

Re: Invitation to take part in the Frontiers Planet Prize

Rungkarn Pongpopithak <rungkarnpo@nu.ac.th>
ร่างจดหมาย



จาก: **Gilbert De Gregorio** <gilbert.degregorio@frontiersplanetprize.org>
Date: พ. 8 พ.ค. 2024 เวลา 20:18
Subject: Re: Invitation to take part in the Frontiers Planet Prize
To: rungkarnpo@nu.ac.th <rungkarnpo@nu.ac.th>
Cc: Jean-Claude Burgelman <jean-claude.burgelman@frontiersplanetprize.org>

 Dear Rungkarn,

Many thanks for your email, Jean-Claude and I are pleased to learn that Naresuan University will be participating in the prize! The timeline for the second and third edition of the prize are the same, with the same dates - so you are free to share this as it stands, when you publicize the prize in your institution.

Regarding costs to participating in the prize, allow me to clarify there are no costs associated with registering for the prize, nor putting forward any candidates.

I hope this is clear, looking forward to welcoming you on board!

Best wishes,

Gilbert

Gilbert De Gregorio PhD
Associate Director, Frontiers Planet Prize
Frontiers Research Foundation

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----- Forwarded message -----

From: **Rungkarn Pongpopithak** <rungkarnpo@nu.ac.th>
Date: Tue, May 7, 2024 at 3:30 PM
Subject: Re: Invitation to take part in the Frontiers Planet Prize
To: <jean-claude.burgelman@frontiersplanetprize.org>
Cc: Ruangarm Wongbandit <ruangarmw@nu.ac.th>

Dear Dr. Burgelman,

Greetings from Naresuan University.

I assigned from the president to publicize about the 3rd edition of the Frontiers Planet Prize, I have few inquiries to ensure the material is correct.

๒ เรียน อธิการบดี

The Frontiers Research Foundation ขอเชิญชวน นักวิจัยส่งผลงานเข้าร่วมเพื่อคัดเลือกการรับรางวัล the 3rd Edition of the Frontiers Planer Prize ผู้ที่ได้รับการคัดเลือกจะมีการมอบรางวัลในงาน Villars Symposium 2024 ระหว่างวันที่ 25-28 มิถุนายน 2567 ณ Villars Institute ตั้งอยู่ในเทือกเขาแอลป์ ของสวิสในวิลลาร์-ซูร์-โอลง ประเทศสวิตเซอร์แลนด์ โดยมีขอบเขต ในการส่งผลงานวิจัยดังต่อไปนี้

1. การสูญเสียโอโซนในชั้นสตราโตสเฟียร์ (Stratospheric ozone depletion)
2. การทำลายระบบนิเวศและความหลากหลายทางชีวภาพ (Loss of biosphere integrity)
3. มลพิษทางเคมี (Chemical pollution)
4. การเปลี่ยนแปลงของสภาพอากาศ (Climate change)
5. ความเป็นกรดในมหาสมุทร (Ocean acidification)
6. การบริหารจัดการน้ำ (Freshwater consumption)
7. การเปลี่ยนแปลงระบบนิเวศทางบก (Land system change)
8. สสารใหม่ (Novel entities)
9. ภาวะฝุ่นละอองในอากาศ (Atmospheric aerosol loading)

ทั้งนี้ เกณฑ์การพิจารณานักวิจัยจะต้องมีผลงานไม่เกิน 2 ปี ก่อนการส่งผลงาน โดยทางมูลนิธิยินดีรับผลงานทุกสาขาวิชา ที่มีขอบเขตข้างต้น โดยเกณฑ์การตัดสินจะมีนักวิจัยที่มีชื่อเสียง ด้านความยั่งยืน จำนวน 100 ท่าน เป็นกรรมการในการตัดสิน โดยจะตัดสินผลงานวิจัยในระดับประเทศก่อน แล้วจะพิจารณา ผลงานในระดับนานาชาติ 3 ผลงานสุดท้าย โดยผลงานที่ได้รับการคัดเลือกในระดับนานาชาติ 3 ผลงานสุดท้าย จะได้รับเงินรางวัล จำนวน 1,000,000 ฟรังก์สวิส เพื่อสนับสนุนผลงานวิจัยไปต่อยอด และเผยแพร่ผลงานวิจัยต่อไป โดยสามารถส่งผลงานได้ถึงวันที่ 31 พฤษภาคม 2567 (รายละเอียดตามเอกสารแนบ)

จึงเรียนมาเพื่อโปรดพิจารณา และเห็นควรเวียนแจ้ง คณะและวิทยาลัยเพื่อประชาสัมพันธ์ต่อไป



