

spring/summer  
**2007**  
issue no. 28



roots&shoots

“Unless someone like  
you cares a whole  
awful lot, nothing  
is going to get  
better. It’s not.”

– Dr. Seuss, *The Lorax*

**The Accidental  
Environmentalist**

**Safeguarding  
Endangered  
Sea Turtles**

**R&S Youth  
Leaders Launch  
Campaign —  
ReBirth the  
Earth: Trees for  
Tomorrow**

**Journal Notes  
on page 3**



CLIMATE CHANGE:  
**MYTHS,  
FACTS,  
RESOURCES**

# WHAT'S NEW AT ROOTS & SHOOTS



## Roots & Shoots Partners with Animal Planet's R.O.A.R.

Roots & Shoots joins forces with R.O.A.R. (Reach Out. Act. Respond.), Animal Planet's campaign to

help make the world a better place for animals—in our communities and in the wild. Animal Planet is a U.S. cable television network and is the only network dedicated exclusively to the connection between humans and animals. Roots & Shoots youth leaders are featured in R.O.A.R. public service announcements and two Roots & Shoots members are highlighted on the R.O.A.R. website. To learn more about how to "R.O.A.R." on behalf of animals, visit Animal Planet's R.O.A.R. website at [www.animalplanet.com/ROAR](http://www.animalplanet.com/ROAR).

## ReBirth the Earth: Trees for Tomorrow Campaign Launches

Join the Roots & Shoots Youth Leadership Councils in creating five new tree nurseries for Roots & Shoots groups in Tanzania while planting trees in your own community. Groups outside of Tanzania will seek sponsorships for every tree they plant. This sponsorship money will support the establishment of Roots & Shoots tree nurseries in Tanzania. With help from Animal Planet's R.O.A.R. and the National Arbor Day Foundation, Roots & Shoots hopes to raise at least \$10,000 and plant 3,000 trees. Learn more about ReBirth the Earth: Trees for Tomorrow at [www.rootsandshoots.org/campaigns/trees](http://www.rootsandshoots.org/campaigns/trees).

## Roots & Shoots Discussion Boards Go Live!

Join the Roots & Shoots online conversation on the new Roots & Shoots Discussion Boards. Ask questions, brainstorm ideas and share information with Roots & Shoots members in your community and around the world. Connect at [www.rootsandshoots.org/forum](http://www.rootsandshoots.org/forum).

## Great Lakes Regional Office Opens in United States

The Roots & Shoots Great Lakes Regional Office in Chicago has officially opened its doors, providing support to groups in Illinois, Indiana, Michigan, Minnesota, Ohio and Wisconsin. Regional Director Garth Katner is excited to meet area groups and will continue to strengthen the Roots & Shoots program in the Great Lakes region. Read more about Garth on page 11.

## mark your calendars!

- |              |                                 |
|--------------|---------------------------------|
| June 5       | U.N. World Environment Day      |
| June 20      | World Refugee Day               |
| August 12    | U.N. International Youth Day    |
| September 21 | U.N. International Day of Peace |
| September 23 | Roots & Shoots Day of Peace     |

Download instructions for making a Giant Peace Dove puppet at [www.rootsandshoots.org/campaigns/dove](http://www.rootsandshoots.org/campaigns/dove).

For more days to celebrate, visit the R&S calendar at [www.rootsandshoots.org/newsevents/eventcalendar](http://www.rootsandshoots.org/newsevents/eventcalendar).

## Roots & Shoots-USA Staff

Jeanne McCarty, *Vice President*  
Cattana Berger, *New England Intern*  
Christine Eilersick, *New England Regional Manager*  
Grace Felten, *College/Youth Leadership Initiatives Mgr.*  
Garth Katner, *Great Lakes Regional Director*  
Cathleen Kilgallen, *California Intern*  
Jordan Lönegren, *California Regional Manager*  
Nina Martin, *College Initiative Intern*  
Betsy McWhirt, *National Director*  
Jessica Morgan, *National Office Intern*  
Marsea Nelson, *National Office Intern*  
Megan Nelson, *International Program Advisor*  
Chase Pickering, *Youth Leadership Fellow*  
Ray Powell, *Four Corners Regional Director*  
Bonnie Schmader, *New Mexico State Coordinator*  
Jason Schoch, *Pine Ridge R&S Project Consultant*  
Zachary Storey, *College Initiative Intern*  
Barbara Struwe, *No. Great Plains Regional Coordinator*  
Amy Vaerewyck, *Program Assistant*  
Elan Wang, *Membership Manager*  
Chelsea Wesnousky, *California Intern*

## Editor

Elan Wang

## Contributors

Jane Goodall  
Fern Hames  
Nicolette Jackson  
Garth Katner  
Jessica Morgan  
Marsea Nelson  
Chase Pickering  
Amy Vaerewyck

## Art Direction

Susan Handman, Handman Design

The Roots & Shoots Newsletter is published semi-annually by the Jane Goodall Institute-USA. 4245 N. Fairfax Drive, Suite 600 Arlington, VA 22203 USA  
Phone: (703) 682-9220 or Toll-free: (800) 592-JANE  
Fax: (703) 682-9312  
Email: [roots-shoots@janegoodall.org](mailto:roots-shoots@janegoodall.org)  
Internet: [www.rootsandshoots.org](http://www.rootsandshoots.org)



Printed with Eco-ink—non-volatile vegetable oil-based ink on Ecoprint Offset - 100% Post-consumer, Recycled, Process Chlorine Free

©2007 The Jane Goodall Institute for Wildlife Research, Education and Conservation  
® Roots & Shoots is a registered trademark of the Jane Goodall Institute for Wildlife Research, Education and Conservation



# Journal notes from Dr. Jane

When the Asia portion of my 2006 lecture tour began, I was still suffering from a bout of flu. My plane to China arrived late, the traffic into Beijing was horrific and I had just 20 minutes to recover before the first event! But the enthusiasm of the JGI team was healing. Everywhere I go my energy is restored by the wonderful people I meet.

A highlight of my stay in Beijing was visiting the Blue-Sky No. 1 Middle School for children of rural people who have moved to the city. As one Roots & Shoots activity, the children go out in their new community and share their knowledge, brought from the country, of how to care for chickens and dogs. They told me that at first they felt inferior to the city children, but R&S has taught them that their lives are just as significant.

In Shanghai, JGI staff members organized an excursion to Chong Ming, an island in the Yangtze River that was formed by silt flowing downstream. Many people, displaced by flooding from the Three Gorges Dam project, have been relocated to Chong Ming, creating a big impact on the island.

In Hong Kong, I visited an area of restored wetlands, where some of my favorite black-faced spoonbills had arrived on their migration route. I hope to link R&S groups along the migration route of these beautiful birds.

