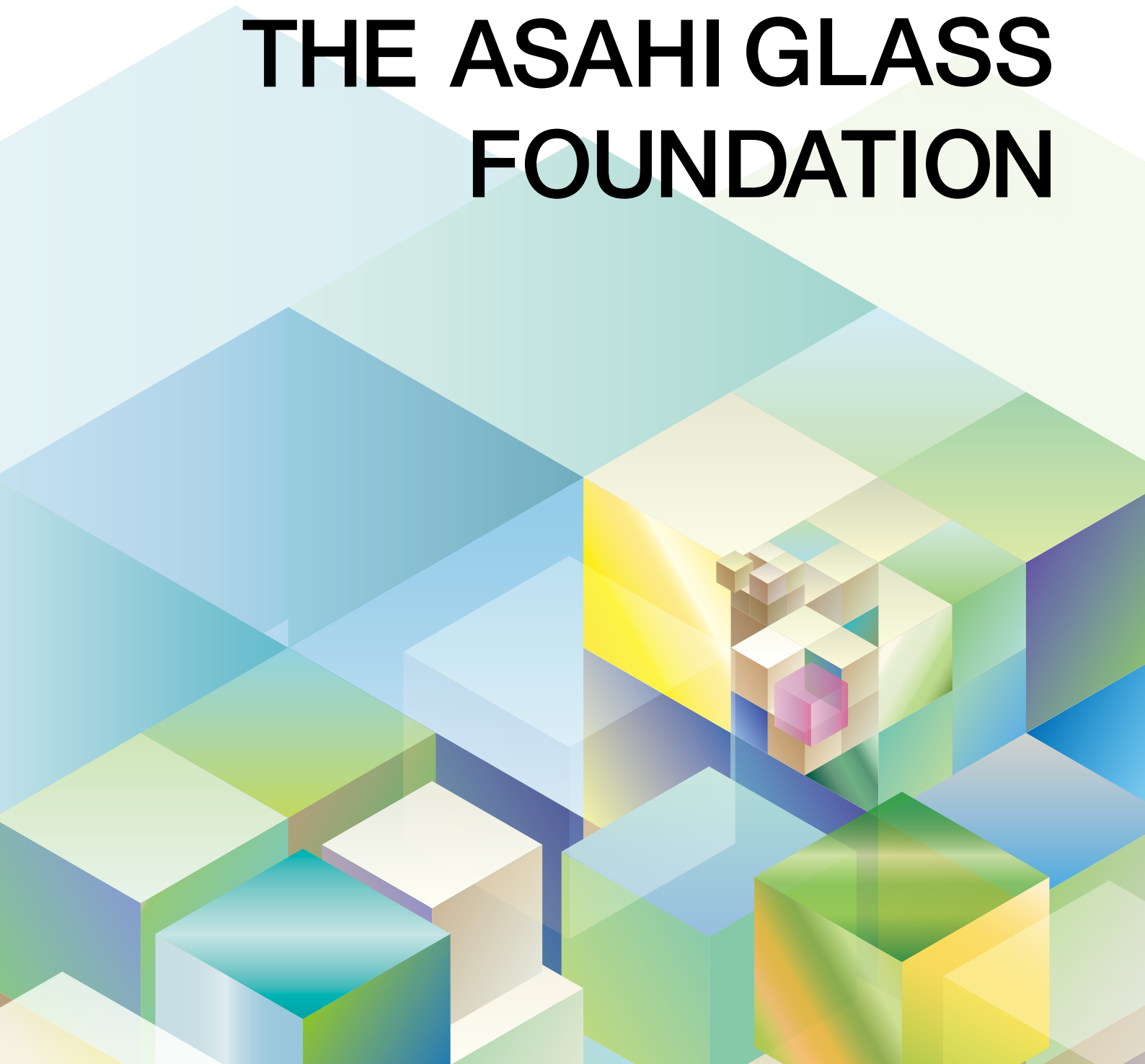


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THE ASAHI GLASS FOUNDATION

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FOUNDATION**



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Profile

Mission

The Asahi Glass Foundation strives to contribute to the creation of a society that can transmit the genuine wealth of human civilization by supporting advanced research and outstanding students, in addition by recognizing efforts to solve environmental issues that call for global solutions.

