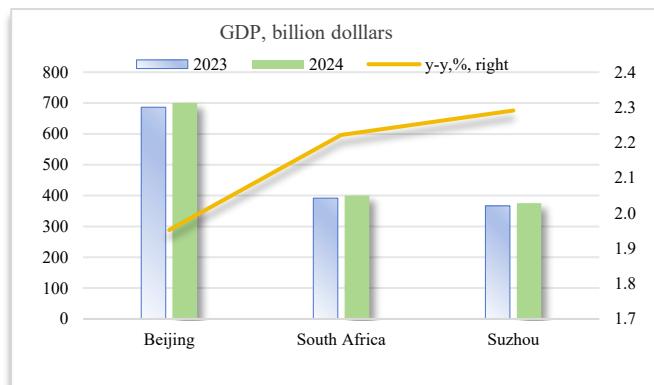


Figure 1 The China top ten cities &Africa top ten nations GDP comparison [1]

Moreover, the China top ten cities &Africa top ten nations GDP would show 360~115 billion dollars by Egypt~Kenya accordingly indicated the Egyptian strong economy entity in 2024 in terms of Figure 2. The y-y value attained -3.5%~2.5% by them recorded the slower growth speed.

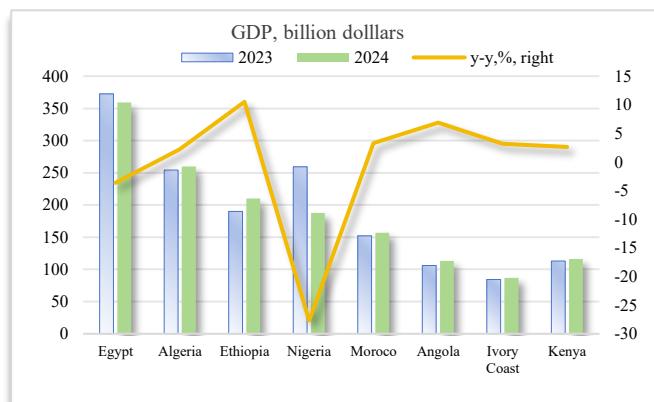


Figure 2 The Africa top ten nations GDP comparison [1]

Moreover, the China top ten cities &Africa top ten nations GDP would show 525~280 billion dollars by Beijing~Suzhou cities accordingly indicated their stronger economy entity in Figure 3 in light of 2019. The y-y value

attained 15%~8% by them recorded the faster growth speed. In contrast, the Egypt maintained the fastest 34% whilst the South Africa remained its slowest minus value with -14% growth speed then.

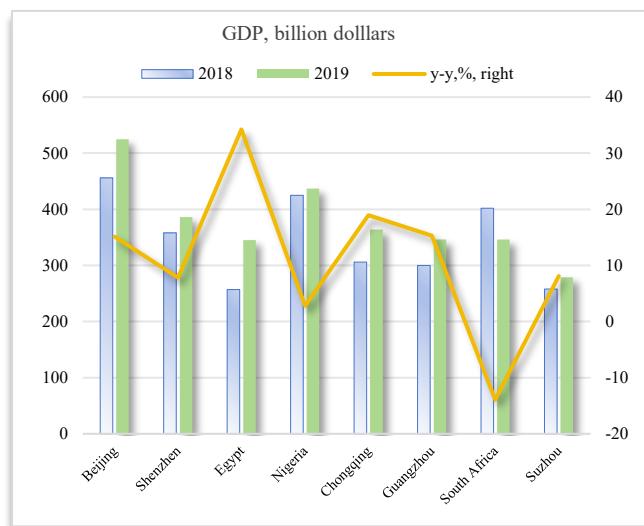


Figure 3 The Africa top ten nations GDP comparison in 2018~2019. [1]

Meanwhile, the China top ten cities & Africa top ten nations GDP would show 698~277 billion dollars by Shanghai~Hangzhou cities accordingly indicated the Beijing city strong economy entity in 2022 in light of Figure 4. The y-y value attained 10%~18% by them recorded the fastest growth speed.

