



BRIN

BADAN RISET
DAN INOVASI NASIONAL

Science and Technology HR
Capacity Building Program

STI Talent Mobility Program

Directorate of Talent Management
The National Research and Innovation Agency

14th December 2023

About

Human resources capacity development program through researcher mobility is an activity organized by the National Research and Innovation Agency of Republic of Indonesia (BRIN) in order to increase capacity, competence, synergy for research, development, assessment, and application of science and technology, as well as a national research ecosystem to build the nation's competitiveness and independence.



Researcher Mobility Program

We're inviting experts, professors, and researchers from around the world to collaborate with research groups at Indonesian National Research and Innovation Agency (BRIN) in order to increase research capacity, competitiveness of scientific outcomes, and utilizing science and technology to improve the quality of innovation.

BRIN has 85 research center that are ready to have synergy and mutual collaboration with international researchers.



RIAU

Pekanbaru

SUMATERA BARAT

Agam

LAMPUNG

Tanjungpinang
Rajabasa
Anak Tuha

BANTEN

Serpong

JAKARTA

Ancol
Gatot Subroto
Kalisari
Pekayon
Pasar Jumat
Thamrin
Pulau Pari

JAWA BARAT

Bandung
Cisitu
Tamansari
Cibinong

Bogor

Rumpin
Garut
Rancabungur
Cibodas
Subang
Sumedang

JAWA TENGAH

Jepra
Karangsambung
Tawangmangu
Karanganyar
Magelang

Karangasem

Salatiga
Purwodadi

YOGYAKARTA

Playen
Tambah Bayan
Yogyakarta
Sleman

JAWA TIMUR

Pasuruan
Sukolilo
Surabaya

Karangasem

Salatiga
Purwodadi

KALIMANTAN BARAT

Pontianak

KALIMANTAN TIMUR

Tabang

BALI

Bedugul
Jembrana

NUSA TENGGARA BARAT

Mataram
Lombok

NUSA TENGGARA TIMUR

Kupang

SULAWESI SELATAN

Parepare

MALUKU

Ambon

PAPUA

Biak



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RESEARCH ORGANIZATION FOR AERONAUTICS AND SPACE



RESEARCH CENTERS

Space exploration is growing from time to time. Now, space exploration has even attracted the interest of the private sector. Indonesia also began to develop national space technology, the plan to build a spaceport in Biak and the launch of the LAPAN-4 satellite are proof of that. Moreover, with the prediction of the increasing value of the global space economy in 2036 - 2040, amounting to USD 1 trillion, Indonesia must take advantage of this opportunity. The aviation sector is no less important, Through N219 Multi Purpose Aircraft and "Alap-Alap" UAV, Indonesia wants to revive its national aviation sector.

Chairman of Research Organization

Dr. Robertus Heru Triharjanto, B.Eng., M.Sc.

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1. RESEARCH CENTER FOR SPACE
2. RESEARCH CENTER FOR AERONAUTICS TECHNOLOGY
3. RESEARCH CENTER FOR SATELLITE TECHNOLOGY
4. RESEARCH CENTER FOR ROCKET TECHNOLOGY
5. RESEARCH CENTER FOR REMOTE SENSING

RESEARCH ORGANIZATION FOR NUCLEAR ENERGY



RESEARCH CENTERS

In Indonesia, nuclear technology has not been utilized optimally yet due to the dangers of radiation. However, if appropriately managed, atomic power can be a source of new and renewable energy (EBT), which is cheaper, safer, and does not pollute the environment. In the non-energy sector, nuclear power can also be used in radiopharmaceuticals and food preservation processes.

Seeing the opportunities for nuclear energy in the future, BRIN has established a Research Organization for Nuclear Energy to carry out technical tasks of research, development, assessment, and application, as well as inventions and innovations in the field of Nuclear Energy and Implementation of Nuclear Energy.