History

The Asahi Glass Foundation was established in 1933 as the Asahi Foundation for Chemical Industry Promotion, to commemorate the twenty-fifth anniversary (1932) of the founding of Asahi Glass Co., Ltd. Over more than half a century, the Foundation focused primarily on fostering research in the field of applied chemistry.

In 1990, the Foundation undertook an overall redesign of its programs, expanding the scope of its activities and establishing its commendation program. At the same time it was renamed the Asahi Glass Foundation.

In 2018, the Foundation received the scholarship program due to the merger with the Asahi Glass Scholarship Foundation (AGSF). AGSF established in 1957. Since then, the AGSF provided scholarships to superior Japanese students who are in need of economic assistance. In addition, the international students in Japan became eligible in 1990. In 2012, its target was expanded to the high school students who were affected by the Great East Japan Earthquake.

Milestones

1933	The Asahi Foundation for Chemical Industry Promotion was established to commemorate the twenty-fifth anniversary of the founding of Asahi Glass Co., Ltd. (1932)	1997	<i>A Better Future for the Planet Earth</i> published, commemorating the fifth anniversary of the Blue Planet Prize (every 5 years' publish since then)
1934	Recognized as the Asahi Foundation for Chemical Industry Promotion, a non-profit organization, it begins providing grants to university researchers in applied chemistry	2002	10th anniversary commemorative lectures held.
1957	AGSF was established to commemorate the 50th anniversary of the founding of Asahi Glass Co., Ltd. (1932)*	2006	First "Round Table Conference on Global Environment Problems" held
1958	AGSF begins scholarship program for Japanese students*	2008	Begins grant programs including "Continuation Grants for Young Researchers" and "Continuation Grants for Outstanding Projects".
1961	Name is changed to the Asahi Glass Foundation for Industrial Technology	2009	Publishes <i>Our Vision: Conditions for Survival</i> ; English, Chinese, Korean, Arabic and French versions followed in 2010-15 Becomes a Public Interest Incorporated Foundation as of December 1
1982	Grants begin in support of Chulalongkorn University, Thailand	2010	Begins new grant program "Environmental Research: The Kondo Grant" Publishes <i>Conditions for Survival - Toward a "Solar Energy-Based Society" Full of Vibrant Life</i>
1988	Grants begin in support of Institut Teknologi Bandung, Indonesia	2011	Symposium <i>Conditions for Survival</i> held
1990	Renamed the Asahi Glass Foundation AGSF begins scholarship program for international students in Japan*	2012	Grants begin in support of King Mongkut's University of Technology Thonburi, Thailand The Blue Planet Prize laureates jointly presented a paper titled <i>Environment and Development Challenges: The Imperative to Act</i> AGSF begins scholarship program for students affected by the Great East Japan Earthquake*
1991	Diversifies its research programs in the natural sciences	2013	Begins grantees from the technical colleges
1992	Begins providing research grants in the fields of humanities and social sciences Blue Planet Prize established, held the first awards ceremony and commemorative lectures, which subsequently become annual events Conducts its first survey, "Questionnaire on Environmental Problems and the Survival of Humankind," which also becomes an annual activity	2014	Publishes <i>Environment and Development Challenges</i>
1993	Inaugural seminar held to present findings from Asahi Glass Foundation-assisted research, now an annual event	2017	+25 years commemorative conference of the establishment of The Blue Planet Prize held
1994	Publishes <i>Zaidan 60 nen no ayumi</i> , a history of its 60 years, in Japanese	2018	Begins the scholarship program due to the merger with AGSF

*Program of the Asahi Glass Scholarship Foundation (AGSF)

Programs

Research Grant Program

Grants are awarded to researchers in universities in Japan (Natural Sciences/Humanities and Social Sciences), Thailand and Indonesia (Natural Sciences). To date, the Foundation has awarded ¥10.3 billion in research grants to approximately 5,000 projects.

