



NEW DELHI NATURE SOCIETY

MONTHLY NEWSLETTER

www.ndns.in

Issue # 4

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October, 2017

Air Pollution Awareness Workshops



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October, 2017

Diwali is not a festival for air pollution

New Delhi Nature Society collected a group of amazing people from around Delhi who volunteered to dedicate some time and energy to protect our environment by spreading awareness.

This was a free program where we visited and conducted several consecutive sessions for different age groups in each school. After each session, students and teachers signed a pledge to not cause air pollution.

Special thanks to the school principals and teachers for organising this program for the children.

[Click HERE to see a Video of Students reading an Air Pollution Monitor during the program](#)

- The Indian School, Josip Bros, Tito Marg
- The Foundation School, Josip Bros, Tito Marg,
- DAV Police Public School, Gurgaon
- Raja Ram Mohan Rai School, Hauzrani
- G D Goenka Public School, Vasant Kunj
- Tagore International School, Vasant Vihar
- Army Public School, Dhaula Kuan
- Hindu College, Delhi University
- DAV School, RK Puram
- St Thomas School, Mandir Marg
- OPG World School, Dwarka
- Smt. Misti Devi Gyan Niketan School, Najafgarh

Toxic effect
What colours in crackers do you see?

RED: Strontium + Lithium
Strontium replaces calcium in body; sodium chloride is slightly toxic. Lithium produces toxic and irritating fumes when burned.

ORANGE: Calcium
Inhalation of calcium chloride can cause cough, sore throat. Contact can cause dry skin, redness.

GREEN: Barium
Poisonous, fumes can irritate respiratory tract.

BLUE: Copper
Can bio-accumulate in the body and raise cancer risk.

PURPLE: Strontium + Copper
Same as above.

SILVER: Aluminium
Contact skin inflammation and bioaccumulation.

BLACK POWDER: Carbon dioxide, Nitrogen oxides and sulphur oxides
Asthma attacks, heart attack, stroke, lung diseases and cancer.

OXIDISING AGENT: Nitrates, Chlorates or perchlorates
Dangerous for unborn babies.

BINDERS: Dextrin, glue, paper produce, ash, carbon monoxide, volatile organic compounds, polycyclic aromatic hydrocarbons
Irritate eyes, nose, mouth, cause headache, nausea, coordination loss, liver, kidney and brain damage.

Source: Central Pollution Control Board

NDNS covered in Samvada October issue

Vol. XVII No. 10 + October 2017
(New Friends Colony : Vol. XII No. 10)
Website: www.samvada.in

NEW FRIENDS COLONY DELHI

संवाद

from 31 Colonies of S. Delhi: GK-1, GK-II, Def Col, Kailash Col, Panchsheel Encl, Alaknanda, CR Park, GK (Enc-I), GK (Enc-II), Darjung Enclave, Panch Shila Park, Gulmohar Park, S. Extn-II, SDA, Saket (A-F), Saket (G-N), Vasant Vihar, Anand Niketan Sec A, Vasant Kunj Sec B, Vasant Kunj Sec C, Vasant Kunj Sec D4, E2, New Friends Col, Maharani Bagh, Sarita Vihar (A-C), W & 23 Sectors of Noida: Sec 11, 12, 15A, 16, 21, 25, 26, 28, 29, 30, 31, 33+35, 36, 37, 39, 40, 41, 44, 46+48, 47, 50(A-E), 59F, 5 Areas of Gurgaon: DLF Phase I, DLF Phase II, DLF Phase IV, Sushant Lok I & B Block & Essel Towers, Sushant Lok I C & D Block

! Not Your Ability!
ndhi (9871829456)
better place. Rich, poor, battered, and even the very wretched. Some of the greatest heroic acts happen during tragedies; some of the hungriest share their morsels, often from charity, the most!

Why does this happen? According to Dr. Deepak Chopra, "Brain Science says that we have a greater need to give love, than to receive it". I understood this Science when writing a script for short film on development; and asked several people why they were not giving food, money, clothing, time. And the first answer was, "it makes me feel better". There you are, giving love!

