

3. Saturday, February 16, 2008, 8:30 AM to 10:00 AM

Soil Protection for Sustainable Well-Being

Session Title: Soil Protection for Sustainable Well-Being

Session Type: 90-Minute Symposium

Session ID:

Session Time: 2/16/2008 8:30:00 AM

Location: Hynes Convention Center, Second Level

Room: Room 207

Session Start/End Time: Saturday, Feb 16, 2008, 8:30 AM -10:00 AM

Synopsis: Soil resources are limited on a global scale. Sustainable management of these limited resources requires implementation of innovative technologies based on in-depth knowledge of soil functioning and its chemical and physical properties. The high spatial variability of soil properties requires the integration of detailed knowledge of soil properties with geographic information system and spatial analysis tools. This session covers state-of-the-art knowledge about world soil resources, the most advanced spatial analysis tools currently implemented, and the implications for soil protection policies at global, regional, and national scales.

Organized by:

Aidan Gilligan, European Commission, Joint Research Centre, Brussels, Belgium

Presentations:

Moderator--**Luca Montanarella**, Institute for Environment and Sustainability (IES), Joint Research Centre, Varese, Milan, Italy

Soil Health Surveillance System for Tropical Africa, **Jon Hempel**, The Earth Institute at Columbia University, Palisades, NY

Methodologies for Creating a Digital Soil Map of the World--**Alex McBratney**, University of Sydney, Sydney, Australia

Soil Mapping for Development: A New Global Initiative--**Alfred Hartemink**, ISRIC, Wageningen, The Netherlands