Scholarship Program

The scholarship program for Japanese and international students in designated graduate schools in Japan. To date, a total of 2.9 billion yen scholarship has benefited 3,800 Japanese students and 250 international students.

Commendation Program

Awarding of the Blue Planet Prize, an international environmental award, and the annual survey on the global environment, have been conducted since 1992. Based on the results of the survey, the Environmental Doomsday Clock is reset every year.

The activities of the Foundation have focused on its grant, scholarship and commendation programs.

Financial Information

Total Net Assets as of February 28, 2018: 32.2 billion

Operating expenses in Fiscal 2017: ¥695 million

Directors & Councillors (May, 2018)

Directors

Chairman

Kazuhiko Ishimura

Director Chairman, Asahi Glass Co., Ltd.

Senior Executive Director

Hiroyuki Watanabe

Former Executive Officer, General Manager of New Product R&D Center, Technology General Division, Asahi Glass Co., Ltd.

Trustees

Yoshiki Chujo

Professor Emeritus, Kyoto University

Yoshihiro Hayashi

President/ Director General, National Museum of Nature and Science; Professor Emeritus, The University of Tokyo

Kimihiko Hirao

RIKEN Advisor, RIKEN Center for Computational Science; Former Executive Vice President, The University of Tokyo

Tisato Kajiyama

Chairman, Board of Trustees, and President Fukuoka Women's University; Professor Emeritus, Former President, Kyushu University

Yukiharu Kodama

President, The Mechanical Social Systems Foundation; Former Administrative Vice-minister of International Trade and Industry

Takamitsu Kumasaka

Chairman & CEO, THE SANKEI SHIMBUN

Keisuke Kurita

Former President, Seikei University

Masayoshi Mishina

Visiting Professor, Ritsumeikan University; Professor Emeritus, The University of Tokyo

Hideo Miyahara

Professor Emeritus, former President, Osaka University

Akio Morishima

Director General, Japan Environment Association; Professor Emeritus, Nagoya University

Norihiro Nakai

Professor, Tokyo Institute of Technology

Ryoji Noyori

Director-General, Center for Research and Development Strategy, Japan Science and Technology Agency

Ayumi Onuma

Professor, Keio University

Takuya Shimamura

Representative Director, President & CEO, Asahi Glass Co., Ltd.

Katsuhiko Shirai

Honorary Advisor, Waseda University

Seigo Tarucha

Professor, The University of Tokyo

Hiroshi Yoshikawa

Professor, Ritsyo University; Professor Emeritus, The University of Tokyo

Hiroyuki Yoshikawa

Principal Fellow, Japan Science and Technology Agency; Member of Japan Academy; Former President, Science Council of Japan; Former President, The University of Tokyo

Auditors

Katsunori Nagayasu

Senior Advisor, MUFG Bank, Ltd.

Takashi Terashima

Former Corporate Auditor, Asahi Glass Co., Ltd.

Tatsuo Wakabayashi

Chairman, Mitsubishi UFJ Trust and Banking Corporation

Councillors

Masuo Aizawa

Professor Emeritus, former President, Tokyo Institute of Technology

Yohichi Gohshi

Former President, National Institute for Environmental Studies; Professor Emeritus, The University of Tokyo

Yoshinori Hirai

Representative Director, Executive Vice President & CTO, Asahi Glass Co., Ltd.

Kenichi Iga

Professor Emeritus, former President, Tokyo Institute of Technology

Michiko Imai

Director, Le Verseau Inc.