Chairman of Research Organization

Dr. Rohadi Awatudin

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1. RESEARCH CENTER FOR RADIATION PROCESS TECHNOLOGY
2. RESEARCH CENTER FOR ACCELERATOR TECHNOLOGY
3. RESEARCH CENTER FOR RADIATION DETECTION AND NUCLEAR ANALYSIS TECHNOLOGY
4. RESEARCH CENTER FOR NUCLEAR FUEL CYCLE AND RADIOACTIVE WASTE TECHNOLOGY
5. RESEARCH CENTER FOR NUCLEAR REACTOR TECHNOLOGY
6. RESEARCH CENTER FOR RADIOISOTOPE, RADIOPHARMACEUTICAL, AND BIODOSIMETRY TECHNOLOGY
7. RESEARCH CENTER FOR SAFETY, METROLOGY, NUCLEAR QUALITY TECHNOLOGY

RESEARCH ORGANIZATION FOR ENERGY AND MANUFACTURE



RESEARCH CENTERS

Human dependence on energy makes it important to develop research and innovation in new and renewable energy (EBT). EBT research and innovation will significantly assist the transition from fossil energy to NRE as the future energy. In addition to NRE, the manufacturing sector is essential in developing Indonesia's future industry. As a result, BRIN has formed the Research Organization for Energy and Manufactured to carry out technical tasks of research, development, assessment, and application, as well as inventions and innovations in the energy and manufacturing sectors.

Chairman of Research Organization

Dr. Haznan Abimanyu, Dip. Ing.

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1. RESEARCH CENTER FOR ENERGY CONVERSION AND CONSERVATION
2. RESEARCH CENTER FOR TRANSPORTATION TECHNOLOGY
3. RESEARCH CENTER FOR STRUCTURAL STRENGTH TECHNOLOGY
4. RESEARCH CENTER FOR PROCESS AND MANUFACTURING INDUSTRY TECHNOLOGY
5. RESEARCH CENTER FOR HYDRODYNAMICS TECHNOLOGY
6. RESEARCH CENTER FOR TESTING TECHNOLOGY AND STANDARDS
7. RESEARCH CENTER FOR SUSTAINABLE PRODUCTION SYSTEM AND LIFE CYCLE ASSESSMENT

RESEARCH ORGANIZATION FOR EARTH SCIENCES AND MARITIME




RESEARCH CENTERS

Indonesia's wealth as a fertile maritime country must be used based on research and innovation in earth and marine science and technology. Therefore, BRIN has formed the Research Organization for Earth Sciences and Maritime to carry out technical research, development, assessment, and application tasks, as well as inventions and innovations in the earth and maritime fields.

Chairman of Research Organization

Prof. Dr Ocky Karna Radjasa, M. Sc.

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1. RESEARCH CENTER FOR GEOSPATIAL
2. RESEARCH CENTER FOR GEOLOGICAL DISASTER
3. RESEARCH CENTER FOR CLIMATE AND ATMOSPHERE
4. RESEARCH CENTER FOR LIMNOLOGY AND WATER RESOURCES
5. RESEARCH CENTER FOR CONSERVATION OF MARINE AND INLAND WATER RESOURCES
6. RESEARCH CENTER FOR OCEANOGRAPHY
7. RESEARCH CENTER FOR DEEP SEA
8. RESEARCH CENTER FOR MARINE AND LAND BIOINDUSTRY
9. RESEARCH CENTER FOR FISHERY
10. RESEARCH CENTER FOR GEOLOGICAL RESOURCES

RESEARCH ORGANIZATION FOR LIFE SCIENCES AND ENVIRONMENT



RESEARCH CENTERS

Indonesia is a country with the largest biodiversity in the world. However, these advantages should not stop at mere pride but must be utilized optimally for the welfare of the Indonesian people. Utilization can be done through research and innovation in biology and the environment. BRIN then has formed the Research Organization for Life Sciences and Environment to carry out technical research, development, assessment, and application tasks, as well as inventions and innovations in biology and the environment.

Chairman of Research Organization

Dr. Iman Hidayat

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1. RESEARCH CENTER FOR GENETIC ENGINEERING
2. RESEARCH CENTER FOR BIOSYSTEMATICS AND EVOLUTION
3. RESEARCH CENTER FOR ECOLOGY AND ETHNOBIOLOGY
4. RESEARCH CENTER FOR PLANT CONSERVATION, BOTANIC GARDENS, AND FORESTRY
5. RESEARCH CENTER FOR APPLIED ZOOLOGY
6. RESEARCH CENTER FOR BIOMASS AND BIOPRODUCTS
7. RESEARCH CENTER FOR ENVIRONMENTAL AND CLEAN TECHNOLOGY
8. RESEARCH CENTER FOR APPLIED MICROBIOLOGY

RESEARCH ORGANIZATION FOR ELECTRONICS AND INFORMATICS



RESEARCH CENTERS

The shift of human civilization toward digital civilization has been well-known at this time through the decreasing number of direct interactions and the increasingly massive use of the internet of things (IoT) in all aspects of human life. Facing an advanced era that is primarily digital, especially with the 4.0 industrial revolution, research and innovation in electronics and informatics are needed. In line with this, BRIN also has an Electronics and Informatics Research Organization to carry out technical research, development, assessment, and application activities, as well as inventions and innovations in electronics and informatics.

