



PRESS RELEASE

SPECTRAL EVOLUTION and Southern Mapping Hold Spectroradiometer Training at SANSA.

Eighteen participants attend the South African National Space Agency training session.

Lawrence, MA – February 22, 2013 – Hosted at Sansa’s facility in Hartebeesthoek, South Africa, SPECTRAL EVOLUTION and its partner, Southern Mapping Company, offered a day of training on newly acquired PSR-3500 spectroradiometers.

Attended by earth observation data users, the session focused on training users on the PSR-3500 and its accessories so they can use the units to capture reflectance spectra from minerals, plants, and other materials to analyze many phenomena including acid mine drainage (AMD). The spectra collected can be associated with acquired images, for example, images from a ProSpec TIR VS airborne camera operated by Southern Mapping Company. Or, images from the hyperspectral sensors on a satellite could be used with a PSR-3500 spectroradiometer to map AMD affected areas.

The course, presented by Dayton Jones, Technical Sales Specialist from SPECTRAL EVOLUTION, included indoor classroom instruction as well as the opportunity for attendees to experiment in the field, collecting spectra with two PSR-3500s. A follow-up training session including intense practical use focusing on field methodology for spectra collection and analysis techniques is planned for spring 2013.

The PSR-3500 provides the following capabilities for remote sensing, vegetation studies, environmental research and geological remote sensing:

- Full range UV/VIS/NIR in one scan
- Very fast scanning – autoshutter, autoexposure, auto-dark correction

- Small, lightweight, less than 8 lbs., and reliable with no moving parts
- Works with laptop or Getac PS236 Personal Digital Assistant (PDA)
- Getac is ideal for single user operation – tag scans with digital images, GPS, and audi notes – features sunlight readable screen

The PSR-3500 is equipped with the exclusive DARWin SP Data Analysis software package so you can take advantage of the following analysis features:

- Automatically saves data as an ASCII file to 3rd party software – no extra export function is necessary
- Collect reference or target data with a single click
- Display reflectance/transmittance data (percentage) or absorbance (logarithmic) versus wavelength
- Single and multiple spectral plots available
- Compare current scans against libraries

For more information on spectroradiometers for remote sensing, please visit:

http://www.spectralevolution.com/portable_spectroradiometer_remote_sensing.html

About SPECTRAL EVOLUTION

Established in 2004, SPECTRAL EVOLUTION is a leading manufacturer of laboratory and handheld portable spectrometers, spectroradiometers and spectrophotometers. SPECTRAL EVOLUTION spectrometers are used worldwide for many mission-critical lab and field applications in mining, remote sensing, vegetative studies, ground truthing, environmental and climate studies, developing satellite calibrations, and more, due to their reliable, robust, rugged design and user-friendly one-touch features.

SPECTRAL EVOLUTION maintains a facility in Lawrence, Massachusetts which houses design, prototyping, manufacturing and service facilities for the instruments that it markets and sells worldwide, either through direct sales, OEM sales or through distributor agents.

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