Ryozo Kato

Former Ambassador to the United States of America

Hiroshi Komiyama

Chairman, Mitsubishi Research Institute, Inc.; Former President, The University of Tokyo

Minoru Makihara

Senior Corporate Advisor, former Chairman, Mitsubishi Corporation

Kenji Matsuo

Senior Advisor, Meiji Yasuda Life Insurance Company

Shinji Miyaji

Representative Director, Executive Vice President & CFO, Asahi Glass Co., Ltd.

Mamoru Mohri

Chief Executive Director, Astronaut, National Museum of Emerging Science and Innovation

Keiko Nakamura

Director General, JT Biohistory Research Hall

Shigeo Nishimura

Professor Emeritus, Kyushu University

Hitoshi Osaki

Special Advisor to the President, National Institutes for the Humanities; Former Commissioner for Cultural Affairs

Niro Shimada

Former Chief Justice, the Supreme Court of Japan

Kazuo Tsukuda

Senior Executive Advisor, Mitsubishi Heavy Industries, Ltd.

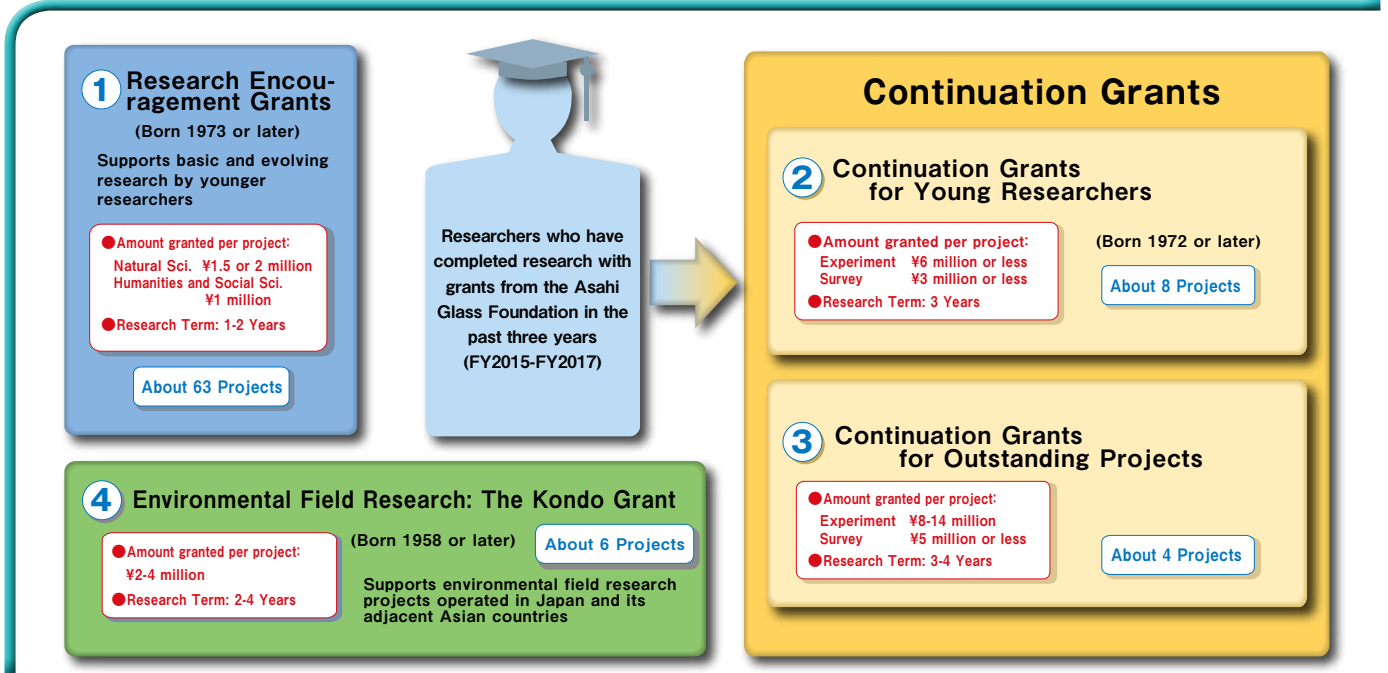
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Research Grant Program

The Asahi Glass Foundation supports original research in the natural sciences that seeks to build the foundations for the next generation society, as well as original research in the humanities and social sciences that contributes to sustainable solutions for the critical issues that confront society.

