



Guidebook

Bali Youth International Research & Exhibition 2 2026

17 April — 19 April

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|  | International Science Competition |
|  | National Science Competition |
|  | Film Science Competition |

Presented By



In Collaboration



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International Science Competition

Where did all this begin?

Bali Youth International Research & Exhibition : International Science Competition

is held as an effort to encourage direct and indirect involvement of millennials and Generation Z in current issues related to science and technology, such as climate change, public health, biomaterials, renewable energy, new technologies, nature conservation, and environmental education, in order to build awareness and concern for nature and living things around us and others.

One of the biggest issues facing the world is climate change. Climate change refers to major and prolonged changes in the way the weather works around the world. Climate change has various consequences, such as severe droughts, water scarcity, forest fires, polar ice melting, rising sea levels, floods, violent storms, and a decline in biodiversity. Global warming is the main cause of climate change.

In addition to climate change issues, the maritime sector also faces problems such as unsustainable fishing, fish theft, poaching, maritime agricultural inequality, and threats to the sustainability of coastal and ocean ecosystems. In addition, there are also problems of infrastructure inequality, ship theft, piracy and terrorism at sea. Specifically in Indonesia, the main maritime issues include fisheries, marine ecosystems, maritime security, and infrastructure.

In an effort to mitigate these issues, increasing the number of competent human resources is very important because it can greatly contribute to creating innovative solutions that can overcome these various challenges. The 2018 Bali Youth International Research & Exhibition was attended by 19 teams from 11 countries, representing almost all continents

International Science Competition



Hopes

to be achieved

1. Inspire and encourage millennials and Generation Z to think and act based on scientific principles in their daily lives.
2. Improve the quality of research conducted by millennials and Generation Z.
3. Inspire and encourage millennials and Generation Z to start protecting their intellectual property and commercializing their research results.
4. Inspire and encourage direct and indirect involvement of millennials and Generation Z in current issues related to science and technology, such as climate change, public health, biomaterials, renewable energy, new technologies, nature conservation, and environmental education, in order to build awareness and concern for nature and living things around us and others.
5. Enhancing the role of all stakeholders in the world of science (researchers, universities, schools, businesses, communities, young people) to become more involved in introducing and developing research among millennials and Generation Z in their daily lives.
6. Bringing together all parties to contribute to programs related to issues of climate change, public health, biomaterials, renewable energy, new technologies, nature and environmental conservation, and others.
7. Providing space for innovation, expression, and competition for millennials and Generation Z to share their ideas and research.

International Science Competition

Theme

Science Without Boundaries :

The Role of the Younger Generation in Integrating Local and Global Knowledge for a Sustainable Future

Participant Category

1. Primary School Level (for participants aged 6 – 12 years)
2. Junior High School Level (for participants aged 13 – 15 years)
3. Senior High School Level (for participants aged 16 – 18 years)
4. University Level (for participants aged 19 – 23 years)

International Science Competition

Timeline

| Offline Participant | |
|---------------------------------------|--------------------|
| Registration & abstract Deadline | 15 March 2026 |
| Payment Deadline | 28 March 2026 |
| Extended Abstract Submission Deadline | 3 April 2026 |
| Judging Day | 17 - 18 April 2026 |
| Awarding Ceremony | 19 April 2026 |

| Online Participant | |
|---------------------------------------|------------------|
| Registration & abstract Deadline | 21 March 2026 |
| Payment Deadline | 25 March 2026 |
| Extended Abstract Submission Deadline | 25 March 2026 |
| Judging Day | 7 - 8 April 2026 |
| Awarding Ceremony | 10 April 2026 |

} Extended

Participant Requirements

Online Participant

1. Teams consist of **1-5 student members**.
2. There is **no limit to the number of teams** from each school/university/community/institution.
3. The participation form consists of a collection of photos of the invention or innovation, an **A0 size (84.1 x 118.9 cm) online poster in PNG or JPG format**, which must be filled out by each team.
4. Participants must submit a presentation video with a duration of 5-7 minutes and upload it to a video platform (Drive/YouTube/Instagram) with the URL set to public.
5. The judging will be conducted by **zoom meeting**