I next arrived in Taiwan for my 10<sup>th</sup> visit in as many years. Forty-five R&S groups took part in an animal parade wearing homemade animal costumes. I dressed up as a black-faced



spoonbill—Taiwan is where I first fell in love with them. I started the parade with a pant hoot, climbed into a float and we paraded through downtown Taipei for two hours.

I spent a very special day with an indigenous tribe in southern Taiwan. When Taiwan was under Japanese rule these people were forced from their mountain homes. Now, some are returning, reestablishing their almost forgotten culture. I visited the chief's house to witness a special ceremony intended to bring the ancestral spirits back to that place. The people enticed the spirits with chanting and food offerings. Then everyone joined in a feast—delicious “dumplings” made of leaves from the forest for me, meat from the chief's pig for



everyone else. Afterwards, I addressed the whole tribe under a huge tree and we ended with dancing.

Roots & Shoots members at Singapore American School have built a “Sensory Trail” for the blind. I was blindfolded and guided by the students for the whole trail. At first I thought I would peek, but then I decided that that would be cheating! It was a fascinating experience—touching, smelling and even tasting the leaves, bark, fruits and a termite mound!

In Seoul, South Korea I attended a very special “Four Bowl” food honoring at a Buddhist temple, as well as a reception for Ban Ki-moon, then the United Nations Secretary-General designate. I had a chance to talk to him about R&S and how, to support the U.N. International Day of Peace, our groups around the world fly Giant Peace Dove puppets.

Soon, I returned to Europe. In Rome I went to an incredible concert in the Pantheon to benefit JGI and helped open an art exhibition. Then, at last, I was back home in Bournemouth. The six weeks had been exhausting: so many lectures, meetings, media interviews, book signings. But everywhere, in the people I met—staff, volunteers, friends old and new, and all the young people—I found hope for the future.

The last days of 2006 were spent on my next book, Hope for Nature, which is about endangered species brought back from the brink of extinction by extraordinary groups of people. And about what each of us can do to help, including, of course, getting involved with Roots & Shoots.

Dr. Jane

# BULLETIN BOARD

Welcome to the **BULLETIN BOARD**—a place to find new project ideas and connect with other groups around the world. Want to see your group's project featured here? Submit project reports to your national office to be considered for inclusion.

To celebrate National Animal Shelter Appreciation Week in November, Tree Huggers United partnered with the Edmond Animal Welfare Shelter to learn about the life of a shelter animal. The members toured the facility and interacted with some of the animals. The members concluded the trip by giving the shelter homemade cat teasers and dog chew toys, made from recycled materials.

**Tree Huggers United**  
c/o Kelsey Belden  
belden@comcast.net  
Edmond, OK, USA

Roots & Shoots Kids in Action participated in the "2 Million for \$2 Million" campaign sponsored by the Santa Barbara Zoo. The group collected signatures for petitions

asking Congress to provide \$2 million for each of the wildlife species covered under the Multinational Species Conservation Fund program. Members collected as many signatures as possible by taking the petitions to their classrooms.

**Roots & Shoots Kids In Action**  
c/o Jennifer Beckerman  
tennisgirljkb@aol.com  
Santa Barbara, CA, USA

Trident Technical College R&S group teamed with Keeper of the Wildlife—a wildlife rescue and rehabilitation organization in St. George, South Carolina—to build a pen for wild otters. The group also cleaned and painted a large shed attached to the new pen that provides shelter for

the rescued otters. Trident Technical College continues to maintain the otter pen.

**Trident Technical College R&S**  
c/o Patti Newman  
patricia.newman@tridenttech.edu  
Charleston, SC, USA

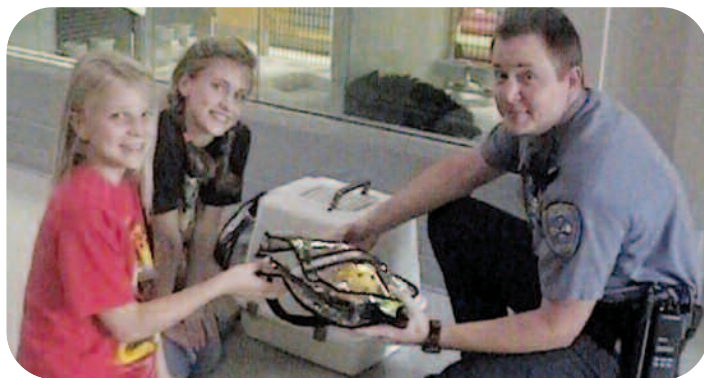
Bethel R&S is participating in an ongoing effort to observe amphibians for the Loudoun, Virginia Amphibian Monitoring Project. The project involves looking under rocks and logs for salamanders, listening for frog calls and looking for frogs and their eggs. The Bethel R&S group is learning that amphibians are environmental indicators, signaling, for example, poor water quality.

**Bethel R&S**  
c/o Nancy S. McCarry  
geomom@lucketts.net  
Leesburg, VA, USA

Rancho San Diego R&S builds nest boxes to sell and provide nesting spaces for local barn owls. These owls lost most of their nesting sites in the San Diego, California wildfires of 2003. The barn owl boxes, which cost \$45.00 (USD) each, are a safer alternative to other forms of pest control such as pesticides. Barn owls can eat 100 rodents a year so making a home for them can help get rid of these pests in a more natural way.

**Rancho San Diego R&S**  
c/o Marion Soloway  
msoloway@cox.net  
El Cajon, CA, USA

BULLETIN BOARD BULLETIN BOARD BULLETIN BOARD BULLETIN BOARD BULLETIN BOARD



*Tree Huggers United members give their local animal shelter homemade cat teasers and dog chew toys made from recycled materials.*



*During a R&S Peace Day event held in Los Angeles, California at Griffith Park, participants learn about exotic pets that are abused, such as this hyacinth macaw.*

*Nathan Shih, a member of Berkeley Roots & Shoots in California, reads Dr. Seuss' The Lorax to two youth at LeConte Elementary School as part of his group's environmental youth education initiative. The group offers fun, weekly after-school classes that teach students about environmental science and social responsibility.*



*Every school year Tom McCall Roots & Shoots in Oregon discusses the message of peace found in the story of Sadako and the Thousand Paper Cranes. Along with other children all over the world, the group sends at least 2,000 paper cranes to Hiroshima, Japan each year.*



*A student at Li Min Migrant School plays with toys donated by the Victoria Century Garden Kindergarten in Shanghai, China. The kindergarten class held a party to present their donations, which included clothes, toys and books.*



# COMMUNITY HUMAN

## BULLETIN BOARD BULLETIN BOARD BULLETIN BOARD BULLETIN BOARD BULLETIN BOARD

Using donated scrap fabrics, each member of Aurora Quest Academy R&S designed and completed a one-of-a-kind quilt. All the quilts were donated to Project Linus, a nonprofit organization that donates blankets and toys to children in hospitals. Their blankets were given to children at Parker Children's Hospital. Most of the materials for the quilts were donated by families and staff at the group's school.