Research Grants in Japan

Applications for research grants for 2019 in Japan are accepted for the four programs outlined below.



Program Overview (in Japan)

[Eligibility]

Full-time researchers in universities in Japan, including their affiliated research laboratories and technical colleges, who are playing a leading role in research. Fixed-term researchers may apply under guidelines provided by the Foundation.

[Categories]

Natural Sciences 1: Chemistry & Life Sciences

Natural Sciences 2: Physics & Information

Natural Sciences 3: Architecture & Urban Engineering

Humanities and Social Sciences: Realizing Sustainable Society

Environmental Field Research: Supports environmental field research projects operated in Japan and its adjacent Asian countries

[Screening]

Awardees are chosen by the Selection Committee in each category based on a review of written applications and interviews with applicants. Research Encouragement Grants are awarded on the basis of a review of written applications only.

[Information for Applicants]

Information for new applicants is published at the end of July every year. The application documents (in Japanese) are available for download from our website. The deadlines for the application are in August-September (Deadlines vary with the program and the field).

Overseas Research Grants [Chulalongkorn University(CU), King Mongkut's University of Technology Thonburi(KMUTT), and Institut Teknologi Bandung(ITB)]

The Asahi Glass Foundation supports research in the natural sciences recommended by the respective institution. Applications are accepted in a broad range of categories, from basic surveys to industrial applications.

Research Grant Presentation Ceremony & Seminar on Research Findings (Japan, Thailand & Indonesia)

In Japan, the presentation ceremony takes place in June each year with a seminar of findings in July-August. In Thailand and Indonesia, both the ceremony and the seminar of findings are held in June-August.



Japan



CU(Thailand)



KMUTT(Thailand)



ITB(Indonesia)

Selection Committee (May, 2018)

Natural Sciences, Category 1

<u>Masayoshi Mishina</u>	Visiting Professor, Ritsumeikan University; Professor Emeritus, The University of Tokyo
Kazunori Kataoka	Director General, Innovation Center of Nano Medicine, Institute of Industry Promotion- Kawasaki; Professor, The University of Tokyo
Takashi Kato	Professor, The University of Tokyo
Keiko Nishikawa	Inspector General, Japan Society for the Promotion of Science; Professor Emeritus, Chiba University
Makoto Nishiyama	Professor, The University of Tokyo
Setsuhisa Tanabe	Professor, Kyoto University
Manabu Tokeshi	Professor, Hokkaido University
Jun-ichi Yoshida	President, National Institute of Technology, Suzu- ka College; Professor Emeritus, Kyoto University

Natural Sciences, Category 2

<u>Seigo Tarucha</u>	Professor, The University of Tokyo
Mutsuko Hatano	Professor, Tokyo Institute of Technology
Hiroshi Imai	Professor, The University of Tokyo

Ryutaro Maeda	Researcher Emeritus, National Institute of Advanced Industrial Science and Technology; Technical Advisor, Nano Craft Technologies Co.
Koki Takanashi	Professor, Tohoku University

Natural Sciences, Category 3

<u>Norihiro Nakai</u>	Professor, Tokyo Institute of Technology
Kazunobu Minami	Professor, Shibaura Institute of Technology
Satoru Sadohara	Professor, Yokohama National University

Humanities and Social Sciences

<u>Ayumi Onuma</u>	Professor, Keio University
Norichika Kanie	Professor, Keio University
Tadashi Otsuka	Professor, Waseda University
Ikuya Sato	Professor, Doshisha University

Environmental Field Research

<u>Izumi Washitani</u>	Professor, Chuo University; Professor Emeritus, The University of Tokyo
Makoto Kato	Professor, Kyoto University
Atsushi Tsunekawa	Professor, Tottori University

(Underlining denotes committee chairs)

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Scholarship Program

The Asahi Glass Foundation provides scholarships to outstanding students to foster superior human resources who are responsible for advancing and improving industries, economics and society.

