

Sarah Huang

18:57

SH

Hi all, just saying hi in the chat - Sarah Huang Director of EJ Office at CT DEEP

Laura Cahn

19:58

LC

Hi Sarah. Thanks for being here. We will try to do more introductions after the presentation.

Laura Cahn

21:15

LC

Neelakshi Hudda

<https://facultyprofiles.tufts.edu/neelakshi-hudda>

Feel free to put questions in the chat file. Try to make them succinct. Thanks.

Gallicchio

41:15

G

Dr. Hudda: Today the EPA announced a tightening of its regulation of industrial fine particulate pollution, but it doesn't touch the ultrafine pollutants associated with aviation emissions. It seems the aviation industry gets a pass on air quality regulation. Do you have any comment?

 2

Fire Tablet

41:26

FT

How does this affect pulmonary issues inside our homes?

Dana W

42:37

DW

Can some comment be made on the Canada Wildfire air pollution that overlapped in time with some of the monitoring (asking as expect this Q to come up by others at some time)

[1 Reply](#)

Anstress Farwell

42:45

AF

Could the link to the video mentioned be posted in the Chat?

Edith Pestana

43:22

EP

Was the data correlated with airplanes activity? meaning compared with air craft landing and taking off at Tweed?

[1 Reply](#)

Beth Weinberger

44:03

BW

At what exposure levels of ultra fines are health risks seen?

Lorena Venegas

44:31

LV

The FAA in the FONSI stated that our area does not break the EPA de minimis thresholds, and that bigger planes do not have engine combustion as a contribution to air pollution. Can you explain how more plane traffic effects local pollution?

 1

Gallicchio

45:46

G

Meow

Lisa Bassani

46:00

LB

Dr. Hudda - Mayor Elicker and his team have often deflected calls to monitor air quality around Tweed by suggesting that you can't separate the sources of the various pollutants in the air (I-95, power plants, etc). Your opening suggests you can clearly pinpoint pollutants that stem from aviation. Can you comment further?

[2 Replies](#)

 2

Dana W

46:01

DW

MY Q refers to measurement results you received

Lorena Venegas

46:33

LV

PBS Nova "Airplane Race"

gabriela campos

47:06

GC

Please explain the spikes that you saw when there was a plane
Please share how the concentration was here v other locations
Kindly let ppl know about the indoor pollution despite Hepa filters

Iris Herz Kaminski

47:15

IH

How far do these particulates travel? Because of the size, do you expect the ultra fine particles to be absorbed in the sound? Or more likely to go into the atmosphere, flow with the wind?

rachel

47:53

R

Is it unsafe to walk in the area around Tweed? If so, how far out should we go to walk? And air purifiers in the home, help?

Trina Yoxall

48:31

TY

In your findings what is your opinion regarding the levels of toxins the neighborhood is being exposed to, are they unhealthy?

george

52:18

G

where is this chat she is reading from

Andrew King | Avports

52:29

AK

Do you have any recommendations for airports and airlines w current technologies?

Jules

54:27

J

How many more jets per day would it take to cross the threshold ppm? And does the type of plane, weight or date of engine manufacture matter?

 1

Trina Yoxall

57:55

TY

I understand the spikes do not last very long but are those in the immediate proximity of the airport who are subject to frequent exposures more at risk?

 1

Kathy Fay

59:28

KF

Is the flight school still at the airport? If so were you able to capture data from those small plane activities, or could you comment on those impacts in general?

[1 Reply](#)

rachel

01:00:07

R

Thank you!

Peter Mahakian

01:00:28

PM

What is the cumulative effect over time? Are these very small particles accumulating and aggregating in the home and in my outdoor garden?

 1

Edith Pestana

01:02:16

EP

New EPA standards for PM 2.5 published to <https://www.epa.gov/system/files/documents/2024-02/pm-naaqs-overview.pdf>

Dana W

01:02:32

DW

Could you please note if there is a type of respirator or face mask to wear that will help protect us from these ultrafine PPMs and NO₂ - when outside around the airport

gabriela campos

01:02:45

GC

This proves what I stated and what Elicker scoffed at - those around the airport are basically under house arrest

rachel

01:02:47

R

How far away from the airport is safe to walk?

 1

Maureen Moore

01:03:15

MM

Dr. what is your opinion of what would happen to our air quality if the expansion happens.

Lynne Bonnett

01:04:05

LB

even though the plumes are short lived they can often trigger an inflammatory response that cause strokes and heart attacks. are there research findings in the health data around airports that are investigating this?

 2

patricia ranney

01:04:12

PR

Do you a bar graph of all the data you collected?

Kenneth Dagliere

01:04:38

KD

Does your finding differ or contradict what the FAA has written in the EA report issued ? Thank you

Peter Mahakian

01:06:42

PM

My mother and father purchased this home in 1952, long before commercial jet travel.

patricia ranney

01:07:40

PR

Laura, that argument about buying near an airport and knowing what one was getting into... Is like buying along the trolley museum tracks and it get converted to high speed trains

 1

s

01:07:53

S

Does your work also describe the NOx emissions of the aircraft you have observed?