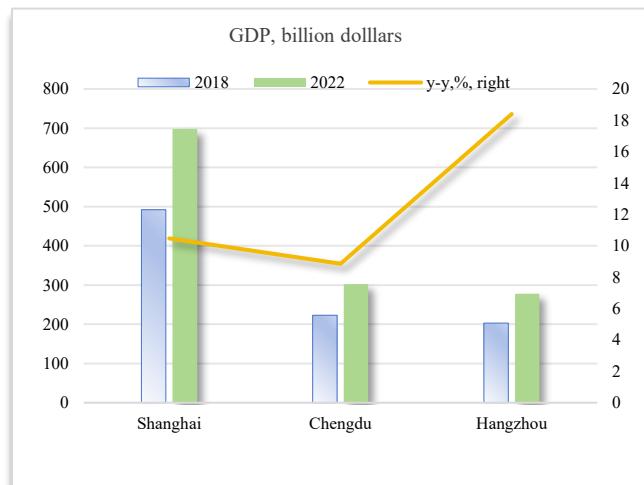


Figure 4 The China top cities GDP comparison in 2018~2022. [1]

Meantime, the China top ten cities & Africa top ten nations GDP in 1982~1986 would show 4.4~41 billion dollars by Beijing~Egypt accordingly indicated the Egypt strong economy entity in 1986 light of Figure 5. The y-y value attained 17%~9% by them recorded the faster growth speed. On the contrary, the Shenzhen city remained the lowest 0.65 Billion dollars with the fastest growth speed 71%.

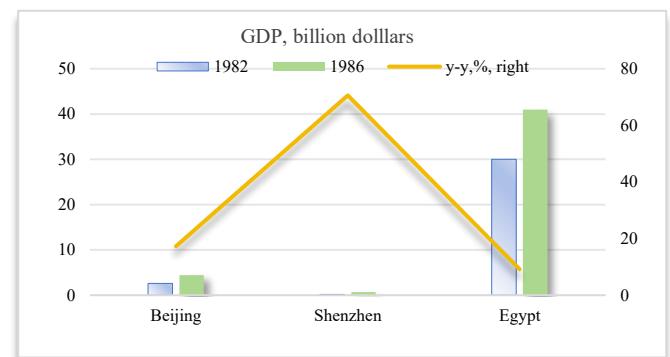


Figure 5 The China top cities & Egypt GDP comparison in 1982~1986. [1]

## 2.2 China some automative brands

The China some automative brands showed four makers like BYD, Equation, Yangwan & Denza with detail brands as shown in Table 1. Moreover, the BYD has 12 brands with most and the Equation Leopard & Yangwang have 3 brands only whilst the Denza had four ones.

Table 1 The China famous automotive brand. [2]

BYD		Equation Leopard	Yangwang	Denza
Seal	Han	3	U7	N7
Sea lion	Tang	5	U8	N8
Seagull	Qin	8	U9	N9
Frigate	Song			Z9
Destroyer	Yuan			Z9
Doplins				GT
E2				

## 2.2 Subject for the International Journal of Arts and Social Science

It has ISSN: 2581-7922 and editor@ijassjournal.com. The submission open for February 2026 Issue with Volume 09 Issue 02 (February 2026). As to the Professor & Researchers, The International Journal of Arts and Social Science (IJASS) is an international journal which aims at meeting all the needs of diverse sections of people in the areas of Humanities and Social Studies. The International Journal of Arts and Social Science (IJASS) is a journal that publishes articles which contribute new novel experimentation and theoretical work in all areas of Humanities and Social Science and its applications. The journal welcomes publications of high quality papers on theoretical developments and practical humanities and social science. professor and researcher can send your paper to: editor@ijassjournal.com. We request you to submit your papers on or before February 05, 2026. Paper Submission Deadline February 05, 2026. Moreover, the IJASS aims to cover the latest outstanding developments in the field of engineering and computer science but not limited to the following branches, Anthropology, Art, Communication studies, Corporate governance, Criminology, Cross-cultural Studies, Demography, Development studies, Economics,

Education, English Literature, Ethics, Geography, History, Human Right Law, Human Rights, Human Factor, Industrial Relations, Information Science, Law, Linguistics, Library Science, Media Studies, Methodology, Philosophy, Political Science, Population Studies, Psychology, Public administration, Sociology, Social Welfare, Translation Studies, Women Studies. If you have any query or suggestion feel free contact us to editor@ijassjournal.com. [2] Hereby, we would hope to submit your cherish ones to us on time for the sake of publishing them quickly after passing through simple reviews process. We are going to issue them in on-line web site timely with cheapest price.

