"For the Earth." “For the Environment.” “For the Future."
It’s easy to put these thoughts into words.
We know the importance.
However, the difficult thing is, how to put them into action.

People tend to think about environmental action in this way.
But actually, the accumulation of our small steps will bring a big change in the future.

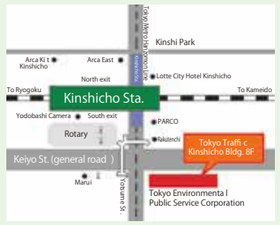
Recycle the plastic bottles.
Rethink the energy you use.
Feel grateful for nature.

Let's each take action in Tokyo, starting with what we can do right now.

Tokyo Environmental Public Service Corporation is here to take the first step with you,
move forward together.

Office Locations

Tokyo Environmental Public Service Corporation
Head Office



8F Tokyo Traffic Kinshicho Bldg.,
4-26-5 Kotobashi, Sumida-ku, Tokyo

ACCESS
- 1 min. walk from Kinshicho Sta. on the JR Sobu Line
- 1 min. walk from Kinshicho Sta. on the Tokyo Metro Hanzomon Line
- 1 min. walk from Kinshicho Sta. South Exit bus stop

Tokyo Metropolitan Center for Climate Change Actions
(Cool Net Tokyo)

17F Shinjuku NS Bldg.,
2-4-1 Nishi-Shinjuku, Shinjuku-ku, Tokyo

ACCESS
- 7 min. walk from west exit of JR Shinjuku Sta.
- 6 min. walk from Shinjuku Sta. on the Metropolitan Subway Shinjuku Line and the Keio Line
- 3 min. walk from Tochomae Sta. on the Metropolitan Subway Oedo Line

Tokyo Metropolitan Research Institute for Environmental Protection

1-7-5 Shinsuna, Koto-ku, Tokyo

ACCESS
- 10 min. walk from exit No. 3 of Toyocho Sta. on the Tokyo Metro Tozai Line

Chubo [Central Breakwater] Landfill Site Management Office
(in Central Breakwater Joint Government Bldg., Bureau of the Environment)

2-4-76 Uminomori, Koto-ku, Tokyo

ACCESS
- Take a Metropolitan bus bound for Chuo Bohatei at Tokyo Teleport Sta. of Tokyo Waterfront Area Rapid Transit or Yurikamome Telecom Center Sta. and get off at the Kankyokyoku-Chubo-Godochosha-Mae stop.

For more information about our business and services, visit our website and Twitter accounts.

official X account
@kankyokosha1962

Tokyo Hydrogen Museum (Tokyo Suisomiru) X account
@suisomiru

Cool Net Tokyo X account
@coolnet_tokyo

TOKYO-ecosteps X account
@TOKYO_ecosteps

公益財団法人 東京都環境公社
Tokyo Environmental Public Service Corporation
☎ 03 (3644) 2189
Website https://www.tokyokankyo.jp Japanese

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Creating the Future from Life in Tokyo

Business Overview

公益財団法人 東京都環境公社
Tokyo Environmental Public Service Corporation

Environmental Research and Climate Change Adaptation

Research projects to address environmental issues

Environmental issues are caused by a variety of mutually affecting factors such as nature, resource circulation, air, water, and energy. TEPSC is conducting a wide range of research projects to address complex and diverse environmental issues. Our projects include cross-disciplinary, comprehensive research to support the implementation of environmental initiatives by the TMG and theme-specific joint research with other institutions.

Three missions of the Tokyo Metropolitan Research Institute for Environmental Protection

Support environmental initiatives
The institute provides scientific insights and findings necessary for the TMG to implement its environmental initiatives.

Work with private and public sectors and universities
The institute collaborates with universities, other institutions, and private-sector entities in research projects.

Conduct wide-ranging environmental research
The institute conducts wide-ranging environmental research projects funded by the Japanese government and the private sector.

Your Communities, Our Services

Research projects

TEPSC is conducting a variety of research projects listed below to support TMG's environmental initiatives. These projects are either commissioned by the TMG, jointly conducted with other research institutions, or funded externally.

Environmental impact of automobiles

Our projects include verifying the extent of exhaust gas reduction achieved by vehicles that meet the latest regulatory standards and low-emission vehicles; measuring the level of emissions of unregulated substances; and validating the level of CO_2 emission reduction achieved by hybrid vehicles.