Fire Tablet

01:08:35

FT

Does the stronger the 'jet fumes' smell at any given times = more dangerous to breathe at those moments in time? (To have ill health effects)

[1 Reply](#)

Gallicchio

01:10:58

G

Regarding the question of who lives near an airport--we ALL live near enough to airports these days to be affected by jet emissions. Airport expansion like Tweed's is only increasing the problem. Dr. Hudda's work is critical for helping us understand these impacts.

 2

Gallicchio

01:12:58

G

Elaine Miller--so grateful you're here! See you at ANES in March?

rachel

01:13:30

R

How far away is safe to walk?
1 kilometer?

s

01:13:59

S

NOx. Did your observations also measure these emissions?

rachel

01:14:08

R

Thank you!

Peter Mahakian

01:14:26

PM

Do I have to wear a respirator and be a prisoner in my home?

Andrew P Laudano

01:14:27

AP

P100 respirators would work. I have one but it's hard to breathe

Sarah Huang

01:14:44

SH

Thank you Dr. Hudda!

rachel

01:14:51

R

Thank you so much!!!

gabriela campos

01:14:52

GC

THANK YOU

iPad

01:14:58

I

Thank you!

Gallicchio

01:14:59

G

Thanks!

Lisa Bassani

01:15:03




LB

Thank you!

Lorena Venegas

01:15:08

LV

I appreciate it!   

Dana W

01:15:22

DW

Thank you Dr Hudda- and all here!

Elaine Miller

01:15:25

EM

Thank you all for a wonderful presentation.

Edith Pestana

01:15:36

EP

Thank you!

Kenneth Dagliere

01:16:21

KD

Thank you so much. Kenneth Dagliere. TNHAA East Haven rep

 1

Alana

01:16:41

A

Thank you!

Edith Pestana

01:17:21

EP

Great thanks Laura!

Gallicchio

01:18:39



THANK YOU for spotlighting the AQ issues around Tweed!

Laura Cahn

01:19:24



Public Comment Requested –

1. PURA re: Proposed Gate Rate Hike

- <https://www.dpuc.state.ct.us/dockcurr.nsf/8e6fc37a54110e3e852576190052b64d/327120577fbfde4b85258a890049f753?OpenDocument> to PURA.ExecutiveSecretary@ct.gov by 2/16/24

2. CT DEEP re: [Integrated Water Planning Management 2 \(ct.gov\)](#) to rebecca.jascot@ct.gov by 2/16/24

3. SCRCOG re: Priority Climate Action Plan (PACP) <https://www.cprgct.org/> to smcamp@scrcog.org by 2/15/24

Terminal Fuel Farm Fire Being Fought At East Haven/New Haven Border | East Haven, CT Patch

<https://patch.com/connecticut/easthaven/terminal-fuel-farm-fire-being-fought-east-haven-new-haven-border>

Peter Mahakian

01:20:03



Thank you.

Laura Cahn

01:20:29



For Comment on Gas Rate Hikes to PURA - Best practices for preventing leaks in natural gas transmission

EPA Guide

<https://www.epa.gov/sites/default/files/2014-02/documents/ldarguide.pdf>

DoT (charged w/pipeline safety for large-scale distribution) proposed new regulations last year:

<https://www.federalregister.gov/documents/2023/05/18/2023-09918/pipeline-safety-gas-pipeline-leak-detection-and-repair>

Neonic Conference at Trinity College Mon, March 11

<https://www.ctaudubon.org/2024/01/neonicsconference/>

Gallicchio

01:21:47



Excellent work, Laura! Keep it up!

Gallicchio

01:24:04



Unfortunately, goats are also likely harmed by aviation emissions. Pity the Tweed goats! 🙄

Gallicchio

01:25:29



The fact that you even asked will help me sleep well tonight! Thanks!

gabriela campos

01:42:43



That was not our experience when dealing w wetlands and parking... the business literally lied and mislead the board and no one was allowed to cross check them

We need specialist on wetlands

It's too much for city plan to do everything by themselves

They are already so burdened

👍 2

Jacob Robison - City Plan

01:43:34



comments are noted - thank you for being so passionate about the protection of inland wetlands everyone. I will bring your interest in establishing a separate committee to Laura Brown.

👍 2

gabriela campos

01:47:56



Thank you for all the tireless work
You're all amazing

Sarah Huang

01:48:20



anyone is welcome to join our DEEP EJ Open Office Hours - third Wed every month, 12-1pm - <https://ctdeep.zoom.us/j/88627382456> (save this link, it's the same every month)

rachel

01:49:07

R

Yes! Thank you all ❤️!

Sarah Huang

01:50:23

SH

Thank you all!

Lorena Venegas

01:50:33

LV

Thank you so much! ❤️ ❤️ ❤️