



# NSW DIVISION TECHNICAL MEETING

## Use of the Aviation Environmental Design Tool (AEDT) in Australia and the Australian Noise Exposure Forecast (ANEF) Technical Endorsement Process

**Date:** Wednesday, 3<sup>rd</sup> July 2019

**Venue:** Room G02 in Ainsworth J17 (UNSW)  
<https://www.learningenvironments.unsw.edu.au/spaces/ainsworth-building/k-j17-g02-ainsworth-g02>

**Time:** 6:00 pm for 6:30 pm start  
*Refreshments prior to talk*

**Speaker:** Mark Latimore is part of the Airport & Environmental Change Assurance team at Airservices Australia

**RSVP:** **Tuesday, 25<sup>th</sup> June** to Mattia Tabacchi by email  
[Mattia.Tabacchi@renzotonin.com.au](mailto:Mattia.Tabacchi@renzotonin.com.au)

AAS members are welcome to attend.



### Guest speaker

Mark Latimore is part of the Airport & Environmental Change Assurance team at Airservices Australia. Mark is approaching ten years' experience in aviation related noise and has spent five years as an acoustic consultant for a major international engineering firm.

### Presentation abstract

The Integrated Noise Model (INM) was developed by the United States Federal Aviation Administration (FAA) and has been used extensively in Australia for the environmental assessment of aircraft noise, development of Australian Noise Exposure Forecast/Index maps (ANEF/ANEIs), and the generation of number above noise contour maps. The INM software was supported by the FAA until September 2016 and has since been replaced by the Aviation Environmental Design Tool (AEDT). To keep abreast with technology changes, the aviation industry in Australia must migrate away from the use of INM to AEDT. The continual use of the outdated software will eventually affect the accuracy of noise modelling and prediction of noise impacts around airports in Australia. This presentation will discuss the proposed use of AEDT in Australia and discuss the Airservices' technical endorsement process of ANEFs using the new model.