Program Overview

[Application of Scholarship]

Entries are accepted only through recommendation from the designated graduate schools from March to May every year. Direct application from the student is not accepted.

[Scholarship Program for Japanese Students] (Each 15 students per year)

Scholarship for Japanese students in the master's and doctoral course in designated graduate schools in Japan. Master Students: 40,000 yen / month, Doctor Students: 100,000 yen / month.

[Scholarship Program for International Students in Japan] (14 students per year)

Scholarship for international students from Kingdom of Thailand, Republic of Indonesia, People's Republic of China, Republic of Korea who are enrolled in the master's and doctoral courses in designated graduate schools in Japan. All the students: 100,000 yen / month.

[Scholarship Program for Students affected by the Great East Japan Earthquake] (New recruitment is over)

Scholarship for high school students in Iwate, Miyagi and Fukushima prefectures who were affected by the Great East Japan Earthquake. High school students: 200,000 yen / year, University students: 300,000 yen / year.

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Commendation Program: The Blue Planet Prize



The Blue Planet Prize is an annual award given in recognition of individuals and organizations that have made major contributions to solving global environmental problems. The Foundation wishes to express its appreciation for the achievements of the winners, as well as to encourage the search for solutions to environmental issues throughout the world.

The symbol of the Blue Planet Prize represents our responsibilities to our fragile home. It is a symbol of hope for our children, of coexistence and interrelation with our environment. This design depicts the dynamic connection and balance among all elements of our world: the pristine blue sky and sea, people, nature, and the universe.



Outline

Nominations are solicited between August and October of each year from nominators in Japan and overseas. As a general rule, two recipients are chosen each year. In June of the following year, the winners are announced and are invited to Tokyo in the autumn for the awards ceremony and commemorative lectures. Each recipient is presented with a certificate of merit, a commemorative trophy and a supplementary award of ¥50 million.

Fields for Recognition

The prize recognizes outstanding achievement that offers a clear vision for the realization of a sustainable society by contributing significantly in observation, analysis, prediction, assessment, remediation, and practice for realizing conservation and restoration of the global environment toward the solution of all aspects of global environmental problems.

