



We are making efforts to conserve global forest ecosystems and enhance our employees' global citizen awareness.

To conserve the global environment, it is important not only to reduce environmental impact, but also to maintain and enhance the self-recovery capability of the global environment. The Ricoh Group is promoting forest ecosystem conservation projects at many places all over the world in partnership with environmental NPOs and local communities. Furthermore, headquarters and sales companies in various regions in the world are committed to environment-conscious social contribution activities. In Japan, the Ricoh Group is implementing an Environmental Volunteer Leader Development Program* to enhance each employee's global citizen awareness and help employees take initiatives in local communities to conserve the global environment.

* See page 69.

Forest Ecosystem Conservation Projects

<Ricoh Group (Global)>

On the earth, various life habitats exist and unique ecosystems are maintained in forests, grasslands, lakes and ponds, coral reefs, and oceans. If these ecosystems are damaged, the natural environment including water, air, climate, and soil that is indispensable for maintaining the life of human beings would be harmed. The Ricoh Group places priority on forest ecosystems with rich biodiversity and has been promoting forest ecosystem conservation projects since fiscal 1999 in partnership with environmental NPOs and local communities. In fiscal 2004, Ricoh launched the Conservation of Taiga Forests—The Northern Limit of the Tiger's Habitat, a project that aims to preserve forests where a variety of wildlife,

including the Amur tiger, lives in harmony with human beings. This project is financed by the social contribution reserve that Ricoh established to continuously carry out social contribution activities. Provided that approval is gained at the general shareholders' meeting, 1% of Ricoh's annual profit, from which annual dividends are deducted, is allocated for the reserve (up to ¥0.2 billion). More information about Ricoh's forest ecosystem conservation projects is provided on ECO TODAY*, Ricoh's environmental website.

* http://www.ricoh.co.jp/ecology/ecotoday/index_e.html

Ricoh Group's Forest Ecosystem Conservation Projects

Company	Country	Project		NPO	
		Name	Activity	Name	Descriptions
Ricoh Corporation	Mexico	Conservation of the Sierra Tarahumara forest and riverheads	Conservation and restoration of forests and riverheads that cover the North Mexico region comprising 1.5 million residents and 600,000 hectares of agricultural land.	WWF	Largest global conservation NPO in the world; works in more than 170 countries and engages in a wide range of projects related to biodiversity conservation, from ecosystem conservation to global warming prevention
Ricoh Europe B.V.	United Kingdom	Participation in the virgin forest conservation campaign hosted by the Woodland Trust	Supports a virgin forest conservation campaign that aims to protect woods and biodiversity in the United Kingdom	Woodland Trust	The Woodland Trust, the UK's leading woodland conservation charity, was established in 1972. With over 1,000 woods in its care, covering approximately 20,000 ha, the Trust is dedicated to the protection and conservation of our native woodland heritage
Ricoh Asia Pacific Pte Ltd.	Australia	Support of Earth Keeper™, an environmental education program conducted by Warrimoo Public School	A program in which children learn about ecosystems and environmental issues in Australia and plant trees	Warrimoo Public School	Teaches students about the environment through forest conservation activities, focusing on a project called Earth Keeper™, which gives children the skills to live in harmony with nature
Ricoh Co., Ltd.	Philippines	Restoration of tropical rain forests*	Restoration of rich forests where the Philippine Eagle and other forest creatures can coexist with people	Conservation International	Established to address environmental issues that focus on the harmonious relationship between nature and society; more than 1,000 staff in more than 30 countries work to conserve biodiversity
	Ghana	Restoration of tropical rain forests*	Preservation of forests through sustainable agriculture, specifically, raising cocoa in the shades of trees so that people can live with other living things		
	Malaysia	Restoration of tropical forests and orangutan habitats*	Expansion of the habitats of endangered species, including the orangutan		
	China	Restoration of temperate forests and giant panda habitats*	Conservation of habitats for endangered species, including 437 vertebrates, such as the giant panda, and 4,000 plants, to prevent their extinction	WWF	Largest global conservation NPO in the world; works in more than 170 countries and engages in a wide range of projects related to biodiversity conservation, from ecosystem conservation to global warming prevention
	Japan	Conservation of the Afan Forest in Kurohime, Nagano*	Conservation of natural forests that have enough space and food for bears, dormice, and other animals to live and where people can feel close to nature	C.W. Nicol Afan Woodland Trust	Researches and studies the forest ecosystem as well as conducts environmental conservation activities with the idea of establishing a forest where mankind can live without harming the natural environment
	Japan	Conservation of the Yanbaru Forest in Okinawa*	Conservation of habitats of endangered species unique to the region, including Rallus okinawae	Yanbaru Forest Trust	Aims at securing trust sites for wildlife, contributing to the conservation of habitats and other natural environments in northern Okinawa, which is blessed with rich biodiversity
	Russia	Conservation of Taiga, the northern limit habitat of tigers*	Conservation of rich forests where many wild animal species, including the Amur tiger, live harmoniously with people	Friends of the Earth Japan (FoE Japan)	Established as a member of Friends of the Earth International; promotes forest conservation and campaigns to prevent desertification and supports the forest industry in Japan
	Sri Lanka	Conservation and restoration of forests at World Heritage Sites	Preservation and expansion of forests where the Sri Lankan long-tailed fowl can live	Field Ornithology Group of Sri Lanka	Conducts research in bird ecology in Sri Lanka and develops domestic and overseas environmental conservation activities for bird habitats
	Bangladesh	Restoration of satoyama (community forests)	Education of children, development of afforestation activities, and raising of saplings	Bangladesh Poush	Provides environmental education especially to children and promotes afforestation activities in Sri Lanka

