

## New Technologies for Environmental Monitoring

**24<sup>th</sup> September 2013, 09.30-15.30**  
**Victoria Quay, Edinburgh**

[UKEOF](#), [SEPA](#) and [CAMERAS](#) are pleased to announce a joint conference for members of the observation community to discover new technologies in environmental monitoring. The aim will be to:

- Summarise recent advances in personal environmental monitoring technologies and low cost data gathering devices
- Explore how existing technologies could be applied to different areas of monitoring
- Consider how emerging technologies could improve environmental monitoring
- Explore the need to develop new technologies for efficient monitoring.

### Agenda

Coffee will be available from 09:00

Time	Item	Lead
<i>Chair: Bob Downes, Scottish Environment Protection Agency</i>		
09:30	Welcome & aims	Chair
<b>Social media &amp; crowd sourcing</b>		
09:40	Environmental hack-a-thons	Environment Agency: Stefan Carlyle and Simon Redding
09:55	Soil testing kit project – collecting and managing soil data on a global scale	Growers Nation/ Met Office: Selena Georgiou
10:20	Naturelocator – The BatMobile and other apps	University of Bristol: Dave Kilbey
10:45 Refreshment break		
<b>Air pollution monitoring and assessment</b>		
11:05	Monitoring air quality: small sensors start to show their capabilities	University of Cambridge: Rod Jones
11:35	iSPEX – measuring aerosols with mobile technology	Netherlands Environmental Assessment Agency: Hester Volten
12:05	Panel Q&A: Social media, crowd sourcing, monitoring and assessment	Chair
12:35 Lunch		
<i>Chair: Stefan Carlyle, Environment Agency and DAG Chair</i>		
<b>New technologies: new challenges</b>		
13:15	How do we manage the data deluge: the principles of good data management	CEFAS: Dave Morris
13:35	Turning unique capability into a unique app	Winchester Innovation: Nick Thorne
13:55	Panel Q&A	
14:15	Introduction to discussion session 'New challenges to implementing personal monitoring technologies'	Chair
14:25 Refreshment break and delegate participation session		
15:00	Feedback session	Rapporteurs
15:20	Wrap-up	Chair
15:30	<b>Close</b>	