SNAP SHOTS

- **Illegal Tree Felling Stopped!** On 29 August 17, the forest department had sent their team to NFC for surveying the trees. RWA president Kanika Pandit along with Verhaen Khanna, NDNS accompanied them in the survey and were able to stop four trees from felling in the colony. The team also made a list of trees which had wires on them, which were cemented and the trees that have been felled. A complete follow up was done with the forest department for a quick action based on the survey.
- **New Plants Planted!** The Sheesham Park adjacent of NFC Club is being planted.

04 metro hindustantimes

Delhi kids swear off crackers

AWARENESS After SC order on ban on sale of firecrackers, New Delhi Nature Society has been conducting workshops at schools and colleges to ensure students don't burst them.

Rohan Khanna
@rohan_khanna

harm to innocent people and animals," Khanna said.

The New Delhi Nature Society team has already conducted workshops at The Indian School (Josip Bros Tito Marg), The Foundation School (Josip Bros Tito Marg), Raja Ram Mohan Rai School (Hauz Ran), DAV Police Public School (Gurgaon), Tagore International School (Vasant Vihar), GD Goenka Public School (Vasant Kunj) and Army Public School (Dhaula Kuan), among others.

The sessions are half an hour each and consist of a briefing and a quiz. Khanna said, "We are talking about the harm of firecrackers to the environment and to each other, to not cause air pollution, Khanna said.

On Friday, Khanna and his team visited Hindu College to

instruct with students there. Shreya Garg, a third-year Zoology (Hons) student, was happy with the "crisp and meaningful" workshop.

"Delhi, the capital city of India, is also known as the pollution capital of the world. Since firecrackers are detrimental to the environment and to each other, to not cause air pollution, Khanna said.

On Friday, Khanna and his team visited Hindu College to

includes the Capital and satellite cities Gurgaon, Faridabad, Noida and Ghaziabad. People who have already bought firecrackers can use them, but new ones cannot be sold.

The court said the impact of the ban on the region's air quality would have to be examined after Diwali. It also suspended all temporary trade licenses issued by police for selling fireworks.

she said.

The Supreme Court reinstated on Monday its ban on the sale of firecrackers in and around New Delhi ahead of Diwali, in a pre-emptive step to steps to curb air pollution in the region this year.

The ban runs until November 1 but there is no prohibition on lighting celebratory firecrackers or their sale outside the National Capital Region, which

Nature Walk.. Exploring Green Zones of Delhi
by Arpita Arora (9810459714)

Every Sunday morning, participants gather to experience nature through a series of Nature Walks organized by NDNS and get to explore the beautiful green areas around. They get to appreciate the flora and fauna around them. Over the past few weeks, they visited Ashoka Park in NFC, Vijay Mandal Park in Malviya Nagar,

Rose Garden opposite IIT, SDA, Deer Park in Hauz Khas and the Butterfly Park opposite Saket Metro Station along with the forest area behind.

During the walk through Deer Park, the participants found several deer with bleeding wounds. The staff there was not of much help as they could not catch the deer. The team led by Verhaen Khanna took all the measures and tried to contact Vet, sent mails to Environment Ministry, Forest Department, Maneka Gandhi (People for Animals) asking for immediate help. They got good support from FFA and Delhi Zoo Vet was finally called who treated the wounded deer.