* For each project, flag species are mentioned in the column of activities. These projects aim at conserving not only flag species, but also all forest ecosystems in the area.

* Projects covered under the social contribution reserve system

Three Areas of Environmental-conscious Social Contribution Activities



INTERVIEW ⇒ NGO

Example of a Forest Ecosystem Conservation Project
Conservation of Taiga Forests
The Northern Limit of the Tiger's Habitat

— FoE Japan

Ricoh started a forest ecosystem conservation project focusing on the Bikin River basin, a habitat of the endangered Amur tiger.

The Nature-rich Russian Far East faces the threat of deforestation.

In May 2004, in partnership with FoE Japan (an environmental NGO), Ricoh started a forest ecosystem conservation project focusing on the northern area of the Bikin River basin in the Russian Far East. The forest is a habitat of the Amur tiger, an endangered species. The Russian Far East, which is quite close to Hokkaido, lies across the Japan Sea and still maintains natural forests and a diversified ecosystem. Bikin Basin forests are precious habitats for a great variety of wildlife, including the Amur tiger, many of which are rare animals. For example, the Amur tiger, the largest species of tiger, is critically endangered with as few as 380 left in the world. However, after the collapse of the Soviet Union, a great many trees were cut for export in order to obtain foreign currency. Because of this, the forests are now threatened with deforestation and the consequential destruction of the ecosystem.



Eiichiro Noguchi
 Director, Russian Far East Taiga (Forest) Project, FoE Japan (an environmental NGO)



The Bikin River basin stretches over approximately 13,000 square kilometers, from Khabarovsk to Vladivostok, which is equivalent to the combined areas of Tokyo, Kanagawa, Chiba, and Saitama.

Aiming to protect both the natural environment and the local people's lives

As the first step of the project, we encouraged the Udeghe people (indigenous habitants), local NGOs, and researchers to understand what our project is about so that a friendly relationship can be established between us, and we are currently carrying out our research on endangered species, including the Amur tiger. At the same time, to promote the awareness of the environmental value of the region, we have also contacted the Russian government and we are striving to disseminate information about our project among both the Russian and Japanese people. To help the Udeghe make a living without relying on the lumber business, we intend to

conduct eco-tours and support a fair trade* scheme by purchasing honey and herbs, such as rosehip, that can be obtained from the forests there. The ultimate goal of this joint program is an entry on UNESCO's World Heritage List as a natural site. UNESCO realizes that there is a habitat of the Amur tiger in the region and that the surrounding areas have natural values. We approached the related authorities to appeal for the environmental values of the forests as a step to attain our goal because being designated as a nature reserve by domestic law is a requirement for entry.

* In general, fair trade aims to help economically disadvantaged producers in developing countries become independent by earning a stable and fair income.

