Where is it on campus? See the map on the back to find it out.



iversity President Seiichi Matsuo being handed a trophy at the award nony for the Grand Prize for the Global Environment Award held with Prince and Princess Akishino in attendance.

At Nagoya University, we are advancing our world-class education, research, and public engagement efforts with sustainable development in mind. Across our operations, the entire university community is working together to reduce energy consumption. Our wideranging efforts are receiving a great deal of recognition, resulted in winning five awards, including the Grand Prize for the Global Environment Award and the Energy Conservation Grand Prize, in 2017. The energy conservation and CO₂ reduction initiatives that won us the awards are introduced here in special feature articles

(Featured on P7-11 of the Report)



by the recipient of the Energy Conservation Grand Prize

Let's learn more about Nagoya University's environmental impacts

Material Balance

We are working hard to reduce our ecological footprint by collecting and analyzing data of the environmental impacts of our activities (education, research, and medical services). The figure below shows the input of natural resources and energy and the output of substances of concern for 2017.



Energy consumption and CO₂ emission

Energy consumption

Due to the operations of newly constructed buildings, etc. on campus, in 2017 our energy consumption increased by 1.2% over the previous year; however, the specificenergy consumption (i.e., the amount of energy consumed in relation to the total area of our buildings and facilities) decreased by 1.7% over this same period.



Scope of data collection: our all campuses

(excluding university housing and some of the private businesses on campus)

■CO₂ Emission

Though our energy consumption increased by 1.2% over the previous year, CO₂ emissions in 2017 was just an increase of 0.6% due to an improvement of electricity CO₂ emission factor.



NAGOYA UNIVERSITY

Education and research

Where is it on campus? See the map on the back to find it out.

Fundamental Seminar "Can Urban Rivers be Restored?"

This seminar offers some suggestions on the restoration of the urban river called Yamazakigawa river, one of whose sources is Kagamigaike Pond on Higashiyama Campus, back to a river full of nature. First-year undergraduate students taking this seminar face various challenges and, through the process to seek solutions, learn about working and interacting with peers from diverse backgrounds.

(Featured on P13, 14 of the Report)



One-Step Production of Hydrogen from Waste

Students interviewed Professor Hibino and Lecturer Nagao from the Graduate School of Environmental Studies, who have been researching next-generation energy sources for the realization of sustainable societies. In the interview, they told the difficulties encountered in their research and the importance of getting involved in different research fields. (Featured on P17, 18 of the Report)



Greenhouse Gas Emissions Trading

The Applied Social System Institute of Asia aims to share with society in a timely manner any findings that could lead to the solutions of problems commonly faced by international societies in Asia and beyond. "Sustainable Development with Realization of a Carbon-Free Society," one of the research themes of the Division of Environments, is introduced here.

(Featured on P21, 22 of the Report)



Nagoya University Environmental Report 2018 Taking Action for More Sustainable Societies

on the environment

School of Agricultural Sciences "International Student Training Program" and "Overseas Training Program"

The "International Student Training Program" and the "Overseas Training Program" are personnel develop programs introduced to foster future leaders who will be able to play active roles in the field of agricultural sciences on the international stage. These programs enable students to learn not only the importance of agricultural sciences but also international relations and mutual cooperation.

(Featured on P15, 16 of the Report)

Revealing Evolution and Ecology of Life

The Ecology Course at the Department of Earth and Environmental Sciences, Graduate School of Environmental Studies tackles global environmental issues by striving for a deeper understanding of the natural environment through fieldwork experience and reconsidering the relationship between ecosystems and human society. Students enrolled in the Laboratory present findings in their own research.

(Featured on P19, 20 of the Report)

Cover art competition for **Environmental Report 2018**

環境報告書2018

As a part of our public relations campaigns, in 2016 we started to seek artwork to be used for the cover of the Nagoya University Environmental Report with the expectation that readers will be inspired to reflect further on environmental issues.

[2018 Gold Prize] Shizue Wakahara **Planning Department**

The Environmental Report provides an overview of many activities on campus towards a sustainable society. carried out by our students, faculty and staff members in the previous year

It introduces a wide range of environmental activities that seek the realization of more sustainable societies.

