



Program - Fifth International Workshop of the *Terra Preta Program*

Monday, August 29th

Time	Session	Speaker	Title
8:30-9:00	Welcome	Thom Kuyper (WUR) & Carlos Cerri (ESALQ)	Opening session - Welcome
9:00-9:30	The archaeology of anthropogenic soils	Helena Lima (MPEG)	Amazonian Dark Earths and Anthropogenic Landscapes: contributions from archaeology
9:30-10:00		Anne Rapp Py-Daniel (UFOPA)	Long term human occupations and the dark earths
10:00-10:30		Morgan Schmidt (MPEG)	Building Human Landscapes: Daily Activities and Environmental Transformations in Ancient Amazonian Settlements
10:30-11:00	Discussion	Chair: Charles Clement (INPA)	Discussion
11:00-11:30	Break	Break	Break
11:30-12:00	Genesis of ADE	Pablo Vidal (ESALQ)	The genesis of ADE: a pedologist's view
12:00-12:30		Newton Falcão (INPA)	Soil fertility management in homegardens and the formation of Amazonian Dark Earths
12:30-13:00	Discussion	Chair: Wenceslau Teixeira (EMBRAPA)	Discussion
13:00-14:30	Lunch	Lunch	Lunch
14:30-15:00	Anthrosols	Wenceslau Teixeira (EMBRAPA)	Anthrosols in Brazil
15:00-15:30		Bruno Glaser (Univ. Halle)	Facts and myths on ADE / Parallels between ADE and Nordic Dark Earths
15:30-16:00		Marcondes Lima (UFPA)	Mineralogy and geochemistry of ADE ceramic fragments (CFs)
16:00-16:30	Discussion	Chair: Jurgen Kern (ATB)	Discussion
16:30-17:00	Break	Break	Break
17:00-17:30	General discussion	General discussion	General discussion
17:30-18:00	Posters / 'Pitch talks'	Posters / 'Pitch talks'	Posters / 'Pitch talks'



Program (continued)

Tuesday, August 30th

Time	Session	Speaker	Title
8:30-8:45		Clara Pena-Venegas (SINCHI)	Arbuscular mycorrhiza on ADE
8:45-9:00	Soil biota on anthropogenic soils	Juan Manuel Orozco (Univ. Bonn)	The role of soldier fly larvae on the formation of ADE
9:00-9:30		Luís Cunha (Univ. Cardiff) & George Brown (EMBRAPA)	Soil biodiversity footprints associated with ADEs along a land-use gradient
9:30-10:00		Siu Mui Tsai (ESALQ)	The microbiome of ADE and biochar and its contribution to the plant health
10:00-10:30	Discussion	Chair: Thom Kuyper (WUR)	Discussion
10:30-11:00	Break	Break	Break
11:00-11:30	Legacies of ADE on forests and landscapes	Estela Quintero (Univ. EAFIT / CIFOR)	Legacies of ADE on forest composition, structure and dynamics
11:30-12:00		Jennifer Watling (MAE-USP)	Archaeological and archaeobotanical investigations at the Teotônio site: recent results
12:00-12:30		Charles Clement (INPA)	Patterns in Terra Preta Landscapes
12:30-13:00	Discussion	Chair: Marielos Pena-Claros (WUR)	Discussion
13:00-14:30	Lunch	Lunch	Lunch
14:30-15:00	Farmers' use and creation of anthropogenic soils	Clara Peña-Venegas (SINCHI)	Environmental potential for agriculture does not determine social behaviour
15:00-15:30		André Junqueira (WUR)	The current use of ADE by smallholder farmers: lessons to sustainable agriculture
15:30-16:00		Paulo Paiva (EMBRAPA)	ADE re-creation strategies from Amazonian swidden farmers perspective
16:00-16:30	Discussion	Chair: Gerard Verschoor (WUR)	Discussion
16:30-17:00	Break	Break	Break
17:00-17:30	General discussion	General discussion	General discussion
17:30-18:00	Posters / 'Pitch talks'	Posters / 'Pitch talks'	Posters / 'Pitch talks'



Program (continued)

Wednesday, August 31st

Time	Session	Speaker	Title
8:30-9:00	Biochar, greenhouse gases and climate change	Carlos Cerri (ESALQ)	Biochar and greenhouse gas mitigation in tropical soils
9:00-9:30		Tatiana Rittl (ESALQ)	The potential of biochar to mitigate climate change: a critical review
9:30-10:00		Fabiana Resende (EMBRAPA)	Biochar: characterization, gas emission and economic results of a field experiment implemented in Sinop / MT
10:00-10:30	Discussion	Chair: Marcia Carvalho (EMBRAPA)	Discussion
10:30-11:00	Break	Break	Break
11:00-11:30	Carbon stability in anthrosols	Carlos Alho (WUR)	The role of pyrogenic carbon in organo-mineral interactions in TPI soils
11:30-12:00		Jurgen Kern (ATB)	Composition and stability of different Brazilian and German Anthrosols
12:00-12:30	Discussion	Chair: Bruno Glaser (Univ. Halle)	Discussion
12:30-12:45	Research networks	Claudia Maia (EMBRAPA)	The Brazilian biochar network
12:45-13:00		Luís Cunha (Univ. Cardiff) & George Brown (EMBRAPA)	The 'Terra Preta de Índio' research network
13:00-14:30	Lunch	Lunch	Lunch
14:30-15:00	Social aspects of ADE and biochar	Joana Bezerra (Univ. Rhodes)	The political dimensions of Terra Preta and biochar
15:00-15:30		Gerard Verschoor (WUR)	Tikuna farming systems and (unintended?) organic matter accumulation
15:30-16:00		Thom Kuyper (WUR)	Terra Preta research and the challenge of interdisciplinarity
16:00-16:30	Discussion	Chair: Bas Arts (WUR)	Discussion
16:30-17:00	Break	Break	Break
17:00-18:00	General discussion	General discussion	General discussion