* Details of the project are available on <http://www.ricoh.com/environment/society/report/index.html>



Environmental volunteer activities further promoted by the Ricoh Group's sales companies in Japan

Promotion of forest conservation is one of the target goals set by the Ricoh Group to be achieved by fiscal 2004 in terms of social contribution in environmental conservation. In fiscal 2004, sales companies activated their efforts.

Map of Forest Conservation Activities

Hokkaido

- Clean & Walk in Sapporo Art Park (Hokkaido Ricoh)
- Participation in Hokkaido Arbor Day (Hokkaido Ricoh)
- Tenguyama Cleanup Climb (Hokkaido Ricoh)
- Clean & Walk in the Kushiro Wetlands (Hokkaido Ricoh)

Akita Prefecture

- Cleanup of Yuuhi-no-Matsubara (Akita Ricoh)
- Cleanup of Kaze-no-Matsubara (Akita Ricoh)
- Planting of Buna (Japanese beech) at the riverhead of Nagaki River (Akita Ricoh)
- Tree planting in Nishi-Yurihara (Akita Ricoh)
- Tree planting in Kisakata (Akita Ricoh)
- Planting of Buna (Japanese beech) in Shirakami (Akita Ricoh)

Yamagata Prefecture

- Yamagata Mori-no-Kanshasai/Arbor Day in Yamagata City (Yamagata Ricoh)

Miyagi Prefecture

- Participation in tree-planting ceremony commemorating the 50th anniversary of the founding of the city of Shiroishi (Ricoch Tohoku)

Fukushima Prefecture

- Planting of Buna (Japanese beech) nationwide (Fukushima Ricoh)

Gunma Prefecture

- Tree planting at Naramata Lake (Gunma Ricoh)

Tochigi Prefecture

- Placement of nets to protect trees from deer (Tochigi Ricoh)



Nara Prefecture

- Activities to nurture forests in Yatayama (Nara Ricoh)

Mie Prefecture

- Forest conservation activities in Ureshinocho (Mie Ricoh)
- Gozaishodake Cleanup Climb (Mie Ricoh)

Osaka

- Forest conservation activities on Mt. Satsuki (Ricoch Kansai, Osaka Ricoh, and NBS Ricoh)

Kagawa Prefecture

- Activities to conserve Fureai-no Mori in Kagawa (Shikoku Ricoh)

Tottori Prefecture

- Activities to maintain riverhead forests (Tottori Ricoh)

Okayama Prefecture

- Activities to conserve Osafune Beautiful Forest (Okayama Ricoh)

Saitama Prefecture

- Activities to conserve Ohya thicket in Higashimatsuyama-shi (Ricoch Sales Co., Ltd., RICOH TECHNOSSYSTEMS CO., LTD., and NBS Ricoh)
- Preservation of *satoyama* (community forests) in Sayama Hills (Trust No. 5 area) (Ricoch Sales Co., Ltd., and NBS Ricoh)
- Conservation activities on Mt. Kannon (Ricoch Sales Co., Ltd.)

Tokyo

- Conservation of *satoyama* (community forests) in Minamidaira Hills (Ricoch Sales Co., Ltd.)

Chiba Prefecture

- Conservation of Ricoch Chiba's Fureai-no Mori (Ricoch Sales Co., Ltd., RICOH TECHNOSSYSTEMS CO., LTD., and NBS Ricoh)

Shizuoka Prefecture

- Chakiri-kai voluntary activities (Shizuoka Ricoh)

Yamanashi Prefecture

- Environmental beautification campaign to clean Mt. Fuji (Yamanashi Ricoh)

Nagano Prefecture

- Tree planting in Afan Forest (Nagano Ricoh and Niigata Ricoh)

Shizuoka Prefecture

- Chakiri-kai voluntary activities (Shizuoka Ricoh)

Yamanashi Prefecture

- Environmental beautification campaign to clean Mt. Fuji (Yamanashi Ricoh)

Nagano Prefecture

- Tree planting in Afan Forest (Nagano Ricoh and Niigata Ricoh)

Shizuoka Prefecture

- Chakiri-kai voluntary activities (Shizuoka Ricoh)

Yamanashi Prefecture

- Environmental beautification campaign to clean Mt. Fuji (Yamanashi Ricoh)

Nagano Prefecture

- Tree planting in Afan Forest (Nagano Ricoh and Niigata Ricoh)

