亞洲大洋洲地球科學協會（AOGS）  
口頭報告：

|  |  |
| --- | --- |
| **口頭報告題目與掛名** | |
| 1. | **The diagnosis of micro-net wind observation in Formosa Plastics Group Industry Park at western coast of Taiwan** |
|  | **台灣西沿海工業園區內風場觀測網氣象資料診斷分析** |
|  | 林博雄、戴志輝、陳鑫澔 |
| 2. | **Analysis of surface wind patterns surrounding Formosa Plastics Group Industry Park at western coast of Taiwan** |
|  | **台灣西部沿海地區地面風場分類及其氣象型態分析** |
|  | 林文典、林博雄、李信璋 |
| 3. | **High ozone episodes in western Taiwan coastal area** |
|  | **台灣西部沿海地區高臭氧事件分析** |
|  | 陳聖博、董育蕙、林文典、邱慶睿、陳昱均、江泓機、林達雄 |
| 4. | **The evolution of SO2 and NOx in western Taiwan coastal area** |
|  | **台灣西部沿海區域SO2與NOx之演變** |
|  | 董育蕙、洪珮瑜、江泓機、簡槐志 |
| 5. | **Network Monitoring of Speciated and Total Non-methane Hydrocarbons** |
|  | **空品測站測網之特定(光化)物種與總碳氫分析** |
|  | 蘇源昌、陳聖博、黃溢銓、王家麟 |
| 6. | **Characterization of particulate matter in and around a coastal industrial park during monsoonal flow** |
|  | **傳輸主導型風場下沿海地區園區內外粒狀物特性** |
|  | 翁子翔、曾博駿、陳學裕、王信凱 |

|  |  |
| --- | --- |
| **海報題目與掛名** | |
| 1. | **Air parcel tracking by micro-small scale wind network observation in Formosa Plastics Group Industry Park at western coast of Taiwan** |
|  | **台灣西部沿海地區風場觀測網之高解析質量軌跡追踪** |
|  | 許評碩、陳鑫澔、林博雄 |
| 2. | **Instrument quality of wind anemometer in windy coastal site - an example from Formosa Plastics Group Industry Park at western coast of Taiwan** |
|  | **沿海氣象觀測站風向風速儀器觀測品質 – 以台灣西部沿海工業園為例** |
|  | 戴志輝、林博雄、黃俊溢 |
| 3. | **Analysis of SO2 and NOx transport flux around a coastal industrial complex in western Taiwan** |
|  | **台灣西部沿海工業園區SO2與NOx傳輸通量分析** |
|  | 楊國賓、董育蕙、陳聖博、邱慶睿 |
| 4. | **Characterization of compositions of inorganic salts and heavy metals at a coastal industrial park and coastal urban site of western Taiwan** |
|  | **沿海工業區及沿海郊區區域粒狀物化學組成特性** |
|  | 王信凱、吳宗進、翁子翔、曾博駿、邱慶睿 |
| 5. | **Intercomparison of Observation and Simulation of Speciated and Total Non-methane Hydrocarbons** |
|  | **特定(光化)物種與總碳氫之觀測與模擬比對** |
|  | 陳聖博、蘇源昌、邱慶睿、黃溢銓、歐育憲、王家麟 |