Guidebook

INTERSECT YOUNG RESEARCHER COMPETITION 2025
Stanford University, 31 October 2025

Supported by:

Stanford Center for Earth Resources
Forecasting (SCERF)
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Background

"Empowering Young Minds for Indonesia's Sustainable Future"

The Intersect Young Researcher Competition is a prestigious national-level competition that invites Indonesian high school students to explore, research, and present innovative ideas under the grand theme: "**Indonesia at the Crossroad of Technology, Sustainability, and Society**." This competition offers a unique opportunity for students to showcase their critical thinking and scientific research skills in solving real-world challenges faced by Indonesia today.

The competition is part of INTERSECT 2025, a global symposium to be held at **Stanford University, USA, on November 20, 2025**. INTERSECT 2025 will bring together global leaders, researchers, and practitioners working at the intersection of sustainable energy, emerging technology, and public policy. By involving high school students, the INTERSECT Young Researcher Competition aims to inspire the next generation of changemakers and introduce them to international platforms of academic and policy discourse. More info is available in **https://intersect.id/.**

Participants are invited to submit research projects that explore critical issues and offer innovative solutions related to technology, sustainability, and society. The competition is conducted in teams of 2–3 students, with the first stage requiring an abstract submission. All participants are eligible for a limited full scholarship to attend the **Junior AI Safety Pioneer Researcher Workshop**, hosted in collaboration with the Stanford Center for AI Safety, AI Safety Indonesia, and MyKampus. See more info at the event webpage: **https://lu.ma/g1qiaefx**

Selected finalists **will present their research remotely at the INTERSECT 2025 symposium** in front of a panel of academics and experts, **get their research paper published** in an official proceedings, and, also, **receive certificates of achievement from the INTERSECT committee**. This competition offers not only a stage to express ideas and drive change, but also an opportunity for students and teachers to demonstrate excellence and connect with global thought leaders and be part of Indonesia's energy and sustainability transformation. **The top three teams** will also cash prizes to further support their personal development and academic achievement.

Please join us and be part of the solution. **"Your Ideas. Indonesia's Future."**

Eligibility Criteria

1. Open to all active high school students (SMA/sederajat) currently enrolled in schools in Indonesia.
2. Each team must consist of 1 to 3 students from the same school. Team members may come from different grades or academic tracks within the school.
3. Each team must have one designated team leader, who is responsible for communication with the organizing committee. A student may only participate in one submission and cannot be the team leader on multiple submissions.
4. Each team must be supervised by a teacher, mentor, or school representative, who will be listed as the supervisor on the submission form.
5. Submissions must be the original work of the team and must not contain elements of plagiarism, copyright infringement, or content that has previously won other competitions. AI-generated contents are allowed, but the team must include **a statement of responsible AI usage** if AI's are used in their submission. Download here: **https://mansurarief.github.io/ai-usage-and-reflection-form.docx**
6. Research papers and presentations must not contain any elements of SARA (ethnicity, religion, race, and inter-group relations), pornography, or other offensive content.
7. Teams found to have committed academic dishonesty, data fabrication, or misrepresentation will be disqualified and the school will be black-listed to participate in INTERSECT and its partner organizations in the future.
8. By submitting their work, participants agree to grant the organizing committee the non-exclusive right to publish, reproduce, or distribute their submission for educational and promotional purposes.
9. All decisions made by the panel of judges are final and cannot be contested.

Registration Flow

1. **Register your team and submit your abstract for free** through the official INTERSECT 2025 website: **https://intersect.id/competition/**
2. Teams that pass the **abstract selection** will be invited to continue to the next stage by submitting a **full paper**.
3. **Registration Fee (per team):**
   ○ **Early bird:** IDR 100k (by August 15, 2025 – code: EarlyBirdsINTERSECT2025)
   ○ **Regular:** IDR 150k
4. Payments is processed online by **MyKampus:**
   https://checkout.xendit.co/od/intersect25-young-researcher-competition
   Please download and keep your receipt.
5. If you have any difficulties, contact: 📞 **Azmul**: **+62 823-4931-9668**

Timeline

Activity	Date
Online Information Session	May 10, 2025 (Zoom TBA) (09:00 WIB)
Online Information Session	June 8, 2025 (Zoom TBA) (09:00 WIB)
(Optional) Junior AI Safety Pioneer Researcher Workshop	June 15, 2025 (08:00-12:00 WIB). Register at: **https://lu.ma/g1qiaefx**
Abstract Submission Period	July 1 – August 17, 2025 (23:59 AoE)
Abstract Acceptance Period	July 4 - August 20, 2025
Full Paper Submission	**Early bird:** July 15 – August 15, 2025
	Regular: August 16 – September 1, 2025
Announcement of Finalists	September 15, 2025 (Sunday)
Technical Meeting for Finalists	October 10, 2025 (Friday)
PPT Submission Deadline	October 27, 2025 (Monday)
Final Presentation Day	October 31, 2025 (Friday)
Winners Announcement	November 1, 2025 (Saturday)

Writing Guidelines

A. Abstract

1. Abstract must be written in **English** with correct grammar and structure.
2. **Formatting requirements**:
   - Paper size: A4
   - Font: Times New Roman
   - Font size: 12 pt
   - Margins: Top (3 cm), Right (3 cm), Bottom (3 cm), Left (4 cm)
   - Line spacing: Single (no spacing before or after paragraphs)
   - Text alignment: Justify (except title: Centered)
3. The abstract should be **a single paragraph** with a **maximum of 300 words**.
4. Include **2–3 keywords**, listed alphabetically.
   File name format:
   `TeamLeaderName_School_Abstract_FirstThreeWordsOfTitle`
   Example: `Satria_TarunaHighSchool_Abstract_TechnologyForChange`
5. Abstracts that do not follow the required format may **receive point deductions**.