Hiroshima Prefecture

- Voluntary activities in Gongenzan Ikoi-no Mori (Ricoch Chugoku, Hiroshima Ricoh, and NBS Ricoh)

Yamaguchi Prefecture

- Forest conservation activities in Eigenzan Park in Shunan-shi (Yamaguchi Ricoh)

- Activities to conserve a city-owned forest of Japanese cypress in Kano, Shunan-shi (Yamaguchi Ricoh)

Oita Prefecture

- Voluntary activities to conserve forests in Ohaza-Higashiyama, Beppu-shi (Oita Ricoh)

Miyazaki Prefecture

- Miyazaki Yukyu-no Mori Project (Miyazaki Ricoh)

- Watershed protection forest project in Tanocho (Miyazaki Ricoh)

- Volunteer activities to promote afforestation project (Miyazaki Ricoh)

Fukuoka Prefecture

- Conserving Fureai-no Mori of Sefuriyama Mountains (Fukuoka Ricoh, Ricoch Kyushu, and NBS Ricoh)

Toyama Prefecture

- Afforestation in Toyama (Toyama Ricoh)

Ishikawa Prefecture

- Conservation of Aodani *mizogo* Biotope (Ishikawa Ricoh)

Aichi Prefecture

- Environmental improvement of Jyoko-ji Hotaruno-sato (Ricoch Chubu)

- Participation in activities of Aigo-kai at Nagoya Heiwa Park (Aichi Ricoh)

- Oasis-no Mori Club activities in the Aoiyama green zone (Aichi Ricoh)

Gifu Prefecture

- Participation in activities of Enasan Midorino-kai (Gifu Ricoh)



Planting Buna (Japanese beech) in Shirakami

Hachimori-machi, Akita Prefecture

<Akita Ricoh Co., Ltd.>

A tree-planting ceremony organized by the Shirakami Nature Association was held on October 10, 2004, at the Shirakami mountain range. Approximately 150 volunteers participated in the event, 10 of which were Akita Ricoh employees and their families. They planted trees in the hope that the natural environment of the Shirakami mountain range will be preserved for future generations.



Thicket Conservation Activities

Higashimatsuyama-shi, Saitama Prefecture

<Ricoch Sales Co., Ltd., Ricoch Technosystems Co., Ltd., NBS Ricoh Co., Ltd.>

The 8th Thicket Conservation Activities for Ohya in Higashimatsuyama-shi were held on December 12, 2004. Twelve Ricoh employees participated in the program. Because acorns from the *kunugi* and *konara* trees (oak species) were not receiving enough sunshine due to a thick growth of *hisakaki* (*Eurya japonica*), about 50 of the shrubs were cut down. Cutting the shrubs improved the environment and helped the acorns sprout and grow well.



**Activities to Conserve Fureai-no Mori
Chiba-shi, Chiba Prefecture**
<Ricoh Sales Co., Ltd., Ricoh Technosystems
Co., Ltd., NBS Ricoh Co., Ltd.>

On March 19, 2004, 24 Ricoh employees took part in the fifth forest conservation program held at Ricoh Chiba's Fureai-no Mori in Wakaba ward, Chiba Prefecture. The group of Ricoh employees was authorized and registered as a cooperative organization for a *satoyama* (community forest) ordinance issued by Chiba Prefecture. This is the first time that a corporate volunteer group was registered. The group plans to continue its conservation activities once a month based on an annual schedule.



**Chakkiri-kai Voluntary Activities
Shizuoka-shi, Shizuoka Prefecture**
<Shizuoka Ricoh Co., Ltd.>

On November 7, 2004, five Shizuoka Ricoh employees participated in voluntary weeding of the area along a hiking course in Nihondaira. Hikers can walk more comfortably now, and the amount of illegally dumped garbage has decreased, which helped improve the landscape.



**Activities to Conserve Osafune Beautiful
Forest
Okayama Prefecture**
<Okayama Ricoh Co., Ltd.>

Eleven Okayama Ricoh employees participated in Forest Volunteer Day, promoted by the National Land Afforestation Promotion Organization, on August 21, 2004, and helped weed the Osafune Beautiful Forest in Osafunecho, Okugun. At first some of them found it difficult to cut the two-meter tall grass using a sickle with a one-meter blade, but they gradually got used to it.