Aurora Quest Academy R&S  
c/o Erinn Hill  
erinnhill@yahoo.com  
Aurora, CO, USA

The Roots & Shoots Science Club at Tomah High School partnered with the school's National Honor Society to participate in the Polar Bear Plunge. The R&S members

raised \$894 for the Special Olympics of Wisconsin. As a reward, the group was allowed to jump into the freezing Black River in La Crosse, Wisconsin. Sixteen members and Tomah High School's principal braved the cold water and froze for a reason.

Roots & Shoots Science Club  
c/o Jeff Adams  
jeffreya@tomah.k12.wi.us  
Tomah, WI, USA

Madison 4-H Roots & Shoots connected with the residents of the Madison Manor Nursing Home during a springtime project. The R&S group met at a local park to plant donated pansies in pots that they decorated themselves with bright tissue paper. The flowers were then delivered by the group members to the residents of the

nursing home along with springtime songs.

Madison 4-H Roots & Shoots  
c/o Sierra Hollister  
sierrahollister@mindspring.com  
Mars Hill, NC, USA

Victoria Century Garden Kindergarten worked with Roots & Shoots-Shanghai to raise money and collect clothes and books for the Li Min Migrant School, a school for migrant children whose families cannot afford to pay for school. The kindergarten class held a party to present their donations to the Li Min Migrant School.

Victoria Century Garden Kindergarten  
c/o ZeeZee Zhong  
roots&shoots@  
zuelliegpharma.com.cn  
Shanghai, P.R. CHINA

Roots & Shoots Home-Schoolers collected books to donate to the Family Crisis Center, a facility that provides shelter and assistance to individuals and families affected by domestic violence. The group donated several boxes of books for children, teens and adults. When the books were delivered by the R&S members, they had the opportunity to tour the counseling center and shelter to see how their books would help the facility.

Roots & Shoots Home-Schoolers  
c/o Tammie Averyt  
tammierenea@swbell.net  
Burleson, TX, USA



# Environment

*Darien Nature Center R&S members in Connecticut learn about water ecology by planting small seedlings along a stream. The group also built an indoor watershed and participated in Water Quality Monitoring Month.*



*English Schools Foundation students pick up trash at the first ever Roots & Shoots-Hong Kong Beach Cleanup.*



*A member of Miami Country Day School R&S in Florida recycles at his school in support of the group's Green Campus Campaign. In addition to recycling, the campaign encourages all students to decrease carbon emissions, use fewer polystyrene products and reduce lunchtime garbage.*



## BULLETIN BOARD BULLETIN BOARD BULLETIN BOARD BULLETIN BOARD BULLETIN BOARD BULLETIN BOARD

Coastal Cleanup Day occurs all over the world on the third Saturday of September. To participate in this day, Shasta Roots & Shoots organized cleanups in Shasta County and at the Cottonwood Creek watershed in California. R&S members acted as beach captains, organizing volunteers from schools, 4-H clubs, scout troops, scuba diving clubs, kayak clubs, the Sierra Club, the Audubon Club and the general public. This is the third year that Shasta Roots & Shoots has participated in Coastal Cleanup Day.

Shasta Roots & Shoots  
c/o Karen C. Scheuermann  
kscheuer@c-zone.net  
Cottonwood, CA, USA

South Bay R&S recycled to raise the \$100 necessary to adopt a chimp through the Jane Goodall Institute's Chimpanzee Guardian program. The members collected bottles and cans and took them to the local recycling center for a cash refund. Money from recycling was collected at each meeting, and in September, the group adopted the chimp Baluku. *For information on how your group can adopt a chimp, visit [www.janegoodall.org/chimp\\_guardian](http://www.janegoodall.org/chimp_guardian).*

South Bay Roots & Shoots  
c/o Christine Vidovich  
cnvido@cox.net  
San Pedro, CA, USA

With the Super Bowl in town, Miami Country Day School partnered with NFL Environment to help offset the carbon emitted during the football game. The group

built and distributed 25 sets of recycling bins—one bin each for paper, bottles and cans—for use in the International Media Center. Miami Country Day School students encouraged nearly 3,500 journalists from around the world to recycle.

Miami Country Day School R&S  
c/o Cynthia M. Hori  
cynbin@bellsouth.net  
Miami, FL, USA

Over 70 Roots & Shoots-Hong Kong members attended the first ever R&S Beach Cleanup. The day was spent working hard to clean up Silvermine Bay, a popular beach on Lantau Island. The group's efforts were recognized by local government authorities who were thrilled

to see so many enthusiastic young people making a difference.

Roots & Shoots-Hong Kong  
c/o Corinne Kassay  
corinne@janegoodall.org.hk  
HONG KONG

One hundred twenty members of the Darien Nature Center Roots & Shoots group went on an excursion into the world of water. The group built an indoor watershed, participated in World Water Quality Monitoring Month, planted small plants along a stream and learned about animals that need clean water to survive. The children learned that how humans dispose of waste and treat the land directly affects water quality.

Darien Nature Center R&S  
c/o Nina Miller  
pokebox@aol.com  
Darien, CT, USA

## Walt Disney's Wildlife Conservation Legacy Continues



From left to right: Bob Iger, Disney's CEO; Jane Goodall; Isabella Rossellini, actress; Wangari Maathai, Nobel Peace Prize winner; Kim Sams; Iain Douglas-Hamilton, elephant expert; John Cleese, actor/comedian; Jerry Montgomery, Disney's Sr VP of Public Affairs; and Beth Stevens, VP of Disney's Animal Kingdom and Animal Programs.

Kim Sams is the manager of Walt Disney World Conservation Initiatives, overseeing the Disney Wildlife Conservation Fund (DWCF). In 2006, the DWCF reached an important milestone of giving a total of \$10 million to support more than 500 wildlife conservation projects worldwide under Kim's direction. In fact, Disney has worked with several JGI projects over the years and Dr. Jane has been a longtime supporter of Disney's Animal Kingdom and their commitment to conservation, education and research. Incorporating Walt Disney's attitude toward responsible business practices, the DWCF is working to make a positive and hopeful global impact. To learn more about the DWCF, visit [www.disneywildlifefund.com](http://www.disneywildlifefund.com).