Chairman of Research Organization

Dr. Eng. Budi Prawara

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1. RESEARCH CENTER FOR TELECOMMUNICATION
2. RESEARCH CENTER FOR ELECTRONICS
3. RESEARCH CENTER FOR ARTIFICIAL INTELLIGENCE AND CYBER SECURITY
4. RESEARCH CENTER FOR DATA AND INFORMATION SCIENCES
5. RESEARCH CENTER FOR COMPUTING
6. RESEARCH CENTER FOR SMART MECHATRONICS

RESEARCH ORGANIZATION FOR SOCIAL SCIENCES AND HUMANITIES





RESEARCH CENTERS

Science and humanities research is essential to raise people to be more humane and holistically cultured. For this purpose, BRIN established the Social Sciences and Humanities Research Organization, tasked with carrying out technical research, development, assessment, and application tasks, as well as inventions and innovations in the social sciences and humanities.

Chairman of Research Organization

Dr. Ahmad Najib Burhani, M.A.

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1. RESEARCH CENTER FOR
SOCIETY AND CULTURE

2. RESEARCH CENTER FOR
POLITICS

3. RESEARCH CENTER FOR
POPULATION

4. RESEARCH CENTER FOR
AREA STUDIES

5. RESEARCH CENTER FOR
LAW

6. RESEARCH CENTER FOR
EDUCATION

7. RESEARCH CENTER FOR
RELIGIOUS HARMONY
AND MODERATION

8. RESEARCH CENTER FOR
RELIGION AND BELIEF

RESEARCH ORGANIZATION FOR ARCHAEOLOGY, LANGUAGE, AND LITERATURE




RESEARCH CENTERS

Indonesia is a nation born of the richness of its civilization. Therefore, Indonesia's history and culture are a must to be preserved. Besides, there are various philosophies and local wisdom in them. Regarding this, BRIN has formed the Research Organization for Archaeology, Language, and Literature to conduct the research, development, assessment, and application of inventions and innovations in archaeology, language, and literature.

Chairman of Research Organization

Dr. Herry Jogaswara, MA.

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1. RESEARCH CENTER FOR
PREHISTORIC AND
HISTORY ARCHAEOLOGY

2. RESEARCH CENTER FOR
ARCHAEOOMETRY

3. RESEARCH CENTER FOR
LANGUAGE AND
LITERATURES PRESERVATION

4. RESEARCH CENTER FOR
ENVIRONMENTAL ARCHAEOLOGY,
MARITIME ARCHAEOLOGY,
AND CULTURAL SUSTAINABILITY

5. RESEARCH CENTER FOR
LANGUAGE, LITERATURE,
AND COMMUNITY

6. RESEARCH CENTER FOR
MANUSCRIPTS, LITERATURE,
AND ORAL TRADITIONS

7. RESEARCH CENTER FOR
TREASURES OF RELIGION
AND CIVILIZATION

RESEARCH ORGANIZATION FOR HEALTH



RESEARCH CENTERS

Research and technology in the health sector are significant, considering the world is facing various diseases, including the COVID-19 pandemic. Research and innovation in the health sector are not only anticipatory steps in crises (prevention, prevention, treatment) but also support the progress and independence of the Indonesian health sector. Therefore, BRIN formed a Health Research Organization to technically conduct research, development, assessment, and implementation of inventions and innovations in the health sector.

Chairman of Research Organization

Prof. Dr. drh. NLP. Indi Dharmayanti, M.Si.