**Planting Trees in Afan Forest
Nagano-shi, Nagano Prefecture**
<Nagano Ricoh Co., Ltd, Niigata Ricoh Co.,
Ltd.>

On May 8, 2004, eight Ricoh employees took part in the planting of oak saplings organized by the C.W. NICOL Afan Woodland Trust. Part of the forest is used for the experimental growing of seedlings, some of which were transplanted by the participants. Blessed with fine weather, the participants enjoyed transplanting 150 saplings. Later, they plan to weed the area where the saplings were transplanted.



**Activities to Conserve Fureai-no-Mori
Kagawa Prefecture**
<Shikoku Ricoh Co., Ltd.>

In line with its commitment to supporting the conservation and management of national forests, the company is helping to conserve Kagawa Fureai-no-Mori. Four Shikoku Ricoh employees participated in conservation activities in March and May of 2004. These activities consisted of thinning trees, cutting underbrush, weeding the area along the road, picking up trash and cleaning signboards.



**Tree Planting at Mt. Fugen
Nagasaki Prefecture**
<Nagasaki Ricoh Co., Ltd.>

On November 7, 2004, voluntary tree planting was carried out in the Unzen/Fugen area. A total of 49 Nagasaki Ricoh employees, including their families, took part in the work. Among the 49 participants, 19 were children. Participation by a large number of children was encouraging. We can expect future generations to continue and expand these activities.



Sample Activities Outside Japan



Supporting Children Planting Trees
<Lanier (Australia) Pty. Ltd. (Australia)>

In Australia, National Schools Tree Day was established to build children's awareness of environmental conservation and help them feel the pleasures of growing trees. On July 23, Tree Day, Lanier Australia, a sales company, participated in a tree planting activity with Eltham East Primary School in Melbourne by donating 150 saplings. Lanier employees and 50 students planted the trees.



Cleaning a Stretch of Beach and Observing Nature with Children
<Ricoh Asia Pacific Pte. Ltd. and Ricoh Singapore Pte. Ltd. (Singapore)>

Ricoh Asia Pacific (RA), the regional sales headquarters for the Asia-Pacific region, and Ricoh Singapore (RSP), a sales company, cleaned up one of the beaches of Pulau Ubin, a Singaporean island, in August 2004. Of those who participated in this event, 127 were staff members, including their families, and 20 were children from Whispering Hearts. Led by Green Volunteers Network, a nature conservation group, participants walked among small fruit trees and herbs as well as the native plants of a mangrove forest. They marveled at the natural environment before starting to clean up the beach.



Riverhead Forest Conservation
<Ricoh Corporation (Mexico)>

Since February 2004, Ricoh Corporation, the Americas Regional Sales Headquarters, has supported the conservation of the Sierra Tarahumara forest in Mexico with the World Wide Fund for Nature (WWF). The forest covers 60,000 square kilometers and has riverheads that supply water to all 60,000 square kilometers of North Mexico farmland. Due to expanding desertification caused by deforestation, the headwaters are rapidly drying up. Ricoh Corporation and WWF believed that it was important to stimulate community based forest conservation by building a partnership with the people of Tarahumara. In fiscal 2004, Ricoh and WWF called for the local people's understanding and cooperation in future activities to promote forest conservation by training community leaders and combining economic development in the region with environmental conservation.



Supporting Forest Surveys for the Conservation of Biodiversity
<Ricoh France S.A. (France)>

Ricoh France, a sales company, supports Pro-Natura, an NPO engaged in forest surveys in many countries for the conservation of biodiversity. In fiscal 2004, the company provided financial support for the manufacturing of Canopy Glider, which is used in investigating tree canopies.

Expansion of Environmental Volunteer Activities

<Ricoh Group (Japan)>

Environmental volunteer leaders have expanded their activities significantly. Although at first they worked only with their families and friends, they now participate in more extensive activities involving local children and communities. In addition to production sites, sales companies across the country also promote voluntary activities.

Environmental Volunteer Activities



Cleaning Up Sagami River (Ricoh Toda Plant)

The Sagami River's riverbed and walking trail near the Ricoh Toda Plant in Atsugi, Kanagawa Prefecture, were cleaned on June 2, 2004. Sixteen Toda Plant employees participated in this project.