Volunteer at NDNS

- Use your skills to help the environment
- Learn new skills and information
- Contribute towards the growth of NDNS
- Complete easy tasks to make a big impact
- >>>Click HERE<<<

DONATE to NDNS

Bank Details :

New Delhi Nature Society

A/c no. 630005009354

IFSC : ICIC0006300

ICICI Bank ,B-78 Defence Colony ,
New Delhi 110024

PAYTM - 9711115666

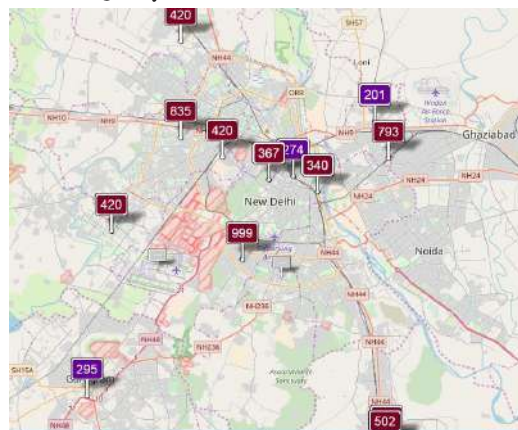
PAN # : AABCS1429B

Air quality spike on Diwali night

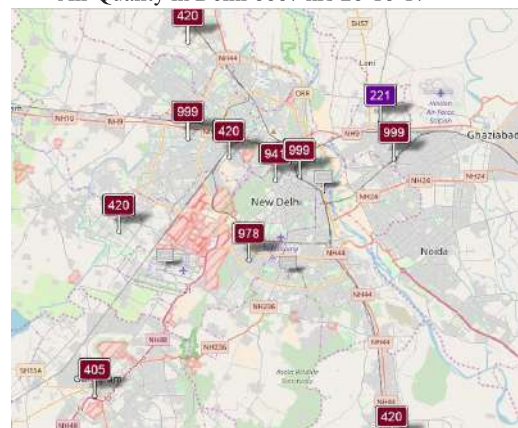
Delhiites Successfully Rebelled Against #CrackerBan & Now They Are Choking On Victory : <http://theindianidiot.com/cracker-ban/>



Air Quality in Delhi 1910 hrs 19-10-17



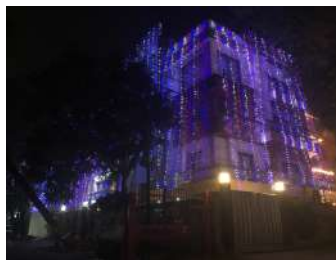
Air Quality in Delhi 0007 hrs 20-10-17



Air Quality in Delhi 0834 hrs 20-10-17

[Air Quality Website : http://aqicn.org/city/delhi](http://aqicn.org/city/delhi)

Diwali Lights in NFC



[Click HERE](#) to see more pictures of decorated homes with lights in NFC

While collecting photographs of beautifully decorated homes, we made a list of homes which participated in burning firecrackers. Compared to the list we made last Diwali, there has been a 66% reduction in the number of houses which contributed to the air pollution by unnecessary firecrackers. The Police and RWA also made a list of the same houses and a few more, since they were burning firecrackers during illegal hours. While thousands of people were happy to see the list and inspired to make a list for their own area, we also received violent and threatening responses from the houses on our list. They were very proud to burn poisonous firecrackers in public space but unhappy that they were seen and listed.

AQI	Air Pollution Level	Health Implications	Cautionary Statement (for PM2.5)
0-50	Good	Air quality is considered satisfactory, and air pollution poses little or no risk	None
51-100	Moderate	Air quality is acceptable; however, for some pollutants there may be a moderate health concern for a very small number of people who are unusually sensitive to air pollution.	Active children and adults, and people with respiratory disease, such as asthma, should limit prolonged outdoor exertion.
101-150	Unhealthy for Sensitive Groups	Members of sensitive groups may experience health effects. The general public is not likely to be affected.	Active children and adults, and people with respiratory disease, such as asthma, should limit prolonged outdoor exertion.
151-200	Unhealthy	Everyone may begin to experience health effects; members of sensitive groups may experience more serious health effects.	Active children and adults, and people with respiratory disease, such as asthma, should avoid prolonged outdoor exertion; everyone else, especially children, should limit prolonged outdoor exertion.
201-300	Very Unhealthy	Health warnings of emergency conditions. The entire population is more likely to be affected.	Active children and adults, and people with respiratory disease, such as asthma, should avoid all outdoor exertion; everyone else, especially children, should limit outdoor exertion.
300+	Hazardous	Health alert: everyone may experience more serious health effects.	Everyone should avoid all outdoor exertion.