Summarily, the enhancing GDP factors will include the high-technique products and its whole industrial chains and high-intelligence product that may influence the service business mostly. So we should increase those high-profit &high-tech skill for making more advance products so as to improve our service business level and quality &effectiveness at all. So that we should maintain and develop the tertiary industry continuously under controlling the second one. With the life quality enhancing continually the service one is about to wield its effectiveness presently and in futural long time, thereby we should follow up the changed situation and own independent capacity to master one outstanding skill to satisfy the futural request in advance.

### 3. Conclusions

The education course will affect the futural industries development on the views of affording more competitive talent like scientist who would be completing his expertise drill in university for the sake of acquiring good job after he graduates from university. With meeting the futural industries development they need to be educated the high-tech knowledge so that he will utilize the relevant one to proceed his research and development work independently and collaboratively. Thereby he need to communicate with others fluently and skillfully or he will meet the autism that affects him to complete the task smoothly. Our teacher can find that fact and help him to conquer the difficulty for the declining sacrifice early so that he may continue to graduate from university and enter society and find good job for him to burden a new task in R &D department dedicated to the society responsibility. So that our society can make the continual development from easy to difficulty and from zero to 1,000 attained a complicate situation and create the new-high-tech product continuously with artificial intelligence algorithm under big-language modal environment. Therefore, we need more qualified scientist to participate the innovation product research and development sustainably for the sake of commonly progressing our new products to be exhibit in market like cafe &restaurant to move the coffee &cuisine conveniently.

We can only order the cuisine through touching small ordering screen to choose what to need, so simple. Thereby the comfortable service will be provided by that artificial intelligence moving robot according to the demand of customers. If they can speak simple greet language it is so good with language model to assemble it for paying attention to their coming. So that there is so much robot etc. innovation product exhibition to make our life level step a higher hierarchical structure. We also join the robot making work and invent more their equipment to be convenient to others through our continually research work. We should aware we are to experience a new era working with robot, so we should also learn it and make some advice for improving their enhancement property. At the end the high-technology product like robot etc innovative ones will change the life mode ultimately that may be beneficial to improve the GDP value in some degree. Thereby we should continuously study and search for its futural widely usefulness with our scientist talents together who will put in the commanding order into chip for it that will change the world through lately exhibiting robot heat. On the other side, the computer skill and technology will help to develop the live convenience and comfortability with plugging chip etc. integrated circuit designed through editing the computer language's function.

### Funding

This work was supported by the Korean Science &Engineering Fund(KSEF) under the granted No. 96-0300-11-01-03 with the Specified Basis Research program.

### Ethic Declarations

The authors declared that there were not conflicts of interest.

### References

1. China top ten cities &Africa ten nations GDP, Feb., 1, 2026
2. 2025 China auto makers' market value change, Feb. 3, 2026
3. E-Mail, Feb. 1, 2026
4. Run Xu, Zhiqing Chen, The Study on Simulation of Resistance in Stall Motor [J], Journal of Electronic & Information Systems, 2020, April 02 (1):18~20, DOI:[http://doi.org/10.30564/jei\\_s.v2i1.2045](http://doi.org/10.30564/jei_s.v2i1.2045)  
Google Scholar, CrossRef, Scilit,Cnki
5. Run Xu, An Innovation Searching for Prospering Economy GDP Enhancement with Osaka &Shanghai and Hong Kong Cities & Shandong and Fujian Provinces on Scientists' Analysizing Behavior and Judgement by Sustainability, UKR Journal of Economics, Business and Management, Volume 1,

6. Run Xu, An Innovation Searching for Prospering Financial Reformation e.g. ETF and Economy GDP Enhancement with Indian Cities & Shandong and Fujian Provinces on Scientists' Analysizing Behavior and Judgement by Sustainability, UKR Journal of Economics, Business and Management, Volume 1, Issue 10, 2025, 308~313