At Nagoya University, we view initiatives relating to our social responsibilities as environmental activities as well in the broadest sense of the term.

Please refer to the 2018 Environmental Report for full-length articles.

http://web-honbu.jimu.nagova-u.ac.jp/fmd/06other/guideline/e rpt.html (It can be found on the page of Nagoya University Facilities Control Department.)

Environmental Performance

Ensuring the Safety and Functioning of the University in the Event of a Large-Scale Disaster

Presented here are the efforts of the Disaster Management Office to minimize damage from a disaster and quickly recover and resume functions of the University. These efforts include university disaster drills to prepare for a large-scale earthquake as well as the preparation of Guidelines for Earthquake Precautionary Measures and BCP (Business Continuity Planning).



(Featured on P47 of the Report)

Social Responsibility

For Realization of Campus Inclusion of Students with **Disabilities**

The Office for Students with Disabilities has created a learning environment that enables students with disabilities to receive equal education alongside students without disabilities. As part of its efforts, the Office has been playing an active role in providing necessary support for disabled students' study, such as reasonable accommodation and improvement of environment relating to it.



(Featured on P29, 30 of the Report)

Environmental Communication

"Clinical Environmental Studies" to Contribute to the Creation of Sustainable Communities

The "on-site research training" course is intended for students in the Doctoral Program to devise and suggest measures for Shirakawa Town and Higashi-Shirakawa Village of Kamo-gun, Gifu Prefecture, to be sustainable. In this course, students grew up through interaction with other students from diverse fields of study and backgrounds as well as members of the local community.



(Featured on P25, 26 of the Report)



provided international students and their families with support on matters such as cultural adjustment, and hosted various programs and activities within and outside the University to work and study together while respecting individuality.



(Featured on P31, 32 of the Report)

provide a platform not only for those in the University but also for all people to think about the concept of gender. Here, we note the expansion of the Center' gender studies and educational activities.



(Featured on P27, 28 of the Report)

for all members including faculty, staffs and students of our university including twice annual safety education week Biannual safety training for internationa students is also available



(Featured on P46 of the Report)





Students' Environmental Activities

"Ideas Worth Spreading" from Nagoya University

Founded by Nagoya University students in 2013, TEDxNagoyaU has hosted various events to share "ideas worth spreading" with a wider audience. We introduce TEDxNagoyaU's past activities, future challenges, and a summary of their talks so far



(Featured on P33 of the Report)

Sold used books donated by

campus and the local residents

Students' Environmental Activities

Achievements of environmental activities by students in 2017

(Featured on P34 of the Report) **Executive Committee of MEIDAI-SAI (University Festival) by Students**

Collected waste cooking oil used at MEIDAI-SAI



Waste oil: 1608 Recycled to animal feed and ink



Collection: 3,769 books Sale: 3,535 books To the new owner

Student Environmental Circle "Song of Earth"

Reuse of goods for student daily life



Planting flowers



Flower bed: 454m Flower pots : 60 pots

Seeding: 20,000 seeds Planting: 880 plants

Environmental workshop at MEIDAI-SAI-Handicraft toys from wastes



Toy-making using plastic bottles

Student Circle "NAGONEKO" for Stray Cats on Campus

Spayed and neutered : 6 cats Adoption: 4 cats

Passed away : 2 cats Missing: 2 cats

A graudate's career

Radiation Measurement Research for Real-World Applications

Dr. Yuki MORISHITA, alumnus of Nagoya University Graduate School of Medicine, currently the Japan Atomic Energy Agency researcher, engaged in research and development toward the decommissioning of the Fukushima Daiichi Nuclear Power Station. Mr. Morishita is plaving an active role in the workplace utilizing research methods acquired while a student at the university.



(Featured on P35 of the Report)

Thank you for taking the time to review our report. Please feel free to share any thoughts or feedback you may have regarding our report. The editing team of the Nagoya University Environmental Report E-mail : sis-kan@adm.nagoya-u.ac.jp