



# ENVIRONMENTAL FORENSIC SCIENCE

Have you ever wondered how authorities track down illegal dumping of hazardous materials and pollutants onto our land and into our waterways? How is it possible to determine what chemicals may be present and link individuals or companies to these acts?

Environmental forensic science is a growing area that has arisen from the need to provide rigorous scientific evidence for legal proceedings against parties responsible for causing environmental pollution and harm. Environmental forensics uses scientific tools and techniques from a range of disciplines including analytical chemistry, material science, microscopy, geochemistry and ecotoxicology to assist courts with identifying the facts regarding pollution incidents.

You are invited to come along and hear our guest Speaker Andrew Symons answer these questions and more!

**WHERE:** University of Technology, Sydney  
Building 4, Level 3, Room 340  
(Corner of Thomas & Harris St, Ultimo)

**WHEN:** Wednesday 29<sup>th</sup> April 2015, 6.00pm  
refreshments for a 6.30pm start

**COST:** Free for members, \$5 for non-members

**For any enquiries  
please contact the secretary:**

NSW Branch ANZFSS  
PO Box K208  
Haymarket NSW 1240

**Email:** [nswbranch@anzfss.org](mailto:nswbranch@anzfss.org)



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The Environmental Forensics Team within the Office of Environment and Heritage undertakes approximately 400 forensic investigations each year. The team analyses an extremely diverse range of sample types including toxic and hazardous materials, orphan wastes, poisoned wildlife and atmospheric fallout. Andrew will present a number of case studies that highlight the various approaches and techniques used in environmental forensics.

Andrew Symons is a Senior Scientist in the Environmental Forensics team within the Office of Environment and Heritage. He uses various forensic, analytical and ecotoxicology techniques to undertake environmental forensic investigations. Andrew has over ten years' experience in environmental science, having previously worked at the National Measurement Institute and CSIRO Land and Water. Andrew obtained a BSc in environmental chemistry and a PhD in environmental microbiology from the University of Sydney.

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## Meeting Location



Nearby street parking is available on Thomas Street, and in a parking station in Building 10, off Thomas Street (note: this closes at 10.00 pm).

There is also a convenient car park in the Novotel Central Hotel in the section of Thomas Street behind the ABC.

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