เว็บไซต์สำหรับการส่งผลงาน

อุบลรัตน์
9 พ.ค. 2567

9 พค 67

ลงชื่อ

(ผู้ช่วยศาสตราจารย์ ดร.ภาณุ พุทธิวงศ์)
รองอธิการบดีฝ่ายบริหาร ปฏิบัติราชการแทน
อธิการบดีมหาวิทยาลัยนเรศวร

วันที่

ลงชื่อ

(นายสุภัทรภรณ์ เฟื่องปรำรงค์)

ผู้อำนวยการกองพัฒนาภาษาและกิจการต่างประเทศ

วันที่ ๙ พฤษภาคม ๒๕๖๗

1. I read the brochure about the 3rd edition of the Frontiers Planet Prize, I remark the timeline is the 2nd edition of the Frontiers Planet Prize. Could you please send a new timeline for the prize? I will publicize as soon as possible.

2. I'd like to know how much it will cost to send the candidate proposal and other details so that researchers may determine to apply.

I hope to hear from you soon.

Sincerely Yours,

Rungkarn Pongpopithak (Beam)
Division of International Affairs and Language Development (DIALD),
Naresuan University
Tel. (+66) 5596 1640

From: Prof Dr Jean-Claude Burgelman <jean-claude.burgelman@frontiersplanetprize.org>
Date: 1 May BE 2567 at 14:41:47 GMT+7
To: Sarintip Tantanee <sarintipt@nu.ac.th>
Subject: Invitation to take part in the Frontiers Planet Prize

You did not receive an email from jean-claude.burgelman@frontiersplanetprize.org often. Learn why it's important .

Dear Assoc. Prof. Dr Tantanee,

On behalf of the Frontiers Research Foundation, I am delighted to invite Naresuan University to participate in the 3rd edition of the Frontiers Planet Prize as a National Nominating Body, within Thailand.

The Frontiers Planet Prize is an international science competition where three prizes of 1 million Swiss francs are offered to exceptional scientists whose work actively contributes to establishing pathways for solutions to keep humanity within the 9 planetary boundaries – a framework to safeguard our planetary health, as put forward by Prof Johan Rockström from the Potsdam Institute of Climate Change, Germany.

The inaugural edition of the Frontiers Planet Prize made its debut on Earth Day 2022 and achieved remarkable success with 233 institutions initially participating (learn more through the first year progress report). The 2nd edition saw further engagement from the academic community, where a total of 475 universities and 20 national academies registered to participate, with a Jury comprising 100 planetary boundary scientists, led by Professor Johan Rockström as Chairman. Operating in complete independence, their evaluations led to the awarding of 23 National Champions, unveiled on Earth Day 22 April for the 2nd Edition! This year's cohort of National Champions can be found on our website and linkedin. The announcement of the 3 International Champions, each of whom will receive 1 million Swiss Francs each, will be made on 26th June, during the awards ceremony, in Switzerland.

Given Naresuan University's active research activity in planetary and earth system science, we would be pleased to have your institution participate in the upcoming 3rd edition. As a National Nominating Body (NNB), your role would be to identify and nominate scientists from your institution whose work fulfils the prize's criteria and submit up to three nominations to the National Representative Body of your country this fall.

To ensure your institution has sufficient time to identify these scientists and submit your three nominations by 1st November, we suggest registering by **31st May**. Once your institution has registered, our team will be in contact regarding the next steps.

To learn more about the prize, the timeline and the requirements to help your institution move forward, please find a series of links below:

- Download the brochure to learn more about the prize
- Register your Institution here

Your institution's participation in the 3rd Edition of the Frontiers Planet Prize would highlight the importance of supporting the most impactful science that offers pathways for scalable solutions, and commend the research excellence demonstrated by your esteemed scientists and nation.

Together we can mobilize science for a global green renaissance.

Thank you for considering this invitation, and we look forward to your participation in this esteemed competition.

Best regards,

Prof Dr Jean-Claude Burgelman,
Director, Frontiers Planet Prize

&

Dr Gilbert De Gregorio
Associate Director, Frontiers Planet Prize

Frontiers Planet Prize 3rd Edition

Mobilizing science for a
global green renaissance



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Mission

The Earth's system is rapidly approaching, and in some cases, exceeding its planetary boundaries. There is a broad consensus amongst scientists that human activities are the main cause and that the time needed to protect and restore planetary health is slipping away.

Pulling back from these boundaries, averting tipping points and critical thresholds, will require new urgency from societal institutions and leaders across the world. To secure a healthy planet we will need a deep understanding on the mechanics of our earth system, as well as scientific solutions – and action – at pace and at scale.