Laureates

1992	Dr. Syukuro Manabe (USA) International Institute for Environment and Development (UK)	2001	Lord (Robert) May of Oxford (Australia) Dr. Norman Myers (UK)	2011	Dr. Jane Lubchenco (USA) Barefoot College (India)
1993	Dr. Charles D. Keeling (USA) IUCN—The World Conservation Union (headquartered in Switzerland)	2002	Dr. Harold A. Mooney (USA) Professor J. Gustave Speth (USA)	2012	Professor William E. Rees (Canada) and Dr. Mathis Wackernagel (Switzerland) Dr. Thomas E. Lovejoy (USA)
1994	Professor Dr. Eugen Seibold (Germany) Mr. Lester R. Brown (USA)	2003	Dr. Gene E. Likens (USA) and Dr. F. Herbert Bormann (USA) Dr. Vo Quy (Vietnam)	2013	Dr. Taroh Matsuno (Japan) Professor Daniel Sperling (USA)
1995	Dr. Bert Bolin (Sweden) Mr. Maurice F. Strong (Canada)	2004	Dr. Susan Solomon (USA) Dr. Gro Harlem Brundtland (Norway)	2014	Prof. Herman Daly (USA) Prof. Daniel H. Janzen (USA) and Costa Rican National Bio- diversity Institute (Costa Rica)
1996	Dr. Wallace S. Broecker (USA) The M.S. Swaminathan Research Foundation (India)	2005	Professor Sir Nicholas Shackleton (UK) Dr. Gordon Hisashi Sato (USA)	2015	Professor Sir Partha Dasgupta FBA FRS (UK) Professor Jeffrey D. Sachs (USA)
1997	Dr. James E. Lovelock (UK) Conservation International (headquartered in the USA)	2006	Dr. Akira Miyawaki (Japan) Dr. Emil Salim (Indonesia)	2016	Mr. Pavan Sukhdev (India) Prof. Markus Bomer (Switzerland)
1998	Professor Mikhail I. Budyko (Russia) Mr. David R. Brower (USA)	2007	Professor Joseph L. Sax (USA) Dr. Amory B. Lovins (USA)	2017	Prof. Hans J. Schellnhuber (Germany) Prof. Gretchen C. Daily (USA)
1999	Dr. Paul R. Ehrlich (USA) Professor Qu Geping (China)	2008	Dr. Claude Lorius (France) Professor José Goldemberg (Brazil)	2018	Prof. Brian Walker (Australia) Prof. Malin Falkenmark (Sweden)
2000	Dr. Theo Colborn (USA) Dr. Karl-Henrik Robert (Sweden)	2009	Professor Hirofumi Uzawa (Japan) Lord Nicholas Stern of Brentford (UK)		
		2010	Dr. James Hansen (USA) Dr. Robert Watson (UK)		

Awards Ceremony

The winners are invited to Tokyo for the awards ceremony and commemorative lectures in the autumn.



Dr. Hayashi introduces award winners

Commemorative Lectures

Each winner gives a lecture, followed by a question and answer session moderated by a coordinator.



Lecture



A question and answer session

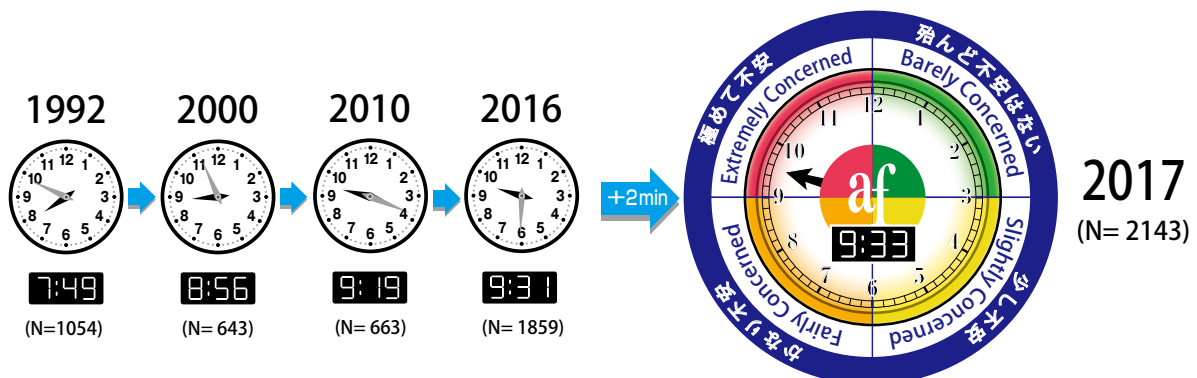
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Questionnaire on Environmental Problems and the Survival of Humankind

Global measures are essential for the preservation of the Earth's natural environment. These measures in turn require greater understanding among people all over the world for the need to resolve environmental problems and the fostering of cooperative relationships among people. With this purpose in mind, since 1992 the Foundation has annually surveyed government and private-sector organizations worldwide through its "Questionnaire on Environmental Problems and the Survival of Humankind." The views and comments of the experts who respond are compiled, analyzed, and published.