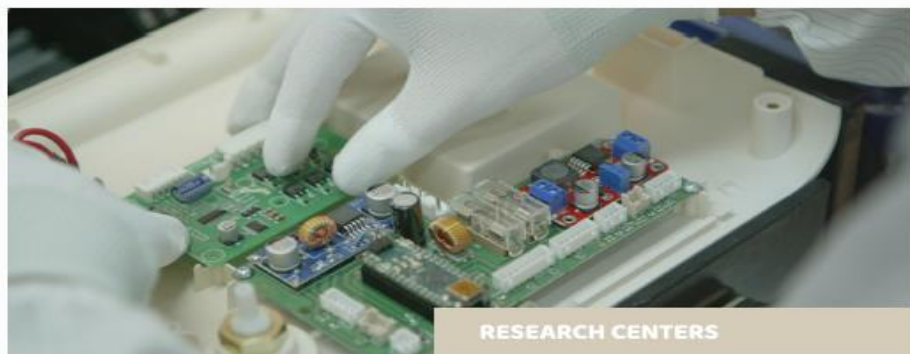
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1. RESEARCH CENTER FOR BIOMEDICAL RESEARCH
2. RESEARCH CENTER FOR PRE CLINICAL AND CLINICAL MEDICINE
3. RESEARCH CENTER FOR PUBLIC HEALTH AND NUTRITION
4. RESEARCH CENTER FOR PHARMACEUTICAL INGREDIENTS AND TRADITIONAL MEDICINE
5. RESEARCH CENTER FOR VACCINE AND DRUG
6. RESEARCH CENTER FOR MOLECULAR BIOLOGY
7. RESEARCH CENTER FOR VETERINARY SCIENCE

RESEARCH ORGANIZATION FOR NANOTECHNOLOGY AND MATERIALS




RESEARCH CENTERS

BRIN, as a national research agency, has formed the Research Organization for Nanotechnology and Materials as a step in contributing to the 12th Sustainable Development Goals (SDGs), National Research Priority (PRN) 2017-2019, and the technology and manufacturing industry in Indonesia through carrying out research, development, assessment, and implementation, as well as inventions and innovations in Nanotechnology and Materials.

Chairman of Research Organization

Prof. Ratno Nuryadi

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1. RESEARCH CENTER FOR ADVANCED MATERIAL
2. RESEARCH CENTER FOR METALLURGY
3. RESEARCH CENTER FOR MINING TECHNOLOGY
4. RESEARCH CENTER FOR QUANTUM PHYSICS
5. RESEARCH CENTER FOR CHEMISTRY
6. RESEARCH CENTER FOR PHOTONICS
7. RESEARCH CENTER FOR POLYMER TECHNOLOGY

RESEARCH ORGANIZATION FOR AGRICULTURE AND FOOD



RESEARCH CENTERS

Agriculture and food are two closely related fields because good quality and quantity of food depend on an excellent agricultural system. Indonesia was also previously known as an agricultural country and had received the title of a rice granary in Southeast Asia. In order to maintain national food security, research and innovation in agriculture and food needs to be continuously developed. Through BRIN, the government has formed the Research Organization for Agriculture and Food, which carries out technical tasks of research, development, assessment, and application, as well as inventions and innovations in agriculture and food.

Chairman of Research Organization

Puji Lestari, SP., M.Si., Ph.D.

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1. RESEARCH CENTER FOR FOOD TECHNOLOGY AND PROCESSING

2. RESEARCH CENTER FOR AGROINDUSTRY

3. RESEARCH CENTER FOR FOOD CROPS

4. RESEARCH CENTER FOR HORTICULTURE AND ESTATE CROPS

5. RESEARCH CENTER FOR ANIMAL HUSBANDRY

6. RESEARCH CENTER FOR APPROPRIATE TECHNOLOGY

RESEARCH ORGANIZATION FOR GOVERNANCE, ECONOMY, AND COMMUNITY WELFARE



RESEARCH CENTERS

Good management in government, economy, and people's welfare, will assist Indonesia in achieving its vision and mission. Hence, BRIN formed Research Organization for Governance, Economy, and Community Welfare to technically carry out research, development, assessment, and implementation, as well as inventions and innovations in government, economy, and community welfare.

Chairman of Research Organization

Dr. Agus Eko Nugroho, S.E.M. Appl. Econ.

