

## Programme

<b>Monday (5 December 2016)</b>	
<b>Start</b>	<b>End</b>
07:30	08:00
Bus ride to UFS	
Session 1	Chair: Erika Michéli
08:00	08:30
Welcome remarks (Danie Vermeulen) & Housekeeping (Cornie)	
08:30	09:00
Guy Smith Award / International Soil Day	
09:00	09:30
An international system of soil horizon nomenclature (Monger C; Anjos LHC; Zhang G; Goryachkin SV; Harms B; Schad P; Fox C; Yeon-kyu S)	
09:30	10:00
How informative are soil names in WRB? The role of a strong versus a flat hierarchy (Schad P)	
10:00	10:30
Tea	
Session 2	Chair: Peter Schad
10:30	10:55
Major steps in classifying soils – from genetic to numerical (Michéli E; Láng V; Owens PR; McBratney A; Hempel J)	
10:55	11:20
Evaluation of automated mapping of Reference Soil Groups of WRB2015 at the global level (Mantel S; Caspari T; Kempen B; Schad P; Eberhardt E)	
11:20	11:45
Automated derivation of soil names according to WRB 2015 – lessons learnt and further development (Eberhardt E; Schad P; Mantel S; Caspari T)	
11:45	12:10
WRB 2014 Spanish translation: experience and challenges in the process (Chávez S; Manríquez FJ; Cruz CO)	
12:10	12:35
National and international soil classification systems: a complementary approach for overcoming the current needs and challenges. The case of the Belgium soil map. (Legrain X; Dondeyne S; Colinet G)	
12:35	13:30
Lunch	
Session 3	Chair: Augusto Zanella
13:30	13:55
Fundamental changes to Soil Taxonomy (Galbraith J; Stolt M; Needelman B; Beaudette D; Monger C; O'Geen A; Rabenhorst M; Ransom M; Shaw J; Drohan P; Lindbo D)	
13:55	14:20
Keeping science in Soil Taxonomy (Lindbo D; Monger C; Scheffe K; Levin M; Stolt M)	
14:20	14:45
Soil Taxonomy proposals for acid sulfate soils and subaqueous soils (Wessel B; Levin M; Fanning D; Rabenhorst M)	
14:45	15:15
Tea	
Session 4	Chair: Cezary Kabala
15:15	15:40
Lateral Transport in Stagnosol Landscapes and Horizontal Horizon Sequences. (Herrmann L; Jahn R; Stahr K)	
15:40	16:05
Transfer function in soil classification (Khitrov NB)	
16:05	16:30
The value of soil morphological data in pedotranfer functions (Van Tol JJ; Le Roux PAL)	
16:30	19:15
Cocktail	
20:30	
Bus ride to Bain's Lodge	

<b>Tuesday (6 December 2016)</b>		
<b>Start</b>	<b>End</b>	
07:30	08:00	Bus ride to UFS
	Session 5	Chair: Ganlin Zhang
08:00	08:25	Systems approach for universal soil classification (Nikiforova A; Fleis M; Borisov M)
08:25	08:50	The use of soil functional groups as a classification approach for landscape level mapping and evaluation (Botha JO; Mitchell FJ)
08:50	09:15	Whole regolith pedology classification: examples from Brazil (Jérôme J; De Azevedo AC; Santos RA; Dondeyne S)
09:15	09:40	Soil classification and ecosystem services: the necessity for including soil degradation in WRB (Krasilnikov PV; Nachtergaele FO)
09:40	10:05	Application of VIS-NIR reflectance spectroscopy as a tool of soil classification (Csorba A; Szegi TA; Dobos E; Michéli E)
10:05	10:45	Tea
	Session 6	Chair: Curtis Monger
10:45	11:10	How garden soils become Horti Anthrosols? (Charzyński P; Hulisz P; Kim K-H; Bechet B; Szolnoki Z; Farsang A)
11:10	11:35	Towards simpler and coherent classification of anthropogenic soils: comparison of phosphorus tests for diagnostic soil horizons and properties (Kabala C; Galka B; Labaz B)
11:35	12:00	Pedogenic processes in mine tailings - a myth or reality (Van Deventer PW; Koch J)
12:00	12:25	Oxidation illuviation and accumulation of uranium in anthropogenic soils - motivation for the inclusion of radioactivity as a family criteria in the South-African taxonomic classification system (Koch J; Van Deventer PW)
12:25	13:25	Lunch
13:25	16:55	Business Meetings
16:55	20:25	Gala dinner
21:15		Bus ride to Bain's Lodge

<b>Wednesday (7 December 2016)</b>		
<b>Start</b>	<b>End</b>	
07:30	08:00	Bus ride to UFS
Session 7		Chair: Lucia Anjos
08:00	08:25	Classification of soils of the Eastern slope of Mount Kenya region (Mutuma E; Lang V; Csorba A; Nagy J; Michéli E)
08:25	08:50	Spodosols in Brazil: characteristics and pedogenesis environments (De Menezes AR; Fontana A; Anjos LHC)
08:50	09:15	Soil development in non-volcanic andic soils (Bäumler R)
09:15	09:40	Proposal of colluvial soils definition and their introduction into international soil classification WRB. (Zádorová T; Penížek V)
09:40	10:20	Tea
Session 8		Chair: Stephan Mantel
10:20	10:45	A brief history of the D-horizon; archaic or commendable? (Harms B)
10:45	11:10	A morpho-functional classification of organic and organic-mineral soil horizons for surveying soil biological functioning (Zanella A; Ponge J-F)
11:10	11:35	Quantitative pedology to evaluate a soil profile collection from Brazilian semiarid region (Pinheiro HSK; Anjos LHC; Xavier PA; Silva Chagas C; Carvalho Junior; W)
11:35	12:00	Soil classification issues relating to pedons with clay illuviation from Poland. (Świtoniak M; Charzyński P; Kabała C)
12:00	13:00	Closure / Bus ride to airport

<b>Posters</b>	
Session 9	Chair: John Galbraith
A hierarchical soil-landscape classification and associated maps (Nikiforova AA; Fleis MA; Borisov MM)	
Andosols and problems of their classification in Central European conditions (Kobza J)	
Anthropogenic Soils in Soil Taxonomy (Galbraith JM)	
Classification problems of intensively cultivated sandy soils in the World Reference Base for Soil Resources (Fodor H; Csenki S; Szegi T; Láng V; Michéli E)	
Educational role of IT resources in Soil Classification Teaching (Charzyński P; Świtoniak M)	
Genesis and classification of loess-influenced soils – an example from Sudeten Foreland - Mt. Śleza massife, Poland (Waroszewski J; Kabała C; Baranska M)	
Predictive value of soil classification in southeast Nigeria (Ukaegbu EP; Ezeaku PI; Jidere CM)	
Proposal to Use the International Soil Judging Contests (Brazil 2018) to test compare and vet our international classification systems and field nomenclature (Levin MJ; Galbraith JM; Monger C)	
Stockpiled soils on South African coal mines within the South African Anthrosol concept (Paterson DG)	
Study on the Classification of Soil Containing Artifacts (Wu kening; Gao xiaochen)	
Testing WRB 2014 on subalpine soils influenced by touristic induced erosion (Drewnik M; Musielok L; Stolarczyk M; Predki R)	
WRB and soils of Bosnia and Herzegovina (Tunguz V; Nestic L; Vasin J)	
WRB classification of Technosols developed from ashes derived after bituminous coal and lignite combustion: examples from Poland (Uzarowicz Ł; Zagórski Z)	