The Environmental Doomsday Clock

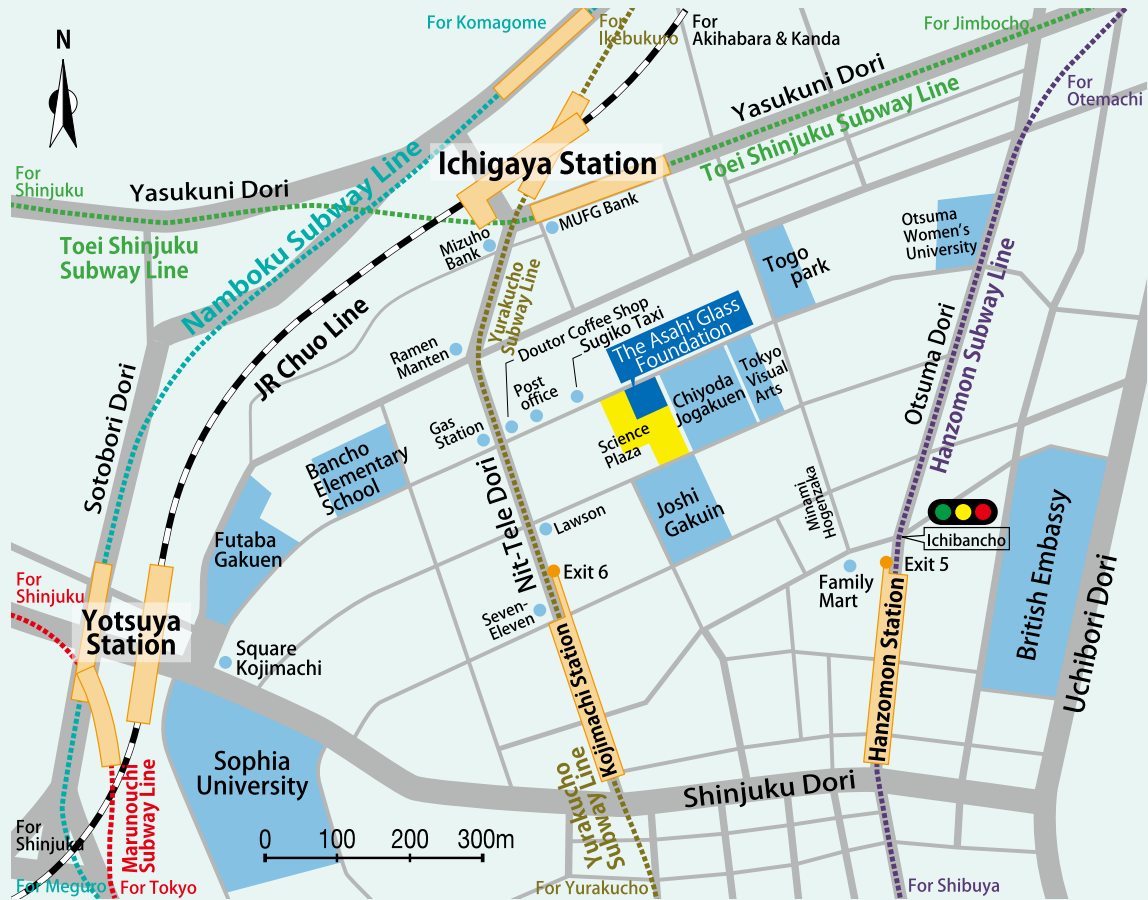
Each year the Foundation conducts a survey of the sense of crisis felt by respondents about the survival of the human race as the global environment continues to deteriorate, gauging the responses with the time expressed on the hands of the Environmental Doomsday Clock created by the Foundation. Overall, the time on the Environmental Doomsday Clock was 9:33, an advancement of 2 minutes from last year, and comes to the same most advanced time in the past (2008).



Facts about the Survey

Survey period: Each year, questionnaires are sent out in April and collected in June.

Sample: Environmental experts selected from members of government organizations, academic and research institutions, NGOs, and corporations (based on the Asahi Glass Foundation database).



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