**R&S:** What is your educational and/or professional background?

**KS:** I received my bachelor's degree in journalism from the University of Florida back in the day of typewriters. In 1990, I began working for Disney in Community Relations and have been with them ever since. I have volunteered for several years in leadership roles with United Way, the Volunteer Center of Central Florida and the University of Florida. I currently serve on the advisory council of a local community college.

**R&S:** Tell us about your work responsibilities and daily routine.

**KS:** No two days are alike when working with wildlife causes. Every day I seek to build relationships with environmental and animal-related nonprofit organizations. In addition, I collaborate with other Disney businesses (TV, films and consumer products) to promote conservation and work with them on their approach and content relating to animals. I also have the opportunity to work with Disney's Animal Kingdom Advisory Board, which is comprised of the top experts in the fields of conservation, education and research.

Most importantly though, it's my responsibility that Disney's wildlife conservation legacy continues well into the future.

**R&S:** What is your favorite part of your job? Your least favorite?

**KS:** My favorite part of my role here at Disney is helping to connect the resources with true needs to address conservation issues. I also really enjoy connecting people so that they may approach a problem as a unified force. The most difficult part of my job is not being able to fund every single project that comes to us for consideration. There are never enough resources to provide support to everyone, but we can all keep trying! Saying no is not easy when there are so many critical needs in the world.

**R&S:** What advice would you give to young people who want to pursue a career in wildlife conservation?

**KS:** Be a sponge and soak up everything you can about wildlife conservation issues. You should seek to build partnerships and relationships throughout your life because they make you stronger and ultimately

allow you to accomplish what you set out to do. One person can make a huge difference and a small group can create a positive movement—just like Roots & Shoots. I believe R&S is a strong force out there that is empowering youth globally to take action. By simply being involved in R&S and working on your community-based projects, you are making a positive difference in the world.

**R&S:** In your opinion, what is the best action that young people today can take to make a difference?

**KS:** Pick something that you are passionate about and funnel that passion into an initiative. You should strive to become a champion for that cause and be sure to tell people about what you are doing. One should never underestimate the power of communication—there is always some way to share your message and passion with others. I also encourage each of you to consider the many different career options available related to animals and conservation. There is a huge need for young leaders to champion conservation on behalf of people, animals and the environment.

Climate change is a global issue, and Roots & Shoots is a global network. Our members go from building awareness at school to saving energy at home, the Roots & Shoots network is growing.

Photo by: John Quigley/Spectral Q



# Stop Climate Change

## SYMPTOMS

Soaring temperatures, melting ice caps, rising oceans, endangered species, threatened ecosystems

## DIAGNOSIS

Climate change

## TREATMENT

Roots & Shoots action

## LEARN FOR YOURSELF

The **Southern Maryland Planet Protectors** in La Plata built their own battery cells from pennies, salt, paper towels and aluminum foil. They discussed the differences between their homemade batteries and commercially available batteries and the environmental importance of proper battery disposal. Each family designated a special spot in their home to store used or dead batteries to ensure they make it to the recycling center and don't end up in the garbage.

**Roots & Shoots Poblenuo** of Barcelona, Spain took a vacation at Les

Planes de Son Center (Center for Sustainable Development of the Pyrenees) in Catalonia, Spain. By learning about the building's green design features—such as solar panels, a grass roof and recycling bins—the family group gathered some ideas for conserving energy at home. They also visited the center's "sensations forest," learned about endangered species and pet animals at the center's rehabilitation center.

Members of **Earthsavers R&S** in Scotch Plains, New Jersey organized an "energy-free day," during which families went without electricity for 24 hours. Group members turned down thermostats, used candles in place of lights and walked where they could, instead of driving. The following week they had a discussion to learn from their experience and brainstorm more ideas for reducing energy consumption, recycling materials and conserving water. The group plans to designate one energy-free day for each season.

## EDUCATE OTHERS

As part of the Campus Climate Challenge Week of Action, **WSU R&S**

at Washington State University in Pullman hosted free showings of the documentary *An Inconvenient Truth*. To promote the event, group members set up display boards on campus, showed the movie trailer and gave out hot chocolate. Not only did they draw more than 50 attendees but the group gained five new members from their event. After the movie, attendees discussed global warming and signed a petition to send to Congress.

**Miami Country Day School Roots & Shoots** in Florida held an assembly for their school's middle and upper divisions, in which they presented the idea of "green" schools to 700 students and 60 faculty members. They reminded students that each individual can make a difference, helping to reduce ozone depletion and carbon emissions and increase "green spaces" and recycling.

In April, **Sprouts of Hope Roots & Shoots** in Cambridge, Massachusetts organized a Kids Walk Against Global Warming, in which they formed a human chain across Boston Common to mark what may become Boston's future waterfront if global warming continues.

have the power to help, and they're doing just that. From staging public demonstrations network is mobilizing with strategies and solutions to help stop climate change.



# Climate Change

They wore blue clothing, snorkels and life vests and carried homemade signs about global warming. With support from the Roots & Shoots New England Regional Office, the group invited other Roots & Shoots groups, as well as community members, to join them in their event.

**Resources for Health Roots & Shoots** in Arizona hosted a table at the Ninth Annual Green Building Expo, sharing information about their group's projects and the Roots & Shoots program with nearly 4,000 attendees. They distributed "Eco-Treasure Hunt" questionnaires to young visitors to fill out and earn a free pass to the Phoenix Zoo. Group members also handed out snacks and gave demonstrations of both homemade and commercial solar cookers.

## MAKE IT HAPPEN

**Roots & Shoots-Shanghai** members have been involved in video teleconferences with students in Montgomery County, Maryland to discuss climate change initiatives. From these discussions, the group hopes to generate creative strategies that can be used in both

countries. In addition, the staff members of R&S-Shanghai, with volunteers, recently planted more than 2,000 trees in Inner Mongolia to help with carbon off-setting!

In an ongoing project called "Caught You Green-Handed," members of **Seven Hills R&S** in Cincinnati, Ohio try to "catch" faculty engaging in "green" acts, such as turning off classroom lights, recycling, composting and carpooling. The names of "caught" faculty members are entered into a drawing conducted every two weeks, and the winning teacher receives a certificate and small gift. At the end of the year, R&S members host a special lunch for all winning teachers.

**Murrindindi Roots & Shoots** in rural Australia organized a screening of the documentary *An Inconvenient Truth* at their local cinema. The group solicited financial support from their local government, and the event drew a full house! After the film, they offered refreshments and held a community discussion. This discussion led to more workshops and, eventually, the founding of a local group called Murrindindi Climate Network

(MCN), which includes representatives from several local groups. MCN has a lot of plans for the future, including establishing a regular column in local media and holding a "Cool the Globe" Fun Day with activities focusing on solar energy.