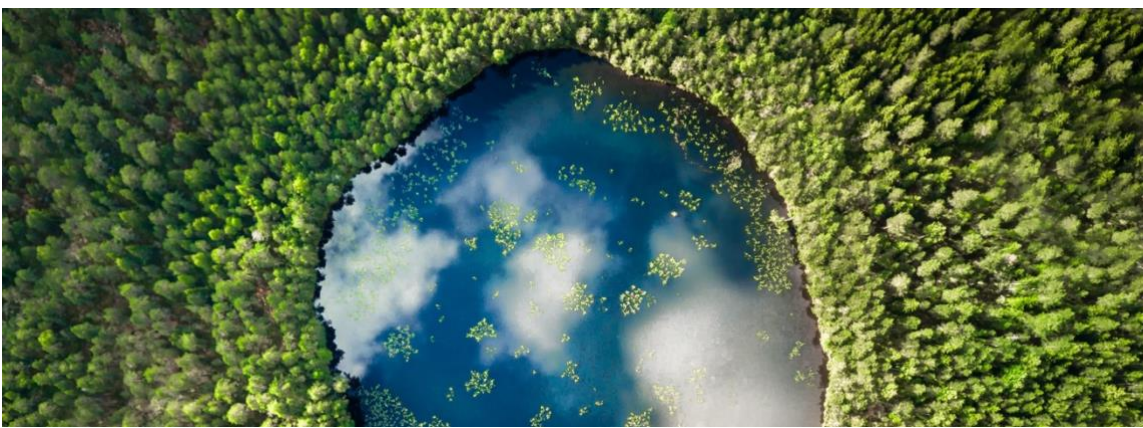
To spark a race for breakthroughs in how we can stay within these planetary boundaries, the [Frontiers Research Foundation](#) launched a new international science competition in 2022. It has the simple but significant ambition to directly address the planetary crisis, by mobilizing the scientific community engaged in breakthrough research with the greatest potential to stabilize the planet's ecosystem.

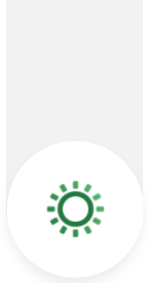
The prize aims to emulate the passion and pride of the Olympic Games by unleashing the competitive spirit of researchers – who are supported by their universities and nations – to get the world to sit up, listen, and act on the profound planetary environmental threats we face.

Launched on Earth Day 2022, the inaugural edition of the prize engaged 233 institutions, and 13 national academies of science, and the Jury of 100, who worked independently in nominating and recognizing 20 National Champions, and 4 International Champions. The latter were awarded CHF 3 million, to accelerate their research.

On Earth Day 2023, the second edition was launched, doubling engagement with [475 institutions registered](#), supported by [20 national academies](#) of science.

Earth Day 2024, marks the announcement of the National Champions, from the second edition, and the launch of the third edition of the prize. It has the same mission: to recognize, encourage, and reward exceptional scientists whose work contributes to help navigate and secure humanity's future in the Anthropocene.





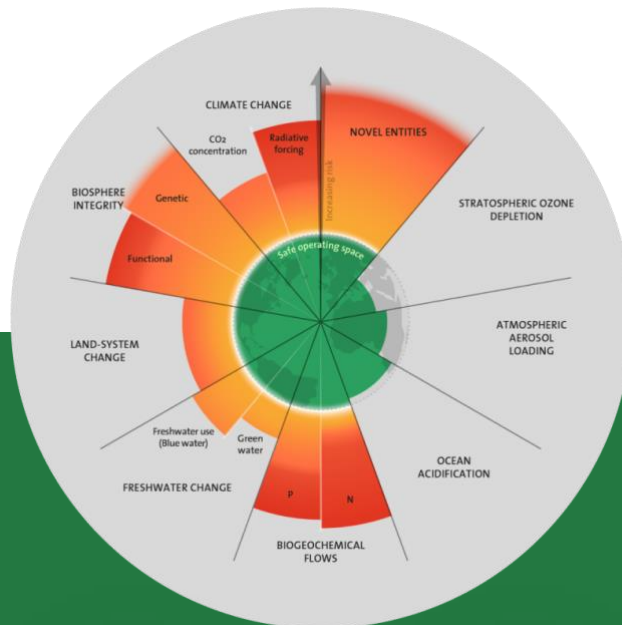
Context

Earth system scientists have identified nine planetary boundaries from which runaway changes to the planet become irreversible. The Frontiers Planet Prize is fully aligned in addressing these planetary boundaries.