B. Full Paper

1. The **main content** should be **5–10 pages**.
2. Access and use the full paper template directly from the official submission page:
   https://intersect.id/submission/
3. Full paper must be submitted in **PDF format**.
4. **File name format**:
   `TeamLeaderName_School_FirstThreeWordsOfTitle`
   Example: `Satria_TarunaHighSchool_TechnologyForChange`
5. Submissions not following the guidelines may **receive score deductions**.

C. Supplementary Documents

1. All supplementary documents must be submitted in **PDF Format**, including the **registration payment receipt**.
2. CV of Author(s) – **Use this template**
   a. **File name format**:
   `CV_Membername_School_FirstThreeWordsOfTitle`
   Example: `CV_Rasya_TarunaHighSchool_TechnologyForChange`
3. CV of Supervisor/Mentor – **Use this template**
   a. **File name format**:
   `CVMentor_Supervisorname_School_FirstThreeWordsOfTitle`
   Example: `CVMentor_Rudi_TarunaHighSchool_TechnologyForChange`
4. Approval Sheet – **Use this template**

      a. **File name format**:

        `ApprovalSheet_School_FirstThreeWordsOfTitle`

        Example: `ApprovalSheet_TarunaHighSchool_TechnologyForChange`

5. Declaration of Originality – **Use this template**
      a. **File name format**:

        `Originality_School_FirstThreeWordsOfTitle`

        Example: `Originality_TarunaHighSchool_TechnologyForChange`

6. Statement of Responsible AI Usage **(only if Gen-AI is used)** – **Use this template**
      a. **File name format**:

        `AIUsage_School_FirstThreeWordsOfTitle`

        Example: `AIUsage_TarunaHighSchool_TechnologyForChange`

D. Presentation

1. Final presentations will be held **virtually (online synchronous)**.
2. Each team will have **10 minutes** for presentation and **15 minutes** for Q&A with the judges.
3. **Presentation slides** should not exceed **20 slides**.
4. Slides should contain **detailed explanations or visuals** to enhance the points made in the full paper.
5. PPT file must be uploaded by **October 27, 2025**.

Assessment Criteria

A. Abstract Assessment Criteria

No.	Indicator	Criteria	Weight
1.	Structure & Formatting	- Follows the required format- Neat formatting and organization- Proper grammar and academic English usage	20%
2.	Originality	- Free from plagiarism- Has not been previously submitted to other competitions- Has not been published anywhere	25%

No.	Indicator	Criteria	Weight
3.	Relevance to Theme	- Clearly aligned with the selected competition theme	25%
4.	Idea & Insight	- Original and novel idea- Supported with logical and scientific reasoning- Shows new understanding of the chosen issue	30%

B. Full Paper Assessment Criteria

No.	Indicator	Criteria	Weight
1.	Structure & Formatting	- Complies with formatting requirements- Proper grammar and spelling- Well-organized and neat layout	10%
2.	Originality	- Free from plagiarism- Not submitted in previous competitions- Not published in any media	20%
3.	Creativity of Ideas	- Creative, innovative, and socially impactful- Originality of the idea- Provides new solutions to unsolved problems- Clarity of idea presentation	25%
4.	Data and Supporting Evidence	- Accuracy of research findings- Relevance of data and information- Analytical and synthesis ability- Novelty of supporting data	20%
5.	Discussion & Conclusion	- Logical analysis and synthesis- Strong and clear conclusion- Potential for application or dissemination of the idea	25%

C. Presentation Assessment Criteria

No.	Indicator	Criteria	Weight
1.	Presentation	- Engaging and clear delivery- Proper use of academic English- Time management- Quality and clarity of PowerPoint slides	60%
2.	Q&A Session	- Understanding of the topic and ability to defend ideas- Confidence and communication skills- Team member contributions	40%

D. Overall Assessment Breakdown

Component	Weight
Full Paper	60%
Presentation	40%

INFO SESSIONS

Please join us in one of the info sessions to hear more from the committee and ask us questions directly.

- May 10, 2025 (Zoom) (09:00 WIB)
- June 8, 2025 (Zoom) (09:00 WIB)

Register at: **bit.ly/konfirmasi-lomba-INTERSECT25**

INVITATION

Download the invitation to your school here:
intersect.id/assets/pdf/invitation-young-researcher-competition-2025.pdf

CONTACT INFO

Feel free to reach out to the committee if you have any questions:

- **Chief Competition Officer**
  Ahmad Azmul Asmar Irfan
  General Affairs Chair-INTERSECT 2025
  Phone/WhatsApp: **+62 823-4931-9668**
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- **General Chair:**
  Mansur M. Arief
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