At Old Country Road School In North Providence, Rhode Island, **O.C.R.S. R&S** is participating in a district-wide energy conservation initiative called "Kill a Watt." By turning off unused computers, monitoring heat use and using overhead lighting more prudently, O.C.R.S. Roots & Shoots has helped its school achieve energy savings that their school district's energy manager says, "equates to removing 101 cars from the road or planting 210 acres of trees!"

Think you want to get involved? For resources, check out "The DIRT" in the News/Events section of the Roots & Shoots website at [www.rootsandshoots.org](http://www.rootsandshoots.org). "The DIRT" is your source for information on how to dig in and take action. Roots & Shoots members can get more climate change project ideas by searching the online Project Database in the "Energy" category.

# CLIMATE CHANGE

## MYTHS, FACTS, RESOURCES

**fact** The effects of climate change are already being felt.

As reported in April by the United Nations' Intergovernmental Panel of Climate Change, there is little doubt in the scientific community that humans continue to cause the earth to warm. The results of a warming climate are being felt all over the globe. In his Oscar-winning documentary, *An Inconvenient Truth*, former U.S. Vice President Al Gore gives examples of just how a warming climate is affecting the earth:

- Mount Kilimanjaro has lost 75 percent of its ice cap since 1912.
- India's worst heat wave in 50 years killed more than 2,500 people in 1998.
- The number of Category 4 and 5 hurricanes has almost doubled in the last 30 years.
- At least 279 species of plants and animals are moving closer to the poles to stay within their climate comfort zones.

Every time we ride in a car, turn on a light, watch TV or throw out trash we indirectly create greenhouse gases. Almost any activity that requires electricity increases our consumption of fossil fuels such as gasoline and coal. When fossil fuels are burned, carbon dioxide, a greenhouse gas, is released. Greenhouse gases work as a blanket covering the earth, keeping it warm.

**myth** My electric appliances do not use energy when they are turned off.

Most electric appliances continue to use energy even when they are turned off. Look for appliances with low standby energy consumption, Greenpeace International suggests; this information can be found in the product manual. Another great way to cut down on the energy used during "sleep mode" is to plug your appliances into one power strip, which can be easily switched off and on.

### resources

- The United States Environmental Protection Agency provides a "Climate Change Kids Site" with games, links and information for teachers at [www.epa.gov/climatechange/kids](http://www.epa.gov/climatechange/kids).
- Visit the documentary *An Inconvenient Truth's* website at [www.climatecrisis.net](http://www.climatecrisis.net) to download 10 simple tips to fight global warming and to

learn how to become carbon neutral.

- Join a virtual march against global warming at [www.stopglobalwarming.org](http://www.stopglobalwarming.org).
- To find businesses leading the way and updates on climate change policies, visit the Pew Center Global Climate Change website at [www.pewclimate.org](http://www.pewclimate.org).
- Take a quiz about global warming and watch a Hot

**fact** You can become carbon neutral.

Use a carbon calculator to see how much carbon dioxide you create and then learn about how to bring your carbon emissions down to zero.

Some calculators to try online are:

[www.climatecrisis.net/takeaction/carboncalculator](http://www.climatecrisis.net/takeaction/carboncalculator)

[www.carboncalculator.com](http://www.carboncalculator.com)

[www.safeclimate.net/calculator](http://www.safeclimate.net/calculator)

**myth** Nothing I do will make a difference—the problem is too big.

While it's true that the greenhouse gases already present in the atmosphere will continue to warm the earth for years to come, we still have time to stabilize these effects and avoid the worst consequences, according to the Pew Center on Global Climate Change.

You don't have to make huge lifestyle changes to make a difference. Recycle, use public transportation or ride a bike, adjust the thermostat to use less air conditioning and heat—all of these small actions add up to make a big difference.

Also consider replacing your incandescent light bulbs with compact fluorescent light (CFL) bulbs. CFLs use less electricity and last longer, making up for their slightly higher price tag.

Another great way to help curb the effects of global warming is to plant trees, which absorb carbon dioxide. Start making a difference today and get involved with the Roots & Shoots Youth Leadership Councils' new tree planting campaign, ReBirth the Earth: Trees for Tomorrow. Visit [www.rootandshoots.org/campaigns/trees](http://www.rootandshoots.org/campaigns/trees) for more information.

Spots Slideshow on the Discovery Channel's website at [dsc.discovery.com/convergence/globalwarming/globalwarming.html](http://dsc.discovery.com/convergence/globalwarming/globalwarming.html).

• The National Arbor Day Foundation will give you all the information you need to help combat global warming by planting trees at [www.arborday.org](http://www.arborday.org).

• Study the basics and try a Global Warming Word Search on the Weekly Reader website

at [www.weeklyreader.com/featurezone/global\\_warming.asp](http://www.weeklyreader.com/featurezone/global_warming.asp)

• Learn what the United Nations Environment Programme is doing to help the world understand, mitigate and adapt to climate change at [www.unep.org/themes/climatechange/index.asp](http://www.unep.org/themes/climatechange/index.asp).

Looking for more ways to help? Check out "the DIRT" in the News/Events section of [www.rootsandshoots.org](http://www.rootsandshoots.org).

# THE accidental environmentalist

By Garth Katner, Roots & Shoots-USA Great Lakes Regional Director

“You’re working for THE Jane?”

That’s the first question I get when I tell friends and colleagues that I’m now leading the R&S team here in the Great Lakes region. I assure them that indeed I am because through Roots & Shoots Jane Goodall is encouraging young people to improve our world through service-learning projects for animals, the environment and the human community. Then they usually follow-up with: “And you’re an environmentalist now?”

It’s not that they don’t know I’ve been car-free for eight years or that my enthusiasm for restoring old bicycles eventually steered me into the simple living movement—a lifestyle focused on decreasing consumption. Nor are they surprised I’m continuing my professional journey promoting youth leadership development. They know that I’ve spent the last decade working with young people in the Balkans, the Caucasus and Central Asia. They know that my passion lies in helping diverse communities find local solutions to global challenges through education reform and a focus on civic engagement.

What they don’t realize—indeed what I didn’t realize myself until recently—is that becoming the R&S Great Lakes Regional Director is the logical, if surprising, next stage in both my personal and professional evolution. When I first came to Chicago in 2000 I didn’t expect to be here for very long. After setting up the global programs for The Great Books Foundation, I planned to head back to Bosnia-Herzegovina and establish my own experimental high school. Instead, I fell in love with Chicago, its diverse neighborhoods and the local organizations serving young people. This shouldn’t have been so surprising since, except for

a few years, I’ve never lived very far from the shores of the Great Lakes.