These planetary boundaries have been described in detail by Johan Rockström and Owen Gaffney in their book and documentary on *Breaking Boundaries*. Planetary boundaries paint a clear picture of the challenges humanity faces and we believe they should spur a call to action. The Frontiers Research Foundation is rallying behind that call.

The prize will honor research – published in peer-reviewed journals over the past 2 calendar years prior to the launch of each edition– that has the greatest potential to help keep the earth system within these boundaries, while contributing to our understanding of each boundary. It is awarded by the Frontiers Research Foundation, a not-for-profit foundation based in Switzerland.

All domains of science will be considered, as long as they contribute to a better understanding of the planetary boundaries and present scalable breakthroughs leading to solutions to safeguard the planet. To understand the planetary boundaries, the focus can be, for example, a deeper understanding of the interactions and feedbacks defining planetary boundaries; the implications of inaction for the state and resilience of the Earth’s system; or planetary justice that opens transformative pathways for a world developing within planetary boundaries.



Spark an international competition that accelerates scientific breakthroughs in planetary boundary science worldwide



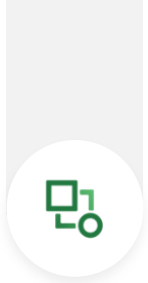
Catalyse funders, foundations, and philanthropists to join forces with each other and step up their efforts in supporting planetary boundary science



Amplify collaboration among scientists and institutions in planetary boundary science



Accelerate the adoption of scientific breakthroughs in planetary boundary science by public and private stakeholders



Process

The Frontiers Planet Prize aims to combat the planetary crisis at a global level by fostering a passionate competition between scientists, universities, and nations to fund and develop science that provides real solutions to the global environmental threats we face.

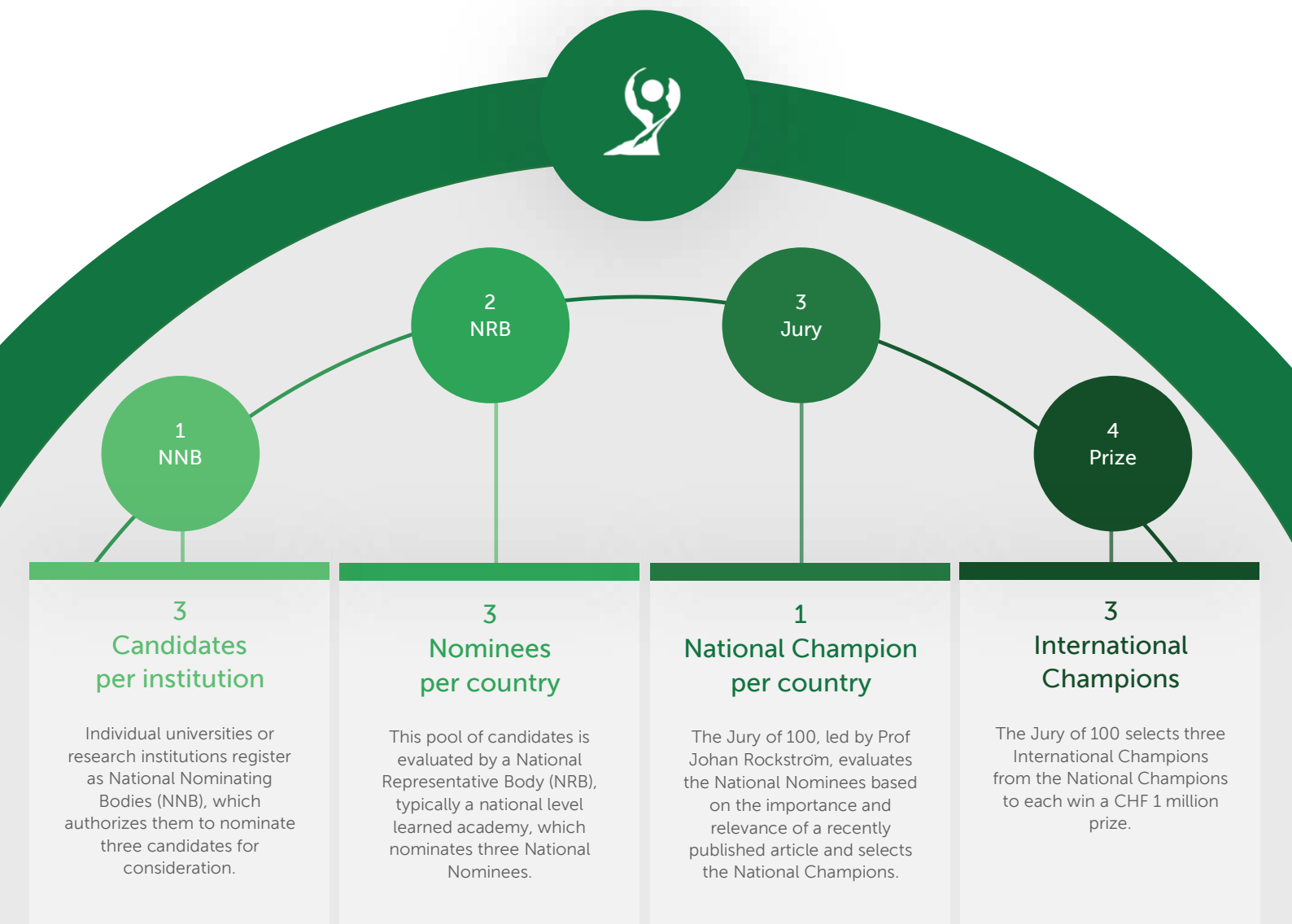
All invited universities and research institutions register with us as a National Nominating Body (NNB), which opens Prize eligibility to their institution. The NNB committee then reaches out to the lead scientists of the most promising research articles and invite them to apply via the application form supplied by the Frontiers Research Foundation.

