**Form 3**



**AZERBAIJAN SCIENCE FOUNDATION**

# CALL FOR GRANT PROPOSALS

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| **“MAIN GRANT COMPETITION - 2024”**  **PROPOSALS FOR FUNDAMENTAL AND APPLIED SCIENTIFIC RESEARCHES**  **AEF-MGC-2024-2(50)** | | | **Form 3a**  **INFORMATION ABOUT PROJECT MANAGERS & EACH PARTICIPANT\*** | | | | | |
| **Surname: *Jabbarli*** | | | | | | | | 001 (2) |
| **Name: *Bibikhanim*** | | | | | | | |
| **Father’s name: *Ravayat*** | | | | | | | |
| **Birth date** *(day, month, year) 13.11.1997* | | **Birth place** *(country, city, region, settlement, village) Azerbaijan, Baku* | | | | | |
| **Home address** *(including postal code):* *Narimanov district, Ak. Hasan Aliyev 26, I. 6, AZ1078* | | | | | | | | |
| **Home telephone:**  ***+99412 5415927*** | **Mobile telephone:**  ***+99451 3974063*** | | | | **Personal e-mail address:** [***cabbarli.bibixanim@gmail.com***](mailto:cabbarli.bibixanim@gmail.com) | | | |
| **Citizenship: Azerbaijan** | **№ of ID card** *(please, attach a copy): AA 4586024* | | | | | | **Gender** *(male*  */female): female* | |
| **Full official name of employer:** ***National Aerospace Agency, Natural Resources Space Research Institute*** | | | | | | | | |
| **Structural unit** *(division, section, sector, department, laboratory) (indicate one of them):* ***Department of space monitoring of geophysical processes*** | | | | | | | | |
| **Position: *senior research fellow*** | | | | **Monthly salary** *(manat): 538* | | | | |
| **High education** *(attach a copy of diploma):* ***Optoelectronic systems, devices, and instruments*** | | | | **Additional high education** *(attach a copy of*  *diploma):* | | | | |
| **Scientific degrees, date of conferring** *(attach a copy of diploma):* | | | | **Scientific title, date of conferring** *(attach a copy of diploma):* | | | | |
| **Areas of scientific interest** *(according to the Foundation’s Classification code):* | | | | **Total number of scientific papers** *(excluding abstracts): 10* | | | | |
| **Work address** *(including postal code)***:Azerbaijan, AZ 1115, Baku city, Binagadi district, S.S. Akhundov street.1** | | | | | | | | |
| **Work telephone:**  *+994 12 562 17 23* | **Fax:** | | | | | **Professional e-mail address:**  *nasa@mdi.gov.az* | | |
| **Position in the project** *(project manager or participant): Participant* | | | | | | **Signature, date** | | |

Y.Safarov street, 27, AZ-1025, Baku, the Republic of Azerbaijan

Tel.: +(99412) 489-08-94, fax: +(99412) 489-08-92, [www.aef.gov.az,](http://www.aef.gov.az/) e-mail: [qrant@elmfondu.az](mailto:qrant@elmfondu.az)



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# “MAIN GRANT COMPETITION

**- 2024” PROPOSALS FOR**

# FUNDAMENTAL AND APPLIED SCIENTIFIC RESEARCHES

**Form 3b**

# INFORMATION\* ABOUT ORGANISATIONS \*\*

**AEF-MGC-2024-2(50)**

\* If the temporary creative collective is formed with participation of several organizations, then Form 3b must be completed for each organization separately

\*\* This form must be completed by the project managers

|  |  |
| --- | --- |
| **Short name of the organization: *MAKA, TEKTİ*** | |
| **Full and official name of the organization:** ***National Aerospace Agency, Natural Resources Space Research Institute*** | |
| **Administrative subordination of the organization:** | |
| **Head of organization** *(surname, name, father’s name)****:*** ***Agayev Fakhraddin*** | |
| **Web page (URL) and e-mail address:** ***nasa.az;*** *nasa@mdi.gov.az* | |
| **Postal code:** *AZ 1115* | |
| **Postal address:** ***Baku city, Binagadi district, S.S. Akhundov street. 1*** | |
| **City, region: *Baku city, Binagadi district, S.S. Akhundov street. 1*** | |
| **Scientific direction of the organization** *(indicate Foundation’s Classification code(s)):*  *1) 1-10 - Aviation and rocket-space engineering, aerospace research.*  *2) 1-10-02 - Operation of ground complexes, launch equipment, flying machines and their systems.*  *3) 1-10-05 - Aerospace studies from a distance.*  *4) 1-14-01 - Radio engineering, radio navigation, radar and television systems and devices.*  *5) 2-00-35 - Aerospace studies of the Earth, photogrammetry* | |
| **Degree of participation of the organization in the project**  *(If the research activities within this project are carried out in this organization, please put – 1;*  *If this organization is the main employer of the project*  *manager, please, put – 2)* | *(complete here)* |

Attention!!! Any signatures of the heads (deputy-heads, scientific secretary’s, etc) of institutions or seals are not required!