Chicago quickly became my community even as I spent time abroad working with local education institutions and youth leaders. While developing a university curriculum in Tajikistan for the Aga Khan Development Network, I soon learned, much like Dr. Jane did, that strengthening local communities and protecting their surrounding eco-systems are two sides of the same coin. After my arrival, an outbreak of typhus—a bacterial disease that can be contracted through contaminated water—temporarily closed the university. Reforming the curriculum wouldn’t do much good unless students and teachers had access to clean drinking water. And the lesson didn’t end there.

Everywhere I went, including Azerbaijan on the contaminated shores of the Caspian Sea, young leaders were fighting hard for democracy and the environment, being both creative entrepreneurs and ecological stewards, as well as promoting the rights of humans and animals alike. In northern Nigeria as well as the southern Philippines, Christian and Muslim youth were helping to resolve communal conflicts in order to encourage sustainable farming practices. And this lesson was not limited to these countries.

In 2005, Hurricane Katrina devastated the Gulf Coast here in the United States. Among the ecological refugees were my aunt, uncle and 10 cousins who were born and raised in New Orleans. None were injured but all lost their homes. Almost immediately I joined the national effort to clean up and rebuild the city. That experience was much more personal than any of my previous ones overseas. It convinced me of the absolute



need to confront global warming and the incredible opportunity for engaging an emerging generation of young leaders in doing so.

And so, I find myself here in the R&S Great Lakes Office—accidentally, happily, passionately an environmentalist.

*Garth Katner joined the R&S-USA team in January 2007. He brings 15 years of professional and volunteer experience collaborating with youth development organizations that serve diverse communities in the Chicago area as well as the Balkans, Central Asia, South Asia and West Africa. Garth holds a doctorate in political science from the University of Illinois at Urbana-Champaign. He can be reached at [gkatner@janegoodall.org](mailto:gkatner@janegoodall.org).*

# ROOTS & SHOOTS around THE WORLD



## Roots & Shoots Week Festivities Held in Tanzania

Roots & Shoots-Tanzania celebrated the 16<sup>th</sup> Annual Roots & Shoots Week in February. The celebration commemorates the founding of the Roots & Shoots program by 16 Dar es Salaam students and Dr. Jane in 1991.

To start off the week of festivities, schools planted trees and delivered food and gifts to local orphans.

On February 24, about 400 students marched together in a parade to promote the use of environmentally-friendly reusable cloth bags. The students carried banners, sang songs, cheered and distributed cloth bags along the parade route.

After the march, all the students gathered for a celebration of their hard work and achievements over the past year. The guest of honor, Col. Fabian Masawe, the District Commissioner of Kinondoni, presented Certificates of Recognition and Appreciation to participating schools.

The event concluded with performances from Tanzanian musical artists. Afterwards, news stories appeared in several newspapers highlighting the event.

---

*Four hundred R&S-Tanzania members promote the use of reusable bags during the 16<sup>th</sup> Annual R&S Week.*

## Roots & Shoots Safeguards Endangered Turtles

Dr. Supraja Dharini had no previous experience with sea turtles until one day in December 2001, when she came across a dead turtle on the beach near her home. She was reminded of Dr. Jane's inspirational quote that "every individual makes a difference" and was motivated to action.

Dr. Dharini founded the Trust for Environment Education (TREE) Foundation in her native Chennai, on the eastern coast of India. The TREE Foundation and its R&S group work to protect the nesting sites of the endangered Olive Ridley turtle.

The turtles are most vulnerable when they first hatch. Babies have to cross a

treacherous stretch of beach to reach the safety of the open ocean; predatory birds feast on the exposed turtles and invasive plants trap the hatchlings in their tangled branches.

The TREE Foundation trained several young men from the local fishing villages to patrol the beaches and keep track of the nesting sites. Boys who had previously only used turtle eggs as cricket balls were now carefully relocating turtle eggs to enclosures, protecting them until they hatched.

The young men, now known as the Sea Turtle Protection Force, hand deliver each newly hatched baby to safety at the ocean's edge, giving the turtles a fighting chance for survival.





*The International Rescue Committee established R&S Youth Clubs at Shimelba Refugee Camp where members build houses, care for animals, plant tree seedlings and spread awareness about local environmental and health issues.*

## Bringing Hope To An Ethiopian Refugee Camp

Shimelba Refugee Camp, home to 12,000 Eritrean refugees, is situated in a hot, dusty landscape close to the Eritrean border. Established in 2001, the camp has a steady flow of arrivals fleeing an oppressive regime in Eritrea.

The Roots & Shoots Youth Clubs at Shimelba were established three years ago by the International Rescue Committee (IRC), a humanitarian organization that offers education and health services to people in need. The IRC workers wanted to rebuild the self-esteem and courage of young refugees who had lost so much in their lives.

The R&S groups have started building 50 houses for camp residents who are elderly, have mental illnesses or are young women. A team of 15 young people can build a house in two days.

Shimelba R&S members also help care for the camp's animals. Every two weeks they clean the water bins used by the camp's goats, donkeys, dogs, poultry

and camels. "Sometimes, unconsciously, people abuse or neglect their domestic animals," says Baihalu Mekonnen, IRC's Youth Program Officer, "so we just try and raise awareness about animal care."

Because refugee camps like Shimelba crowd many people into a small area, they often put stress on the surrounding natural environment. To help resolve this problem, R&S members have planted seedlings and are encouraging other community members to do the same.

"Many of [the young people] would be just sitting around getting depressed or frustrated," Baihalu says. "Roots & Shoots is one way to keep the youth busy and doing something constructive to contribute something to their community."

*IRC's Roots & Shoots Youth Club Programs in Shimelba and Yarenja Refugee Camps have been made possible with support from UNHCR and Stichting Vluchteling.*

## Roots & Shoots- Australia Helps Wildlife During Bushfires

Last year, Victoria, Australia experienced one of the longest fire seasons in its history—69 days for just one major fire.

Many R&S-Australia members live in fire-vulnerable areas and had to prepare their properties for fire. This involved many hours of raking, ordering new water tanks, removing the highly-flammable, native plant Oven's wattle, placing fire blankets in their cars and creating kids' "go-bags" (pre-packed suitcases in case of an evacuation).

Several of these R&S members are certified wildlife caretakers, including the 2005 Prime Minister's Environmentalist of the Year, Lizzie Corke. Lizzie and others helped rescue animals hurt in the fires. Koalas were particularly vulnerable, with many of the survivors suffering burns and many young koalas orphaned.



Other R&S groups organized community collections of blankets, sheets and money to donate to the volunteer organization, WildLife Victoria, which assists caretakers in their work.