7. Run Xu, An Innovation Searching for Prospering Financial Reformation e.g. ETF and Economy GDP Enhancement with G20 Group etc. on Scientists' Behavior and Judgement with Sustainability, UKR Journal of Economics, Business and Management, Volume 1, Issue 10, 2025, 184~188 **Impact factor 4.33**

8. Run Xu, Sugun Lim, Discussions to African Development of Technology and Innovation in its Industry, Scholars International Journal of Chemistry and Material Sciences, 2021, 4 (11):314~317

9. Run Xu, Sugun Lim, Younwook Kim, African Mechanism Involving in Transgenic product & Hydrogen Fuel in its Industry, Cross Current International Journal of Economics, Management and Media Studies, 2022, 4(1): 1~4

10. Run Xu, Convergence Proving of the Theoretical & True Elongation Inequalities by Derivation and Analogy[J], Journal of Metallic Material Research, 2020, April 3(1): 15~19, DOI:<https://doi.org/10.30564/jmmr.v3i1.1757> Scopus, Google Scholar, CrossRef, Cnki

11. Run Xu, An Innovation Searching for Prospering Financial Reformation e.g. ETF and Economy GDP Enhancement with Hubei & Hunan Provinces on Scientists' Published Behavior and Judgement by Sustainability, UKR Journal of Economics, Business and Management, Volume 1, Issue 10, 2025, 204~208 **Impact factor 4.33**

12. Run Xu, The Relationship of Properties with Variable Mass of Block on Crank Linkage Mechanism in Multibody System, (**American**) SunText Review of Material Science, 2021, S1: 105 Crossref, Goolge scholar **Impact factor 2.6**

13. Run Xu, Boyong Hur, A Simulation between Torque and Angle with Speed on Five Freedoms of Robot Mechanical Arm in Multibody Systems, Saudi Journal of Civil Engineering, 2021, 5(5): 91~93 **Impact factor 1.2**

14. Run Xu, Boyong Hur, The Relationship between Force and Time with Lagrange Equation by Regulating Piston Mass on Crankshaft of Vehicle, Saudi Journal of Engineering and Technology, 2021, 6(4): 73-76 **Impact factor 1.2**

15. Run Xu, Jiaguang Liu, The Kinematics Model Establishment of Crank and Linkage with Time under Low Speed in Vehicle, 2021, 6(4):67~72, Saudi Journal of Engineering and Technology, 2021, 6(4): 57~61, DOI: 10.36348/sjet,2021,v06i04,004 **Impact factor 1.2**

16. Run Xu, The Kinematic Models of Crank with Angle and Time in Motor Housing Process, (**American**) SunText Review of Material Science, 2021, S1: 104, DOI: <https://doi.org/10.51737/2766-5100,2021,S1,004> Impact factor 2.6, Scilit, Crossref, Google Scholar

17. Run Xu, The Modelling between Force & Torque and Crank Angle on Crank Linkage of Engine in Vehicle by Lagrange Formula I, Scholars International Journal of Chemistry and Material Sciences, 2021, 4(4): 36-39, DOI: 10.36348/sijcms,2021,v04i04,005

18. Run Xu, The Dynamic Modelling of Vortex Axis Blade between Speed, Force and Rotation under Variable Angle & Power in Helicopter, (**American**) SunText Review of Material Science, 2021, S1: 103

19. Run Xu, An Innovation Searching for Prospering Financial Reformation like Stock's Sectors Increasing Amount and Economy GDP & its Per Capita Enhancement on Scientists Sustainably, UKR Journal of Economics, Business and Management, Volume 1, Issue 10, 2025, 153~157

20. Run Xu, An Innovation Searching for Prospering Economy GDP Enhancement with Different Regions on Scientists with Sustainability, UKR Journal of Economics, Business and Management, Volume 1, Issue 10, 2025, 148~152 **Impact factor 4.33**

21. Run Xu, An Innovation Searching for Prospering Financial Reformation like ETF and Economy GDP Enhancement on Scientists by Sustainability, UKR Journal of Economics, Business and Management, Volume 1, Issue 10, 2025, 143~147

22. Run Xu, Changfu Jin, An Innovation Searching for Prospering Financial Reformation like ETF and Economy GDP with Different Regions Enhancement on Scientists by Sustainability, UKR Journal of Economics, Business and Management, Volume 1, Issue 10, 2025, 139~142