**SOS NUMBERS
FOR TREES AND ANIMALS**



NDNS - 9711115666

Fauna Police - 9212111116

Give Me Trees Trust - 8800326033

Wildlife Rescue - 9810129698, 9810639698

People For Animals - 011 23719293 / 9294.

For Cows -

Love for cow Trust - 9818434399

Doctor for cow - 9650048826

Dhyan Foundation - 9999099423

Kamdhenu Mangal Parivaar

**(Free 24x7 Cow Ambulance with doctor on board) -
7503777888, 9911002200**

Fire Fighting in The Capital



Besides firecrackers, people burn leaves and non biodegradable garbage in this season. Due to Autumn, trees shed leaves and since the soil cover in the big city has been covered by cement, the leaves can not mix into the ground by their natural god made process. Even the sweepers are unaware that it can be made into nutrition for the plants, so to get rid of the leaves, they burn it, without realizing the harmful effect on themselves and all the living beings around them. There is a Rs5000/- penalty for burning leaves, so in NFC, parks have marked spaces to make compost from all the leaves and twigs, plus one area designated for compost pits which recycle all the kitchen waste of the colony separately. The finished material is either re-used in parks or is available for purchase by residents.

On several occasions we called the Delhi Fire Service, who are very good at their work. They reach the location quickly and with all their equipment and experience, they extinguish the giant fires with ease. It is a FREE service, so dont hesitate to call them if you see a big fire anywhere in the city, it only takes a few minutes. During winter, poor people burn tire tubes, shoes and plastic bags for warmth so its best to gift them a blanket or jacket or gloves.

Below are 3 links to videos where we personally extinguished fires around Delhi

<https://www.facebook.com/newdelhinaturesociety/videos/1595189820542377/>

<https://www.facebook.com/newdelhinaturesociety/videos/1605228209538538/>

<https://www.facebook.com/newdelhinaturesociety/videos/1605252182869474/>

3 Steps for Composting

- Collect biodegradable waste (Kitchen waste + Garden waste)
- Water it and turn it regularly
- When you cant identify the matter, its ready to be used for the plants



Cool Bags for Cool People



This Diwali, NDNS was supported by excellent responsible citizens who were able to contribute some time and energy for participating at Diwali melas around Delhi NCR. The objective was to converse with people about the use of plastic bags even after the court has banned them, plus the alternative option of using cloth bags, a.k.a COOL BAG. These COOL BAGS are available in many different colors and beautiful patterns, they are washable and re-usable unlike those outdated plastic bags, plus they are biodegradable and so compact that they can fit right into your pocket or handbag or laptop bag. Cool Bags / Cloth Bags are mostly used by aware citizens.

They are a super duper gift idea to help your family and friends to transition toward an eco-friendly lifestyle.

JUST FOR RS20/- : Contact NDNS ASAP

Fabric donated by A.P. Khanna Textiles and stitched by Mohan Overseas India.



[CLICK HERE FOR THE COURT ORDER ON PLASTIC BAN](#)

We urge you to take necessary measures to remove disposable plastics from your lifestyle. Say no to plastic bags, plates, straws, cups, forks, knives and spoons. You have the power always.



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GREENZONES OF DELHI



Video : <https://www.facebook.com/newdelhinaturesociety/videos/1609614665766559/>

Greenzones of Delhi is a series of nature walks to explore and appreciate the big beautiful green areas of the capital.

NDNS is re-introducing these natural habitats to people since they have been long forgotten with the distractions of the modernized world.

It won't be long before such places may go extinct in the name of development, unless enough people understand the importance of coexistence with nature.