Murrindindi R&S members were also involved in helping remove barred galaxias, a small, native, critically endangered fish, from fire and drought affected streams. Many members were involved in the fires through their professional fire roles with state government agencies or through volunteer roles with the Country Fire Authority.

## creative corner

### The Council of Species

The creator of the Giant Peace Doves, Matthew Hoffman, is at it again with a giant new project—The Council of Species. This time Matthew is helping to create endangered animal and plant masks, costumes and, yes, giant puppets. These items will be used in parades and performances to educate communities about local endangered species.

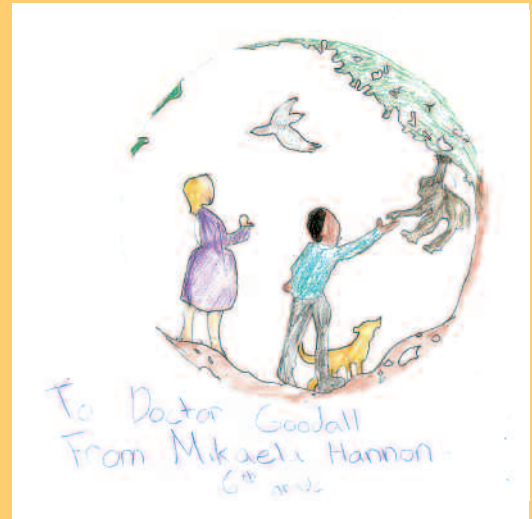
The Council of Species has been a successful program with the Natural World Museum in San Francisco and has appeared in 15 schools. The Council's first performance was on June 5, 2005 for the United Nations World Environment Day opening ceremonies. Since then, it has traveled across North America appearing at festivals and touring with bands like Michael Franti and Spearhead and The String Cheese Incident. The Council also made an appearance at Peace Day in Los Angeles in September 2006.

Visit [www.councilofspecies.org](http://www.councilofspecies.org) to learn how to create your own Council of Species and share it with the World!



**Above:** Matthew Hoffman poses with two parade participants during the 2006 Los Angeles Roots & Shoots Peace Day event. Matthew used recycled materials to create costumes, including an octopus, butterflies, the ends of a river and redwood trees. Matthew himself was a salmon. Over 2,000 people attended the day's events.

**Above right:** A drawing of the Roots & Shoots logo by Mikaela Hannon, age 11, a member of Moscow Roots & Shoots in Idaho. Mikaela met Dr. Jane and helped "fly" a Giant Peace Dove puppet during her Washington State University lecture.



### A Plea of Wild

by Karujubu Roots & Shoots  
Masindi District, Uganda

People, People, why do you cut me?  
I make the world look most beautiful  
A home of many creatures  
Monkeys, insects, birds and snakes  
People, People, protect me  
Not only as a home for creatures  
But I also provide Timber  
For building, making furniture  
And am used by humans as a home  
of rest after death  
People, People, stop destroying me  
I transpire, giving off moisture to form clouds  
Which increases rainfall  
People, People save my life  
I am a resource for research  
For medicine, food and other industries  
People, People I am of great importance  
Containing a range of plants and animals that  
tourists like to visit earning foreign exchange  
People, People save me  
As I save you too  
And other creatures  
Cut me and plant more  
To conserve the environment!

# international news Briefs

## Australia

Roots & Shoots seeds planted in Australia continue to sprout with new groups emerging all the time. Office space has been kindly donated by Philip Wollen, 2007 Victorian Australian of the Year. Phil is a philanthropist committed to helping NGOs develop through the Kindness Trust. R&S-Australia is deeply grateful for his generosity and is excited to finally have a base. The small team of volunteers looks forward to the continued growth of R&S-Australia.

## Canada

JGI-Canada is thrilled to announce a new partnership with the University of Toronto that will see the national office located in the University's Centre for the Environment. With the relocation from Montreal, JGI bids farewell to Valerie Girard, R&S Membership Coordinator, and Gail Grolimond, founding Executive Director of JGI-Canada. JGI is delighted to welcome Jane Lawton, the new Executive Director of JGI and Kelly Spence, the new R&S intern.

## China

Roots & Shoots-Beijing is launching a new campaign, "Eco Action Beijing: Saving Our Water," in 30 local middle schools to raise awareness about the critical lack of healthy water in the city. A group of graduate students from Columbia University's School of International and Public Affairs is currently working with the R&S-Beijing Office to measure and analyze the local impact of the Roots & Shoots program. Roots & Shoots-Shanghai is launching a new office survey and assessment project that will help employees of participating companies understand how to make their offices more environmentally friendly.

## Hong Kong

JGI-Hong Kong recently joined forces with the Hong Kong Environmental Protection Department to create and run a series of Student Leadership

Programs. The program aims to include 150 secondary students from all over Hong Kong, giving them a chance to learn more about their local environment and community and also to develop their own Roots & Shoots projects within their schools. In March, Roots & Shoots conducted a workshop on Environmental Awareness in Hong Kong, demonstrating how English teachers can help younger students increase their awareness of environmental issues.

## Portugal

Roots & Shoots-Portugal continues to grow. New groups have sprung up as a result of four R&S workshops held for the general public. There are now eight groups actively completing projects. After meeting R&S-Nepal Coordinator Manoj Gautam at the first R&S Global Meeting in the Netherlands last September, Constança Carvalho of R&S-Portugal was inspired to travel to Nepal to help develop the country's R&S program. While there, Constança worked to build a rehabilitation center for animals.

## South Africa

JGI-South Africa has recently started to participate in ChimpanZoo, JGI's international research program dedicated to the study of chimpanzees in zoos and other captive settings. Started in the U.S. in 1984, ChimpanZoo is the largest ape research program ever undertaken. The ChimpanZoo study in South Africa was launched with the University of the Witwatersrand and the Johannesburg Zoo. Two groups of Gauteng schoolchildren, from Beaulieu College and Northcliff High School, are assisting researcher Luke Duncan with data collection. The students are enthusiastic about the project and many feel privileged to take part in observing chimpanzees.

## Spain

In February Dr. Jane visited Barcelona where she participated in a R&S tree planting and visited the new chimp

installations at the Barcelona Zoo. She also presented the Spanish edition of *Harvest for Hope* and attended a Tchimpounga Sanctuary video session at the Science Museum. The video was created by JGI-Spain president, Ferran Guallar, who spent his summer holiday in Tanzania collecting footage. Dr. Jane's visit attracted public interest and was well-covered by the media. The first groups already affiliated with R&S-Spain are Green Teens and R&S-Poblenou. JGI/R&S-Spain is proud to announce the official JGI-Spain inauguration event that will take place in May as well as their new website, [www.janegoodall.es](http://www.janegoodall.es).