Rehabilitating Hatano Farmland (Ricoh Hatano Plant)

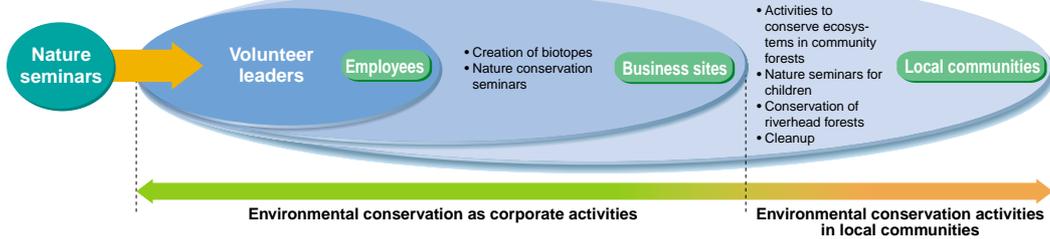
On September 18, 2004, members of the Farmland Refresh Group at Ricoh Hatano Plant in Hatano-shi, Kanagawa Prefecture, helped with organic farm work. This was an initiative to support a project promoted by Hatano City to rehabilitate degraded and idle farmland.



Preserving the Kitayama Wetlands (Ricoh Elemex Corporation)

On November 7, 2004, Ricoh Elemex employees took part in activities to conserve the Kitayama Wetlands in Okazaki City, Aichi Prefecture. They cut down trees in an artificial forest and cleaned the remnants. The Kitayama Wetlands is designated as one of Japan's 500 important wetlands.

Expansion of Environmental volunteer activities



Cleaning Up Shiroishi River (Tohoku Ricoh Co., Ltd.)
Shitaba-machi in Miyagi Prefecture is famous for its cherry blossoms and is designated as one of Japan's best 100 cherry blossom viewing spots. On March 19, 2004, Tohoku Ricoh employees and their families (a total of 14 people) took part in cleaning up Shiroishi River to prepare for the Shibata Cherry Blossom Festival.



Conservation of the Satoyama Area of Mt. Satsuki (Ikeda Plant and Yashiro Plant)
Ikeda Plant and Yashiro Plant employees and their families participated in activities to conserve the *satoyama* (community forest) area of Mt. Satsuki in Ikeda City, Osaka, on November 20, 2004. Two sets of tables and benches that were bought with the funds from Free Will, Ricoh's social contribution club, were installed on the observation deck.



Riverhead forest conservation
On October 23, 2004, Yadoriki Shinboku Group members and their families (17 in total) participated as a partner corporation in the riverhead forest conservation program organized by Kanagawa Prefecture. The group is Ricoh's environmental volunteer group.



Cleaning Up Senbonhama Beach in Numazu (Ricoh Numazu Plant)
On June 27, 2004, 25 Ricoh Numazu Plant employees volunteered to clean up Senbonhama Beach in the 2004 Festa Coste del Gomi in Senbonhama, Shizuoka Prefecture. About 800 people participated in the event and collected a large amount of garbage that was carefully disposed of.



Cleaning Up the Izunuma/Uchinuma Wetlands (Hasama Ricoh)
The Izunuma/Uchinuma Wetlands in Miyagi Prefecture, which are listed under the Ramsar Convention, are the winter home for swans and geese. On March 20, 2004, seven Hasama Ricoh employees volunteered to clean up the wetlands with other participants.



Thicket Conservation at Hatano City
Five members of the Hatano Thicket Conservation Group cleared the fallen leaves in the thicket of Lake Shinsei on December 12, 2004.



Cleaning Up the Tottori Sand Dunes (Ricoh Tottori Group)
On September 26, 2004, 90 Ricoh Tottori Group employees took part in cleaning up the Tottori Sand Dunes, a national park. Thanks to this program, which takes place annually, the amount of garbage that litters the area is decreasing each year.



Cleaning Up the Beach at Kamakura
On September 19, 2004, 115 Ricoh Group employees and their families cleaned Zaimokuza beach in Kamakura and enjoyed making sand sculptures.



Conserving the Shishigaya Green Zone
On February 5, 2004, 15 members of the Shishigaya Green Zone Conservation Group trimmed and cut plum trees and mended fences to conserve the landscape of the Shishigaya Green Zone in Yokohama City, Kanagawa Prefecture.