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1. RESEARCH CENTER FOR DOMESTIC GOVERNMENT

2. RESEARCH CENTER FOR PUBLIC POLICY

3. RESEARCH CENTER FOR MACROECONOMICS AND FINANCE

4. RESEARCH CENTER FOR SOCIAL WELFARE, VILLAGE, AND CONNECTIVITY

5. RESEARCH CENTER FOR ECONOMICS OF INDUSTRY, SERVICES, AND TRADE

6. RESEARCH CENTER FOR BEHAVIORAL AND CIRCULAR ECONOMY

7. RESEARCH CENTER FOR COOPERATIVE, CORPORATION, AND PEOPLE'S ECONOMY

Programs

	Post-Doctoral Program	Visiting Researcher Program
Activities	Carry out a joint research, development, assessment, and/or application of science and technology activities to produce scientific outputs	<ul style="list-style-type: none">• Carry out a joint research, development, assessment, and/or application of science and technology activities to produce scientific outputs• Give general lecture, training/workshop and transfer knowledge to BRIN researcher; or<ul style="list-style-type: none">• Prepare joint research proposal
Duration	1 year and can be extended according to the evaluation result	1 -3 month
Output	Two scientific publications in highly reputable global indexed journals per year	Collaborative joint research project, one highly reputable global indexed scientific publication or equivalent – during the year-
Eligible Participants	<ul style="list-style-type: none">• Doctoral degree fresh graduates (<i>not more than 5 years after graduating date</i>)<ul style="list-style-type: none">• Has no affiliation	<ul style="list-style-type: none">• Professors• Experts & Researchers with doctoral degree<ul style="list-style-type: none">• H-index min.5

Terms & Conditions

- **Open recruitment** (having a research collaboration host at BRIN beforehand is recommended);
- Have an **expertise relevant** to the chosen topic of expertise;
- Indonesian citizen or foreign nationals, **other than BRIN's officials**;
- For **foreign nationals**, required to **obtain an immigration permit** in accordance with the provisions of the applicable laws;
- **Willing to live in Indonesia** (or around BRIN's Research Center) during the fellowship period.



Funding

BRIN will provide:

- A round trip economy class international flight cost, and
- Incentives will be given monthly in a form of living allowance.



Post Doctoral	USD 1,064*
Visiting Researcher	
• Professor	USD 1,701*
• Non Professor	USD 1,252*

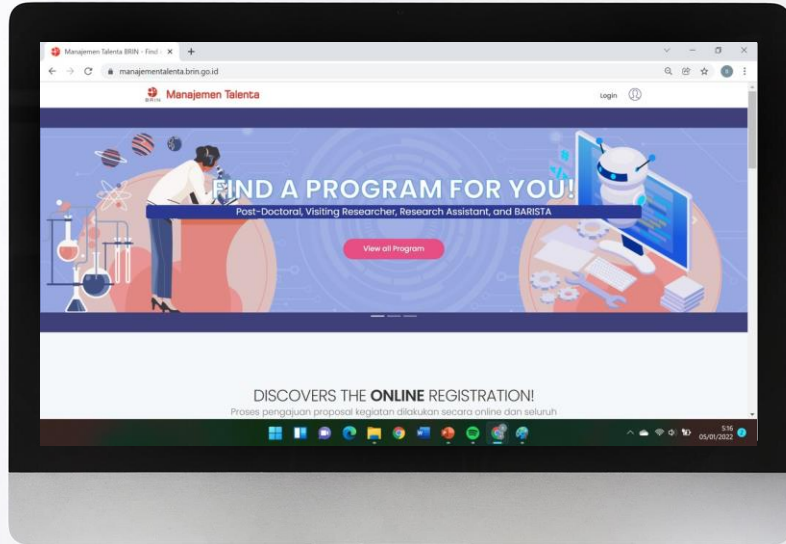
*Exchange Rate per June 16th 2023: 1 USD = 14.932 IDR

Distribution of Participants

Research Organization	Postdoc	VR	Total
Archaeology, Language, and Literature	5	8	13
Electronics and Informatics	15	1	16
Energy and Manufacture	45	7	52
Life Sciences and Environment	68	19	87
Social Sciences and Humanities	9	13	22
Earth Science and Maritime	29	11	40
Health	25	8	33
Nanotechnology and Materials	33	10	43
Space and Aeronautics	2	0	2
Agriculture and Foods	16	2	18
Governance, Economy, and Community Welfare	30	5	35
Nuclear Energy	2	1	3
Total			364

*Accumulative data for both active and completed participants

Website & System Information



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