Participant Requirements

Offline Participant

1. Teams consist of **1-5 student members** and may be accompanied by 1 mentor or teacher (if students are unable to attend).
2. There is **no limit to the number of teams from each school/university/community/institution**. The participation form must be completed by each team.
3. Each team is required to exhibit for **2 days**.
4. Participants are required to make an **AO size poster (84.1 x 118.9 cm)** and are allowed to bring models or prototypes as part of their presentation.
5. Booth installation will be carried out on the **first day of the event**. Further information will be provided by the organizer via email.
6. Each participating team will be provided with 1 table, 2 chairs, and 1 power source. Each team is responsible for **bringing any other items needed** to set up their booth.
7. The following items are not allowed in the competition area: **live animals, flammable objects, lighters, hazardous chemicals, sharp weapons, and radioactive materials**.
8. Each team **must exhibit their project** at the designated booth throughout the event regardless of progress and assessment status.
9. Judging will take place over the **two days** of the event through **presentations and Q&A** sessions at the exhibition booths.

International Science Competition

Competition Category



Class A

Medicine and Public Health/Medical Technology/Pharmacy/ Health Products

This class covers life science-based innovations related to diagnosis, treatment, disease prevention, digital health technology, medicines and pharmaceutical formulations, health supplements, therapy and rehabilitation devices, and public health management systems.



Class B

Processed Products from Agriculture, Livestock, Fisheries, and Plantation

This class covers innovations in finished or processed products originating from the agricultural sector, such as processed foods and beverages, dairy products, processed fishery products, processed plantation products (coffee, tea, chocolate, spices), fiber-based products (textiles from cotton/natural fibers), and other value-added products such as organic fertilizers or formulated animal feed. The emphasis is on end products that are ready for consumption or use.



Class C

Cosmetics/Personal Care Products

This class focuses on innovations in beauty and body care products for everyday use, such as skincare (serums, moisturizers, sunscreen), makeup, hair care products, soap and body care, oral care products, perfume and deodorant, and other personal hygiene products.



Class D

Modern Agriculture/Horticulture/Forestry and Gardening/ Fisheries/Livestock

This class covers innovations in systems, methods, and technologies in the agricultural production process, including modern cultivation techniques (hydroponics, aeroponics, vertical farming), irrigation and land management systems, seedling and breeding technologies, plant/animal growth monitoring systems, aquaculture and mariculture systems, pest management, and innovations in agroforestry practices. The focus is on improving the efficiency, productivity, and sustainability of the production process.

International Science Competition

Competition Category



Energy/Power and Electricity/Mechanics/Machinery

This class is for innovations in energy generation, conversion, storage, and distribution, as well as mechanical systems such as energy conversion engines, electricity transmission and distribution systems, mechanical and machining components, propulsion systems, and innovations in energy efficiency.



Building/Construction/Architecture

This class covers innovations in design, materials, construction methods, and building systems such as innovative building materials (composites, environmentally friendly), prefabricated or modular construction technologies, new structural systems, sustainable architectural design (green building), smart building management systems (building automation), technologies for disaster mitigation in buildings, and innovations in spatial planning and urban infrastructure.



Education/Office/Household Equipment and Appliances/Sports

This class covers product and system innovations that improve the quality of daily life in various aspects, including innovative learning media and methods, modern stationery and office supplies, functional furniture, kitchen and household appliances, organization and storage systems, sports and fitness equipment, and educational toys.



Robotics/Electronics/Automation/IoT & Applications /Information, Communication, and Technology (ICT)

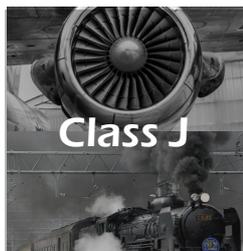
This class covers innovation in robots and autonomous systems, electronic circuits and sensors, industrial automation and smart home systems, IoT-based applications, mobile/web software and applications, communication and network systems, artificial intelligence and machine learning, blockchain, cybersecurity, and integrated information systems. This category is suitable for works that utilize computing, electronics, and digital connectivity.

Competition Category



Security and Safety

This class includes innovations that aim to protect people, assets, and the environment from various threats and hazards, including early detection and warning systems (fire, gas, intrusion), personal protective equipment (PPE), surveillance and monitoring technology, cybersecurity systems for critical infrastructure, rescue and emergency response devices, workplace accident prevention systems, disaster management technology, and innovations in food safety and biosecurity.



