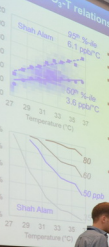


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The O₂-T relationship in Greater KL



- 10 years (2007-2016) data for DFC
- 8-hour "afternoon" mean (2007-2016)
- Clear positive relationship between O₂ and T (example here from 2010-2016)
- Slopes of O₂ per temperature bin (1°C) within literature range (1.8-3.6 ppm/°C)
- Positive relationship in all seasons
- Alternative view: T-dependent probabilities of increasing policy-relevant O₂ thresholds



What about changes in O₂ if T increases then O₂ decreases

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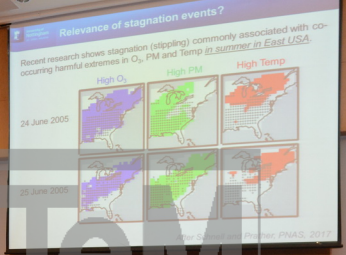
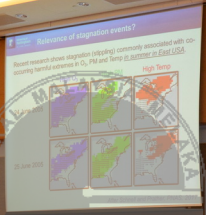
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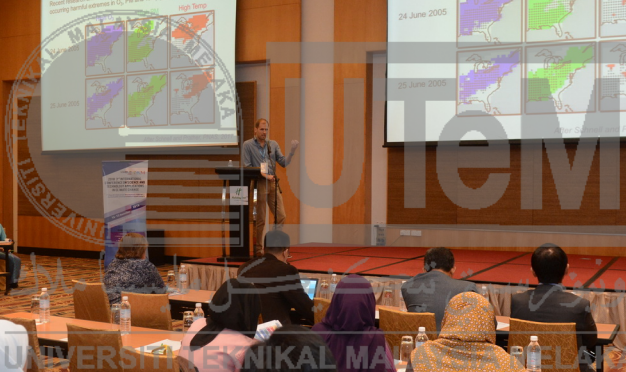


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A male presenter in a blue shirt and brown trousers stands at a podium, gesturing towards the projection screens during a presentation.

An audience of approximately 15-20 people is seated at long tables in a conference room, facing the presentation. Many attendees are wearing hijabs. The room has a patterned carpet and wood-paneled walls.



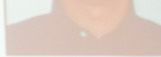


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Prof. Dr. Gaopeng

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100029, China



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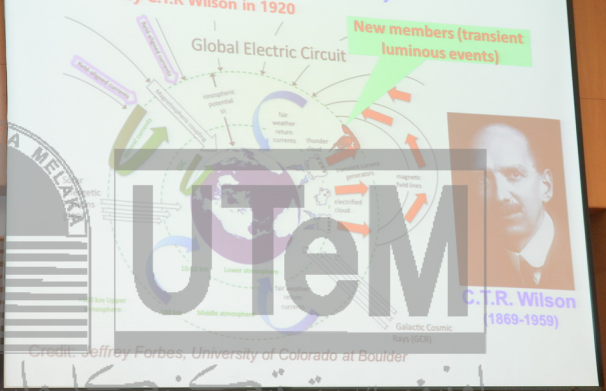


With contribution from:
Steven A. Cummer, and Fanf
Bingkun Yu, and Xianghui Xu
Alfred Chen, Rue-Ron Hsu, an
Anling Huang, (LAGEO, Institu
Jia Yue (Hampton University)
Frankie Lucena (Puerto Rico)

اونيورسيتي تېكنيسيا ملایا
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by Clark Wilson in 1920



Credit: Jeffrey Forbes, University of Colorado at Boulder



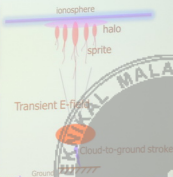
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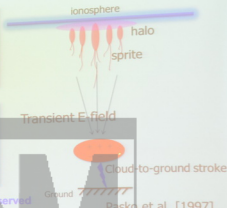
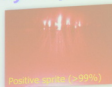
Polarity of sprite



Pure halo is difficult to be observed in ground-based observations.

Pasko et al. [1997]

Polarity of sprite



Pure halo is difficult to be observed in ground-based observations.

Pasko et al. [1997]



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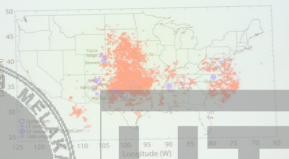


continent



ing 2008-2013.
e negative.

Dominance of positive sprites on the continent



- > A total of 2538 red sprites were observed during 2008-2013.
- > Only five events (~0.2%) were confirmed to be negative.

Dominance of



- > A total of 283
- > Only five ev





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What makes lightning in ocean so strong?

Why do coastal regions show the greatest lightning activity? (larger than inland areas) **Chen et al. (2016)**

Chen, Y., Wang, X., and Wu, J.

Large effects
injection effects
in attachment processes
enhancement potential
role of aerosols and condensation nuclei

Proposes that likely the main physical mechanism
is lying on the thundercloud potential ...

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Dr. Alison Copeland

Dr. Alison Copeland is a lecturer in Human Geographical Methods and Geographic Information Systems (GIS), Politics and Sociology, Newcastle University, UK. Her research interests are in health inequalities, specifically exploring access to health care. She has previous experience in the NHS as a nurse and in Public Health as a member of the National Public Health Disparities Observatory as part of the North East Public Health Observatory.

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region, Malaysia found that during 'haze' events between 2000 and 2007, when stratified by age group, males over the age of 60 were found to have a 41% greater risk of respiratory death, whilst females in the 15 to 59 age group had the highest risk of all at 66% (Sahani et al., 2014).

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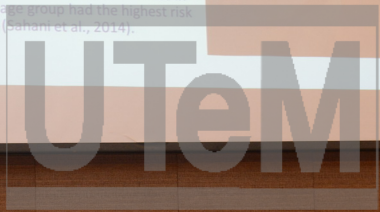
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... 2000
respectively across South East Asia (Crippa
et al., 2016; Koplitz et al., 2016)

- Sahani et al's (2014) study of Klang Valley region, Malaysia found that during 'haze' events between 2000 and 2007, when stratified by age group, males over the age of 60 were found to have a 41% greater risk of respiratory death, whilst females in the 15 to 59 age group had the highest risk of death at 66% (Sahani et al., 2014).

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100,000 may have died but there is still no justice over Indonesian air pollution

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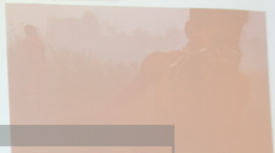


اونيومرسي تيكنيكل مليسيا

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...ity, etc. Her research interests focus on
inequalities, specifically exploring access to health care for the population. She
previous experience in the NHS as a nurse and in Public Health, working for the Le
Disabilities Observatory as part of the North East Public Health Observatory.



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