Updates are on our FB page or join the whatsapp group : [Greenzones Whatsapp Group](#)



Aditya Pathak, Film Maker, documented our visit to explore and understand the Yamuna Biodiversity Park : [Part 1](#) [Part 2](#) [Part 3](#) [Part 4](#)

NDNS Whatsapp-Group link

If you are a nature lover and you would like to share nature related posts and connect with other nature lovers around Delhi, then join the WhatsApp group.

Click the icon below:



Secret Spot to see Fireflies in Delhi



NDNS introduced fireflies to small groups of people over the weekends at an unmentionable place so that we as humans can learn and understand carefully how to create and protect the magnificent biodiversity which exists in Delhi and is slowly diminishing based on our personal choices. What was once thousands of Fireflies in this area has now been reduced to merely 50-100 a night. Many participants saw fireflies for the first time in their entire lives. [LBB DELHI](#)

Get in touch to know when you can visit the fireflies with us next.

Riverside Day Camp at BEEJOM



JOIN US ON 4th November.

[EVENT](#)
[DETAILS](#)
[HERE<<<](#)



Tree Census

- Can you identify trees ?
- Do you know the importance of a tree census?
- Learn how to count trees with NDNS.
- This is a citizens initiative, so that we have easy access to information about the trees.
- You can also start it in your own area.



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Animal Rescues



- Rescued this Bat from Greater Noida, took it for treatment to Wildlife Rescue 3 times. It has a fracture but keeps opening the stitches.
- Rescued Squirrel from NFC, died due to an infection.
- Parakeet rescued and released in 12 hours after observing behavior.
- Mynah fledglings delivered to NDNS, one flew happily, one died.
- A friendly 3 yr old girl in NFC was run over by a car at night, many residents were feeling concerned until they discovered that its not a human girl hit by a car, it was a girl dog. So the security team is unable to find the culprit, and she has fractured her spine and may not be able to use the back legs again.
- Dora the explorer was rescued in NFC from under some moving cars last year, she had a nice place at a farm, suddenly the farm owner wanted her removed, so now she found a caring home at Peepal Baba's ashram.

How to avoid Dog Bites

World Animal Protection has made these great informative flyers for people to understand easily how they can avoid Dog bites.

During the Diwali Carnival at Lotus Boulevard, Noida, we were able to spread these to many residents of all ages.



Sh. Uday Agnihotri Memorial Awards



Samadhan Abhiyan conducted the Sh. Uday Agnihotri Memorial Awards at the Press Club Of India. Smt. Archana Agnihotri and her team invited many special guests who are making the world a better place. They were awarded a certificate of acknowledgment and a trophy memento. New Delhi Nature Society founder Verhaen Khanna also received an award of honor in the field of environment.

Illegal Felling in NFC



During this season many unaware people in Delhi will be chopping trees illegally. Residents get trees cut inside and outside their house without any permission from the forest department, which has a negative impact on thousands of living beings in the vicinity, including humans. This is a direct offence under the Delhi Preservation of Trees Act 1994 and is punishable by a hefty penalty or worse. The above pictures are of illegal tree felling in NFC and has been reported to the DCF of this area. If you see such illegal activity around your home, please contact the DCF of that area immediately, you can even inform the Conservator of Forests if required.

[Website for Contact details of Forest Department :](http://delhi.gov.in/wps/wcm/connect/DOIT_Forest/forest/home/rtdirectory+of+officer+and+employees)

http://delhi.gov.in/wps/wcm/connect/DOIT_Forest/forest/home/rtdirectory+of+officer+and+employees

Read previous months newsletters >>

[July \(issue #1\)](#)

[August \(issue #2\)](#)

[September \(issue #3\)](#)

Have an interesting story related to nature?
Send it to us and we may feature it in the next newsletter

SAVE 1713 Healthy Trees

1713 big healthy beautiful trees with full canopies and birds, squirrels, bats and butterflies existing on them, are in danger of being cut to make an exhibition hall with parking. These trees are in the heart of New Delhi. You have the power to help save these trees and the health of lakhs of humans who live, work, study or pass through this area.

>>> SIGN THE PETITION <<<