High-concentration photochemical oxidant

We look into volatile organic compounds (VOCs) believed to cause the formation of photochemical oxidant in order to ascertain its sources.

Atmospheric concentration of particulate matters

We are investigating causes of density increases in PM 2.5 and researching effective measures to counter them.Regarding nanoparticles, we are conducting surveys to ascertain the actual concentrations in the atmosphere of Tokyo and investigating the factors contributing to these high concentrations.


Analysis system that supports both volatile organic compounds (VOC) and fluorocarbons

Environmental impact of reduction of disposable plastic use

We are conducting research on the use of disposable plastics, the actual situation of their disposal, and the reasons why their use is unavoidable, as well as research on the recycling of resources and the environmental impact throughout the entire life cycle of such plastics.

Harmful chemical substance risk evaluation and management

We select chemical substances that may affect Tokyo's environment and conduct research on identifying sources of emissions and environmental risks for the selected substances, as well as ways to reduce them. We are also developing analytical methods for the early detection of chemical substance leaks and taking measures to visualize the risks.


Collecting seawater in Tokyo Bay

Aquatic conservation

To help improve the aquatic environment on the coast of Tokyo, we are looking into the breeding and life cycles of marine animals to verify the effectiveness of environmental restoration technology, and conducting research to analyze the spread of hygiene indicator bacteria and ascertain their sources. We are also researching the quantity and quality of groundwater in Tokyo.

Decarbonization of businesses

We are conducting surveys on the actual energy consumption of municipal facilities and small- and medium-sized businesses in Tokyo, estimating the CO_2 emission reduction effects of promoting energy conservation and introducing renewable energy. In addition, we are working to identify business types and facility uses, etc., that are likely to pose significant barriers to decarbonization and are also exploring measures to advance decarbonization.

Practical implementation of hydrogen energy

We are investigating and conducting research necessary to reliably implement hydrogen energy in Tokyo and promote the spread of green hydrogen, including examining hydrogen that emits less greenhouse gases and its contribution to decarbonization.

Strengthening conservation measures for wildlife species

We are conducting environmental DNA surveys and other research to understand the habitat status of endangered wildlife species in Tokyo, such as fish and amphibians, and are investigating the actual situation regarding their replacement with invasive species and changes in their habitats.


Research aimed at strengthening conservation measures for wildlife species that must be protected

Technical support

We provide technical training and support to TMG and municipal staff in areas such as analytical precision management and understanding atmospheric fluorocarbon concentrations.

Validating the precision of analyses

The TMG commissions private-sector service providers to monitor the quality of public-use water and groundwater and analyze the quality of commercial discharge water. TEPSC conducts tests on the same samples to validate the results supplied by the service providers.

Technical support for understanding atmospheric fluorocarbon concentration

We are working to understand the actual situation regarding fluorocarbons, a type of greenhouse gas, in order to promote reduction measures. We are selecting target substances and examining measurement conditions, and continuously conducting surveys of atmospheric concentrations in Tokyo.

International technical support on environmental issues

As part of international cooperation in addressing environmental issues, we share high-level, specialized information and technologies in the fields of air quality improvement and climate change with urban research institutes of other countries.

Independent and externally funded research

We started internally funded independent research projects in 2015 to encourage our own research teams to take the initiative to work on advanced themes of their choice. In September 2016, TEPSC was designated by the Minister of Education as a research institution eligible to receive government subsidies and started subsidized research projects in 2017. This arrangement, along with funding support provided by the Ministry of the Environment, enables us to conduct more sophisticated research.

Local Climate Change Adaptation Center in Tokyo

The Local Climate Change Adaptation Center in Tokyo collects, organizes, and analyzes information related to the impact of climate change and adaptation to it in Tokyo. It also shares information with and provides technical advice for external parties. It was established in January 2022 at the Tokyo Metropolitan Research Institute for Environmental Protection, which has been conducting research on heat islands countermeasures in urban cities, as a local climate change adaptation center based on article 13 of the Climate Change Adaptation Act.
Naturally, the center works closely with related departments of the TMG but also keeps close ties with various municipalities to promote climate change adaptation.

LCCAC TOKYO
※LCCAC… Local Climate Change Adaptation Center

TOPICS

Public relations and communications

TEPSC holds an open house called "Let's Science" once a year to provide residents with opportunities to familiarize themselves with our research facility and activities. During an open house, visitors participate in workshops, scientific experiments under supervision of our research staffers, and a facility tour. The facility is also open for tours upon request. We share research findings at public and conference presentations and in annual reports and newsletters.

