

Initiatives for Biodiversity

Our Approach

Biodiversity is an important foundation for a sustainable society. At NEC, our environmental policies stipulate that individual employees should increase their environmental awareness and contribute to preserving biodiversity. We strive to minimize the impact of business activities and employees' lives on living organisms, and to actively encourage employees' activities that contribute to biodiversity and the provision of ICT solutions.

Initiatives for Biodiversity

● Biodiversity Conservation Efforts at NEC Abiko Plant

The NEC Abiko Plant has a spring area on its premises, known as Yotsuike, which is thought to derive from the Tone River. Since 2009, NEC has cooperated with the Teganuma Aquatic Organism Research Association to promote conservation activities in this area, aimed at the protection of the Oomonosashi Tombo (*Coperia tokyoensis*) species of dragonfly. Yotsuike is a habitat for this dragonfly, which is designated as an endangered species IB class (EN) by the Ministry of the Environment.

In fiscal 2021, fewer conservation activities were conducted in comparison with other years as a result of COVID-19. However, efforts to remove crayfish and other invasive species proved effective, as were efforts to establish an artificial dragonfly pond as a habitat for the Oomonosashi Tombo, which features several areas where the dragonfly can be observed.



Oomonosashi Tombo (*Coperia tokyoensis*)

Photographer: Taichi Jibiki

Since our conservation efforts to protect the Oomonosashi Tombo dragonfly involve the elimination of invasive alien species, the Ministry of the Environment sponsored an on-site visit from a working group that specializes in measures for dealing with invasive species. During the visit, we exchanged opinions with the experts on the subject as well as discussed our initiatives and methods for effective removal of the alien species.

In addition, we also made effective use of the large volume of freshwater mussels discovered upon draining the Yotsuike in 2012, by using them to conduct preservation activities for an endangered species of IA type (CR) Cyprinid (*Acheilognathus typus*) in the aforementioned artificial pond at our business site. By providing a place for the Cyprinids to lay their eggs, the freshwater mussels played an important role in the Cyprinids' survival. In fiscal 2021, we will move some of the mussels to Yotsuike and observe the effects of the change in habitat.



Cyprinid (*Acheilognathus typus*)

Photographer: Taichi Jibiki

We will also hold an annual "Biodiversity Dialogue" to review the above activities, go over results, and discuss future efforts with the Teganuma Aquatic Organism Research Association, the city of Abiko, and experts in the field.



Removal of invasive species from Yotsuike

● Activities in Biodiversity Working Groups

NEC participated in biodiversity preservation activities as a member of a biodiversity working group made up of four organizations* from the electrical and electronics industry. The working group has supported corporate biodiversity initiatives with the publication of "Let's Try Biodiversity! (LTB)—First Corporate Activities in Biodiversity" and "Let's Try Biodiversity Pick Up!—Reducing Plastic Waste in the Ocean Starting on Land," which summarizes approaches to the marine plastic waste issue.

* Four organizations from the electrical and electronics industry:

The Japan Electrical Manufacturers' Association (JEMA),
Japan Electronics and Information Technology Industries Association (JEITA),
Communications and Information Network Association of Japan (CIAJ), and
Japan Business Machine and Information System Industries Association (JBMIA)