

Final PROGRAM – Air Pollution and Health Forum

Air Pollution and Health

Community Scientific Engagement Forum, 23 - 24th September 2013, Newcastle City Hall

Day 1 – Morning Preforum Educational Sessions – Air Pollution and Health Workshop

The morning presentations will be in an interactive classroom style format. It will be an excellent introduction to the science behind air pollution and health and provide useful background information for those attending the presentations on day 2. Local experts will provide an introduction to air pollution and health concepts with time for questions. More information: <http://www.hunterairandhealth.net/forum.html>

Morning	Topic	Details	Presenter
8.30am	Registration	Please arrive early to register for Day 1 and/or Day 2 events	
9-9.10am	Welcome		Convenors
9.10-9.50am	Introduction to air pollution	Sources of air pollution and potential health effects with focus on particulates but also addressing SO _x , NO _x , mercury, ozone, dioxins, furans, VOCs	Geoff Morgan , Centre for Air Quality and Health Research and Evaluation
9.50-10.30am	Finding Air Quality Data in Newcastle, Hunter and NSW	How to search OEH Air Quality Monitoring networks, recent local research initiatives. Role of pollution inventories.	Howard Bridgman Uni of Newcastle
10.30-11am	Break	Morning tea in Cummings Room	
11am-12 noon	How to investigation the relationship between air pollution and health	How air standards are set based on population studies. Strengths and weaknesses of different study designs. Epidemiological versus toxicological and risk assessment methods. Methods relevant to communities near open cut coal mines and coal train rail lines.	Guy Marks Centre for Air Quality and Health Research and Evaluation
12 noon	Morning session concludes.		

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Day 1 – Afternoon - Contextualising Air Pollution and Health

Concerns about air pollution and health sit within a lived community experience and a planning framework and process that together shape and mediate perceptions in regard to air pollution and health.

	Topic	Details	Presenter
1pm	Registration	Foyer Newcastle City Hall	
1.30pm	Welcome and overview of Forum	Concert Hall, Newcastle City Hall	Guy Marks and Craig Dalton
1.40pm	How to explore and mitigate psycho-social issues associated with industrial developments	Review of social impact studies conducted in the Hunter. Case studies of community participation methods and options for the future	Jo anne Everingham Centre for Social Responsibility in Mining University of Queensland
2.10pm	What can we learn from the Planning and Assessment Commissions statements on coal mining approvals.	Review of advice provided by PAC on strategic approaches to environmental impact assessment relevant to health and psychosocial health issues.	Pam Dean Jones, Hunter Environment Institute
2.40pm	Break	Afternoon Tea in Cummings Room	
3pm	Why can't we all get along: Collaborative and Participatory Research	How can multiple stakeholders, industry, community, government and academia collaborate on research projects and turn their different perspectives into strengths.	Craig Dalton University of Newcastle
3.20pm	Health impacts of bush fires and wood smoke (This presentation is a late addition in response to the many questions about wood smoke)	Review of the health impacts of smoke from bush and domestic fires and their relative impact on health compared to other pollutants.	Fay Johnson Centre for Air Quality and Health Research and Evaluation
3.45-4.30pm	Review and questions		Panel

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Day 2 – National and International Experts on Air Pollution and Health

8.30-9am	Registration	Foyer of Newcastle City Hall	
9am	Welcome and overview of the day	Concert Hall – Newcastle City Hall	Guy Marks Conference co-convenor, Centre for Air Quality and Health Research and Evaluation
9.10am	Summary of questions sent to the Forum	Based on questions proposed and voted on by community members, councils and other stakeholders online	Craig Dalton Conference co-convenor. Conjoint Senior Lecturer School of Medicine and Public Health, Uni of Newcastle, HMRI.
9.20am	Overview of air pollution in the Hunter, New England, NSW	Sources and comparison with standards	Matt Riley Director Climate and Atmospheric Science at NSW Office of Environment and Heritage
9.40am	Upper Hunter Particle Speciation Study	Sources and composition of PM2.5 particles from 2012 monitoring study by CSIRO/ANSTO	Mark Hibberd Atmospheric Science, CSIRO
10am	Health effects of particulates	Sources and differential impacts of PM10 and PM2.5. Major studies linking health and particulates.	C. Arden Pope Brigham Young University, USA
10.50am	Break	Morning tea in Cummings Room	
11.20am	Latest research on air pollution and health	Covering latest research and policy implications from a European perspective including transport pollution.	Ross Anderson MRC-HPA Centre for Environment and Health, UK
12.10pm	Coal dust as a pollutant	Review of epidemiological and toxicological studies on coal dust	Bert Brunekreef Utrecht University, Netherlands
12.50pm	Lunch	Lunch in Cummings Room	
1.50pm	How to study the relationship between air pollution and health in a Hunter/mining context	Methodological considerations. Filling the gaps in knowledge. Potential study options.	Guy Marks Centre for Air Quality and Health Research and Evaluation
2.40pm	How many people die from particulates in the Hunter?	Calculation of deaths as life years lost or saved by increases or decreases in ambient PM2.5 particulates	Richard Broome NSW Health
2.55pm	Panel commentary on how to study air pollution and health PM2.5 death data presentations	With questions from audience	Expert panel
3.30pm	Break	Afternoon tea in Cummings Room	
3.50pm	Panel QandA	Presenters respond to questions from Newcastle and remote venues.	Expert panel
4.50pm	Summary Comments from Expert Panel	Panel summarise main points and final comments.	Guy Marks, C Arden Pope, Ross Anderson, Bert Brunekreef, Mark Hibberd
5pm – 5.10pm	Thank you and close of Forum		Guy Marks, Craig Dalton
7pm New! 	Free Public Lecture by C. Arden Pope	<i>“Particulate matter air pollution: science, controversy, and impact on public health”</i>	C. Arden Pope

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