Aviation and Transportation

This class is for innovations in systems and technologies for the movement of people, goods, and information, including aircraft and drone (UAV) technology, land vehicles (cars, motorcycles, trains), public transportation systems, electric and autonomous vehicle technology, navigation and traffic management systems, transportation infrastructure (roads, bridges, ports), logistics and supply chains, as well as innovations in urban mobility such as bike-sharing or micro-mobility.



Marine, oceanography, geophysics, and astronomy

This class covers innovations in the exploration, monitoring, and utilization of natural resources and natural phenomena, such as deep sea exploration technology, marine ecosystem monitoring systems, oceanographic and hydrographic devices, seismic and earthquake monitoring technology, tsunami early warning systems, meteorological and climatological instruments, space exploration technology, telescopes and astronomical instruments, and climate and weather change monitoring systems.

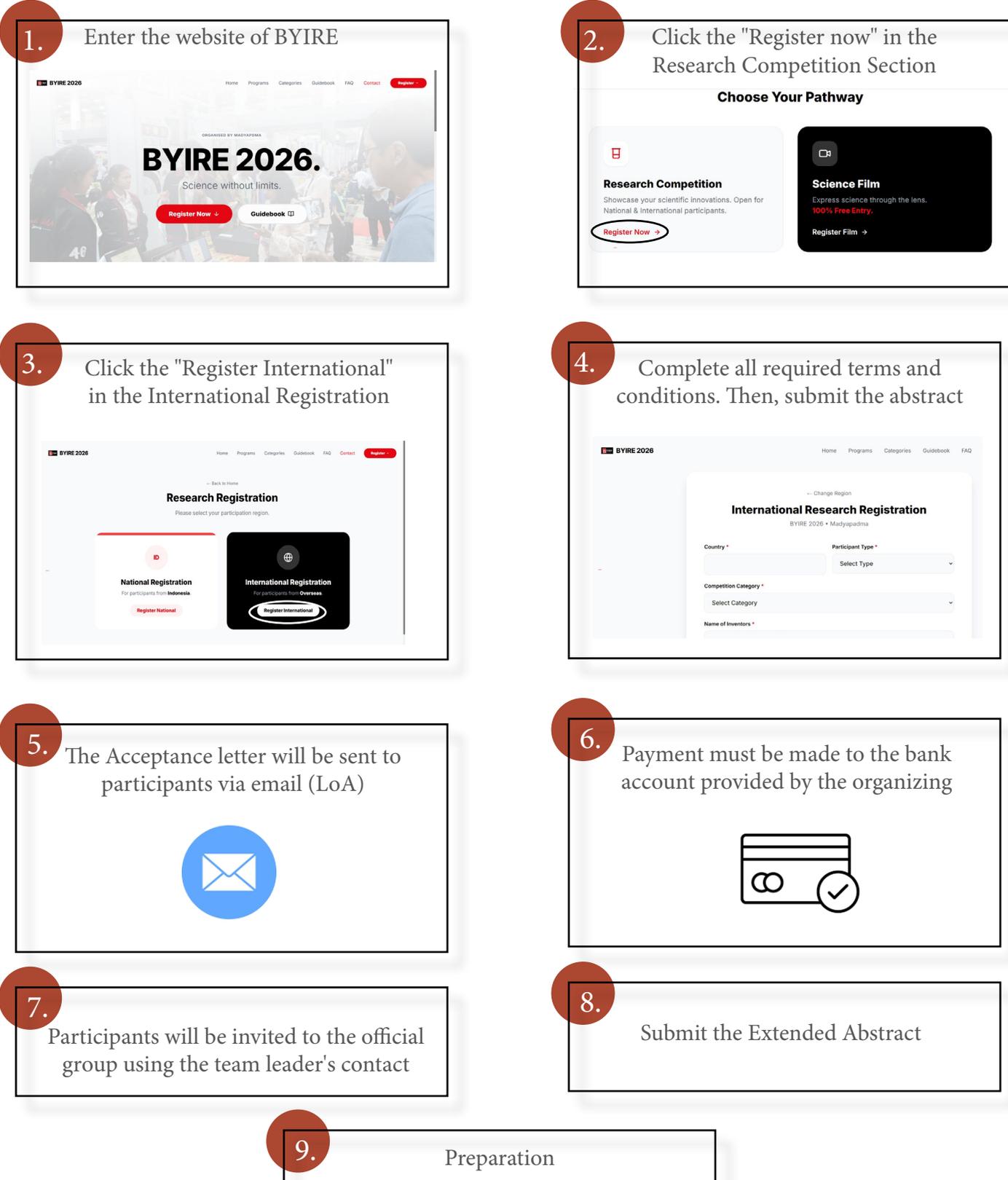


Social Sciences

This class is intended for innovations based on social and behavioral science research that provide solutions to societal challenges, such as systems and platforms for community empowerment, social business models and social entrepreneurship, technologies for inclusion and accessibility, systems for improving the quality of life of vulnerable groups, innovations in governance (e-government), new social research methods, evidence-based behavior change programs, and solutions to issues of poverty, inequality, or social cohesion.

International Science Competition

Registration Mechanism



International Science Competition

Registration Fee

| Offline Participant | | |
|---------------------------|------------------------|--|