Environmental Workshops and Educational Programs

Learn more about the environment

A wide range of environmental issues affect us around the world. One of the important missions of TEPSC is to provide residents with opportunities to become more environmentally conscious. To achieve this mission, we share the knowledge and expertise we have accumulated over the years in energy, resource circulation, the natural environment, and research fields.

TEPSC website

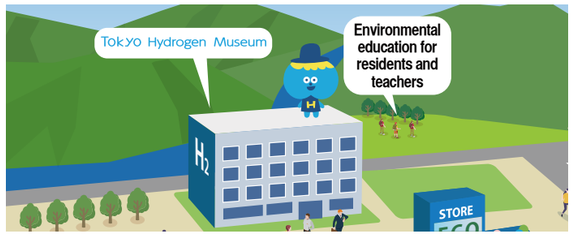
Learn more about our programs that are designed to deepen environmental knowledge and promote action toward a sustainable future through practical experiences.

Japanese

Learn and experience

https://www.tokyokankyo.jp/learn/

Your Communities, Our Services



Theme-specific environmental classes

We provide residents of Tokyo with fun opportunities to learn about energy, biodiversity, and resource circulation. Our programs include in-person presentations by experts, facility tours, and online courses.

On-demand classes about hydrogen energy

We conduct on-demand classes for elementary students about hydrogen energy, which is expected to play a role in helping achieve a sustainable low-emission city.

Workshops for elementary school teachers

We hold workshops during the summer break, in which elementary school teachers can familiarize themselves with our environmental education programs intended for elementary students.

Clear Sky outreach program teaching about air pollution measures

We provide on-site classes to teach about everyday measures to reduce PM 2.5 and photochemical smog.

TOKYO-ecosteps

"TOKYO-ecosteps" is a membership program that enables everyone to enjoy and continue eco-friendly actions through experiences and learning.

TOKYO-ecosteps website

Once you become a member, you can earn "step points" for every eco-friendly action you take. You can also receive nice gifts depending on your accumulated points.
https://www.tokyo-ecosteps.jp/

Japanese

TOKYO-ecosteps LINE

Tokyo Ecomanabu

Tokyo Ecomanabu, TEPSC's learning website for children, is now available.

Tokyo Ecomanabu website

Learn about energy, resource recycling, the natural environment, and what you can do today for the future of the Earth.
https://www.tokyokankyo.jp/study/

Japanese

水素情報館 東京スイソミル Tokyo Hydrogen Museum

Tokyo Hydrogen Museum

https://www.tokyo-suisomiru.jp/

Japanese

▶ Facility tour ◀

The Tokyo Hydrogen Museum offers guided facility tours by appointment. The tour is popular for all ages—school children, business operators, and foreign correspondents. The duration of a tour is 60 minutes and can be tailored to different age groups.

▶ Events ◀

We are holding events that can be enjoyed by both elementary school students and adults alike, allowing everyone to experience the growing demand for hydrogen and its social implementation. And we are working to promote widespread understanding of hydrogen energy, through measures such as organizing bus tours for local governments.

▶ Exhibitions ◀

Visitors have opportunities to learn about hydrogen through hands-on experience to produce real hydrogen. They can also become familiar with a real-world application of hydrogen energy by observing the exhibit of a hydrogen-powered torch used in the Tokyo 2020 Olympic Games.

Address	1-3-2 Shiomi, Koto-ku, Tokyo	Closed	Mondays and from December 28 through January 4 Note: Open on Mondays on which a national holiday falls,and closed the following day	Access	•8 min. walk from Shiomi Stn. of the JR Keiyo Line •20 min. walk from Tatsumi Stn. of the Tokyo Metro Yurakucho Line •1 min. walk from the bus stop at Shiomi 1-chome of the Metropolitan Nishiki 13 bus line that runs between Kinshicho and Fukagawa Depot
Open	From 9 a.m. to 5 p.m. (Enter by 4:30 p.m.)	Tel	03-6666-6761		

Other programs

● Global warming mitigation (See page 9) ● "Go to SATOYAMA" website (See page 13) ● Open house for the Tokyo Metropolitan Research Institute for Environmental Protection(See page 15)