



### 1. Title

Wrb-Lessons Learned from the Development of the Third Edition 2014

### 2. Type

Working Groups Symposium

### 3. Organizer(s) & Convener

Peter Schad

Technische Universität München 85354 Freising-Weihenstephan, Germany

Tel: +49 8161 714735

Fax: +49 8161 714466

E-mail: [schad@wzw.tum.de](mailto:schad@wzw.tum.de)

Cornie van Huyssteen

Department of Soil, Crop and Climate Sciences (54)

University of the Free State, P.O. Box 339, Bloemfontein 9300, South Africa

Tel: +27 51 401 9247

Fax: +27 51 402 2212

E-mail: [vanhuyssteencw@ufs.ac.za](mailto:vanhuyssteencw@ufs.ac.za)

Erika Micheli

Department of Soil Science and Agricultural Chemistry, Szent István University, 2103

Gödöll, Páter Károly u. 1, Hungary

Tel: +36 28 522 000

Fax: +36 28 410 804

E-mail: [micheli.erika@mkk.szie.hu](mailto:micheli.erika@mkk.szie.hu)

Jozef (Seppe) Deckers

Division of Soil and Water Management, Katholieke Universiteit Leuven, Celestijnenlaan  
200e - box 2411, 3001 Heverlee, Belgium

Tel: +32 16 3 29742,

Fax: +32 16 3 29760,

E-mail: [seppe.deckers@ees.kuleuven.be](mailto:seppe.deckers@ees.kuleuven.be)

### 4. Rationale

As the 3rd edition of the World Reference Base for Soil Resources (WRB) will be presented at the World Soil Congress in 2014, time is due for an in-depth discussion with a broader audience on lessons learned during the elaboration of the new edition and on how to turn these lessons into opportunities for strengthening the future of soil classification

### 5. Objectives

Discuss the challenges of the 2nd edition of WRB, present adequate solutions and explain the progress achieved with the 3rd edition. Give perspectives for future enhancement of WRB as a World soil classification system at the service of IUSS.





## 6. Description

WRB is an international soil classification system endorsed by the IUSS as its official system for soil correlation. New editions of WRB have been presented during IUSS World Congresses in 1998 and in 2006. The 3rd edition, presented at the World Soil Congress 2014, provides for some important adjustments and amendments of definitions that were refined during many field testing sessions and international symposia (e.g. Germany 2007, Austria 2008, Chile 2008, Mexico 2009, Australia 2010, Norway 2010, Poland 2011, USA 2012, Italy 2012, Australia 2012, Russia 2013, Poland 2013, Germany 2013). One major novelty is that WRB uses now one single document for classifying pedons as well as for drawing up map legends. This symposium addresses a wide audience of scientists using soil classification for understanding soils, for developing databases or for creating soils maps. The symposium invites them to present the problems realized in the 2nd edition and to discuss different possibilities to overcome these problems (realized in the 3rd edition or not). Case studies of WRB application and presentations giving an outlook of future options to further enhance WRB are also welcome.