| Indonesian Participant | Rp 2.600.000,00 / team | Participant consumption, one medal per team, goodie bag, t-shirt, booth (with booth equipment), and other facilities |
| International Participant | 250 USD / team | |

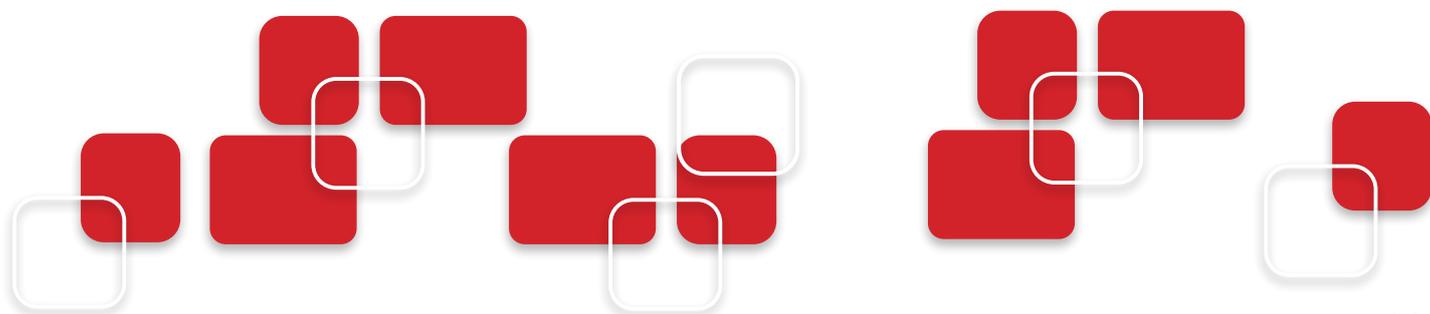
| Online Participant | | |
|---------------------------|--|---|
| Indonesian Participant | Rp 700.000,00 / team | Hard copy certificate, one medal per team |
| International Participant | 60 USD / team* (Terms and conditions apply) | E-certificate |

Terms and conditions apply :

- * International online participants who wish to purchase a medal may confirm through the provided contact after the awarding day. The price will vary depending on the participant's country of residence

Term of Payment

- The payment should match the total cost stated in the invoice.
- Payment must be made in full; any bank charges, taxes, or fees must be covered by the participant.
- Transfer payment to the following account:
 - Account Name : **Ni Made Risa Paramitha**
 - Bank : **Bank Central Asia (BCA)**
 - Account No. : **0403526930**



International Science Competition

Judging Criteria

- Originality of ideas
- Innovation/invention
- Scientific research methods
- Application in daily life or society
- Opportunities for mass industrial development
- Environmentally friendly
- Functionality of the tool or product (according to respective specifications)
- Presentation skills and mastery of the topic

The Awards

- 1 Madyapadma Grand Award
- 2 Platinum Medal for Best Inventionw
- 3 Special Award
- 4 Gold Medal, Silver Medal, Bronze Medal
- 5 People's Choice Innovation Award

International Science Competition

Contact Person



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Guidebook
Bali Youth International
Research & Exhibition

Creative in research, brilliant in invention