## Uganda

Roots & Shoots-Uganda held a cleanup competition, encouraging groups to clean up schools and communities. Members participated in an essay and poster drawing contest. R&S-Uganda celebrated R&S Day of Peace on September 30 with 85 members in attendance, constructing Giant Peace Dove puppets and "flying" them. In 2007, R&S groups in Uganda will be focusing their projects on the themes of Clean Up the World, Animal Welfare and Promoting Peace.

## United Kingdom

Roots & Shoots-UK is busy working on its interactive website for teachers and students. Staff members are developing an exciting and fun teaching pack with a range of R&S activities. About 50 primary and secondary schools will try out these new resources.

## United States

In December, R&S-USA said goodbye to Membership Coordinator Sara Montag. Sara is pursuing a six-month commitment to R&S-Tanzania, developing their new international volunteer program. Sara's replacement is Amy Vaerewyck, formerly a stellar R&S intern and an AmeriCorps veteran with a background in creative writing and journalism. Please join us in welcoming Amy with open arms!

# are you ready To panda miTi?

Panda Miti means “plant trees” in Kiswahili, and the R&S Youth Leaders hope that young people all across the globe will do just that as part of the ReBirth the Earth: Trees for Tomorrow campaign. The objectives of this new youth-led campaign are to plant native trees around the world while raising funds to build five new tree nurseries in Tanzania.

During a trip to Tanzania in the summer of 2006, the Roots & Shoots Youth Leaders recognized that R&S groups in Tanzania were in need of funds for tree nurseries as the demand for fuel and farmland had caused widespread deforestation.

With support from Animal Planet and the National Arbor Day Foundation, campaign participants will obtain sponsorships for every tree they plant, and the money raised will provide funding for the

Tanzanian tree nurseries. The new tree nurseries will provide Tanzanian R&S groups with seedlings, serve as a hub for sustainable forestry and conservation education and generate income to support Roots & Shoots projects throughout Tanzania. The goal is to raise \$10,000 by planting 3,000 trees in the United States and other countries.

Globally, communities will also feel the impact of this project. In urban environments, trees lower cooling costs by providing valuable shade while creating wildlife habitat. They also anchor soil to reduce storm water runoff, which pollutes waterways. Perhaps most importantly, trees absorb carbon emissions from vehicles and industry, ultimately helping to curtail climate change.

ReBirth the Earth is a chance for R&S members to come together on a global scale and preserve the world for future



*Roots & Shoots-USA Youth Leaders plant trees during their retreat at Disney World in Orlando, Florida.*

generations. Find campaign materials and instructions on how to get started at [www.rootsandshoots.org/campaigns/trees](http://www.rootsandshoots.org/campaigns/trees).

**Roots & Shoots Global Offices** Please contact these offices for more information on country-specific R&S programs. To find out more about Roots & Shoots activities in a country not listed here, please contact the Roots & Shoots-USA National Office or look for groups in specific countries by using our online Find a Group feature at [www.rootsandshoots.org](http://www.rootsandshoots.org).

**USA National Office**  
4245 North Fairfax Dr., Ste. 600  
Arlington, VA 22203  
[roots-shoots@janegoodall.org](mailto:roots-shoots@janegoodall.org)  
[www.rootsandshoots.org](http://www.rootsandshoots.org)

**California Office**  
1840 Alcatraz Ave., Ste. A2  
Berkeley, CA 94703  
[rootsnshoots@janegoodall.org](mailto:rootsnshoots@janegoodall.org)

**Four Corners Office**  
216 Otero Street  
Santa Fe, NM 87501  
[fcrootsshoots@janegoodall.org](mailto:fcrootsshoots@janegoodall.org)

**Great Lakes Office**  
70 East Lake St., Ste. 1500  
Chicago, IL 60601  
[gkatner@janegoodall.org](mailto:gkatner@janegoodall.org)

**New England Office**  
89 South Street  
Boston, MA 02111  
[nerootsshoots@janegoodall.org](mailto:nerootsshoots@janegoodall.org)

**Northern Great Plains Office**  
c/o Bramble Park Zoo  
P.O. Box 910  
Watertown, SD 57201  
[ngprootsshoots@janegoodall.org](mailto:ngprootsshoots@janegoodall.org)

**University Programs Office**  
c/o Western Conn. State Univ.  
181 White Street  
Danbury, CT 06810  
[gfelten@janegoodall.org](mailto:gfelten@janegoodall.org)

**Australia**  
[www.tlpeace.org.au/roots&shoots](http://www.tlpeace.org.au/roots&shoots)

**Austria**  
[www.janegoodall.at](http://www.janegoodall.at)

**Belgium**  
[www.janegoodall.be](http://www.janegoodall.be)

**Canada**  
[www.janegoodall.ca](http://www.janegoodall.ca)

**China (Beijing & Chengdu)**  
[www.jgichina.org](http://www.jgichina.org)

**China (Shanghai)**  
[www.jgi-shanghai.org](http://www.jgi-shanghai.org)

**Costa Rica**  
[www.inbio.ac.cr/roots](http://www.inbio.ac.cr/roots)

**France**  
[www.janegoodall.fr](http://www.janegoodall.fr)

**Germany**  
[www.rootsshoots.de](http://www.rootsshoots.de)

**Hong Kong**  
[www.janegoodall.org.hk](http://www.janegoodall.org.hk)

**Hungary**  
<http://janegoodall.dunamuzeum.hu>

**Italy**  
[www.janegoodall-italia.org](http://www.janegoodall-italia.org)

**Japan**  
[www.jgi-japan.org](http://www.jgi-japan.org)

**Netherlands**  
[www.janegoodall.nl](http://www.janegoodall.nl)

**Portugal**  
[www.spedh.net/htm/roots1.htm](http://www.spedh.net/htm/roots1.htm)

**South Africa**  
[www.janegoodall.co.za](http://www.janegoodall.co.za)

**Spain**  
[www.janegoodall.es](http://www.janegoodall.es)

**Switzerland**  
[www.janegoodall.ch](http://www.janegoodall.ch)

**Taiwan**  
[www.goodall.org.tw](http://www.goodall.org.tw)

**Tanzania**  
[shoots@africaonline.co.tz](mailto:shoots@africaonline.co.tz)

**Uganda**  
[rootsandshoots@jgiuganda.org](mailto:rootsandshoots@jgiuganda.org)

**United Kingdom**  
[www.janegoodall.org.uk](http://www.janegoodall.org.uk)

**roots&shoots**

4245 North Fairfax Drive, Suite 600  
Arlington, VA 22203 USA

Address service requested

NONPROFIT ORG  
U.S. POSTAGE  
**PAID**  
PERMIT #1400  
SILVER SPRING, MD