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| **“MAIN GRANT COMPETITION**  **- 2024” PROPOSALS FOR**  **FUNDAMENTAL AND APPLIED SCIENTIFIC RESEARCHES**  **AEF-MGC-2024-2(50)** | **Form 3c** |
| **INFORMATION ABOUT SCIENTIFIC ACTIVITY AND LIST OF PUBLICATIONS OF**  **PROJECT MANAGERS** |
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***This form must be completed by the principal project manager and co-manager.***

# Brief summary of the project manager’s scientific activities

Project manager’s field(s) of scientific activity; main scientific achievements; general information about the main scientific publications and inventions (patents); collaboration with domestic and foreign scientists and scientific organizations in the field(s) of the current proposal; other important information must be included in this summary

It must be filled in: font - Arial, size 12 pt, line spacing interval - 1,

not more than 4 pages

*(complete here )*

# List of most prestigious scientific publications relevant to the

**proposal\***

\*Maximum - 15, only for last 5 year;, Please attach copies of published articles, certificates of patents and inventions; the cover page, title page and table of contents of published books and monographs (1 sample required)

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| **№\*\*** | **Title of the scientific work (patent, invention)** | **Publication name, year, number, page, volume;**  **Publisher’s name** | **Co-authors** |

**Papers published in peer-reviewed scientific journals** *(indicate, please, Impact Factor and appearance in SCİ, other famous databases) (while listing, please, put most prestigious published papers first) (DO NOT include abstracts and*

*conference proceedings)****:***

|  |  |  |  |
| --- | --- | --- | --- |
| 1 | Issues of development and optimization of cuvette turbidimeters for monitoring water turbidity | Control. Diagnostics. 2022. Т. 25. No 12 (294). С. 47-51. (Web of Science) | Jabbarli B.R., Huseynova M.V. |
| 2 | Turbidimeter attitude turbidity control of water: a method for optimal distributed purification | Control. Diagnostics. 2022. Т. 25. No 11 (293). С. 52-56. (Web of Science) | Jabbarli B.R. |
| 3 | Optimisation issues of integrating turbidimeters taking into account settling of solid fines in the investigated liquid | Journal of meliorative science. 2023. No 2. С. 4-9. (Web of Science) | Jabbarli B.R. |

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| 4 | Optimisation of Isothermal Multi-adsorbent Adsorption Process Liquid pollutant adsorption by the model of Dubinin-Radushkevich | Herald of Voronezh State University. Series: Chemistry. Biology. Pharmacy. 2023. No 4. С. 18-22. (Web of Science) | Agaev F.G., Asadov H.G., Jabbarli B.R. |
| 5 | Methodology of Optimisation of Time-of-Flight Optical Turbidimeter | Proceedings of higher educational institutions. Instrumentation. 2023. Т. 66. No 5. С. 423-429. (Web of Science) | Javadov N.G., Agaev F.G., Jabbarli B.R. |
| 6 | About the opportunity ıncreased efficiency linearized multi-band nephelometric turbidity meters | Engineering systems. 2022. No 4. С. 48-52. | Jabbarli B.R. |
| 7 | The principle of extreme multi-cell turbidimetry. Implementation options | Almanac of modern metrology. 2023. No. 4 (36) С. 8-16. | N.G. Javadov,  F.G. Agaev,  H.G. Asadov,  B.R. Jabbarli |
| 8 | Batymetrıc method of water  turbıdıty surveys | Transactions of the Krylov State Research Centre. 2024. Vol. 1, No. 407. | Jabbarli B.R. |
| 9 | Method for determining water quality in swimming pools swimming pools | Water purification. 2024. No. 1 | Jabbarli B.R. |
| 10 | Development of a method for online assessment of the permanganate oxidation ındex of water supplied to water treatment facilities | Water supply and sanitary technique 2024. No. 1 | Jabbarli B.R. |
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**Monographs and books, atlas et al.: Patents and inventions:**

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*\*\* One can add rows when nesessary*

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| **Project manager** | **Bashirova Sevinc Mammadhasan**  *(surname, name, father’s name)* | *signature/date* |

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