From the applications received, the National Nominating Body will select and forward its top three candidates to the national academic institution serving as its National Representative Body (NRB). The deadline for NNBs to submit their nominations to their NRB is 1st November 2024.

From this pool of candidates, the National Representative Body will select three National Nominees to submit to the Planet Prize Jury of 100 before December 1st.

The international Jury of 100, chaired by Professor Johan Rockström, will evaluate these National Nominees based on the importance and relevance of their proposed breakthrough solution or insight. The jury will vote for one National Champion from each participating country, and then from among these selected National Champions, it will vote for the International Champions to win the 2025 Frontiers Planet Prizes. Note that while all countries that participate are eligible to have a National Champion, this decision, as well as the selection, is managed by the Jury of 100.

The National Champions will be announced on Earth Day 2025 (22nd April). The International Champions will be announced at the Award Ceremony taking place in Spring 2025.





Timeline



May – October

The NNBs and NRBs register with the Frontiers Planet Prize



June – October

Each NNB reaches out to the lead scientists of the promising research articles, and invites them to apply



October – November

Each NNB submits 3 Nominations to their NRB
Deadline: 1 November 2024



November – December

Each NRB submits 3 National Nominations to the Jury of 100
Deadline: 1 December 2024



December – February 2025

The Jury of 100 reviews the applications and votes to select the National and International Champions



22 April 2025

The official announcement of the National Champions is made on Earth Day



June 2025

The official announcement of the International Champions is made during the Award Ceremony taking place in Spring 2025

Scientific criteria

The Frontiers Planet Prize will be awarded to the best research published in established peer-reviewed scientific journals, with robust peer review and transparent publication procedures. The acceptance date of the article must fall within the 2 years prior to the launch of the competition (date of acceptance: 1 November 2022 to 31 October 2024). Scientific excellence is the default principle to participate in the Frontiers Planet Prize. The Frontiers Planet Prize accepts articles published in scientific journals from all around the world with robust peer review and transparent publication procedures.

We welcome breakthrough science across all disciplines on condition it is focused on Planetary Boundaries and presents original research findings or insightful reviews and syntheses.

For contributions to be considered for the Frontiers Planet Prize, the following criteria must be met (recognizing that each may be fulfilled to varying degrees):



The research outlines systemic solutions or pathways that can be implemented in policies, adapted commercially, or otherwise contribute to keep global development within Planetary Boundaries.



The research advances the scientific understanding and quantification of Planetary Boundaries. It explores how Planetary Boundaries are affected or impact life support systems/the Earth system or investigates the implications of adopting Planetary Boundaries thinking across disciplines, sectors and activities/applications



The research must connect to several Planetary Boundaries at the Earth system scale. Research that explores interactions/relations between multiple Planetary Boundaries will be prioritized.

Jury mandate

The Frontiers Planet Prize Jury of 100 will decide in full autonomy on the selection of the National Champions, and the International Champions. This means the Jury's task is twofold:

1. After receiving three nominations from each National Representative Body, the Jury of 100 votes for the best scientific contribution in each participating country.
2. During a second round of voting, the Jury of 100 will then select three International Champions, from among the National Champion cohort.

The Jury of 100 works as an independent community of planetary boundary experts.

In the case of any conflicts of interest, jury members will be asked to declare their conflict and abstain during any proceedings related to a specific contribution. Note the Frontiers Planet Prize does not guarantee a National Champion for each participating country. This decision, along with the selection process, is managed independently by the jury of 100.

Mobilizing science for a
global green renaissance

Prof Dr Jean-Claude Burgelman,
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