



AGENDA

Second International Workshop Terra Preta Program Manaus, July 9-13th, 2012

The aims of this workshop are:

- to share the progress made so far by the program and by each individual PhD candidate,
- to give feedback to the students on their work,
- to discuss about common products and define agendas for achieving them,
- to visit areas with terra preta soils,
- and to have a crash course on archaeology.

Monday, July 9 th , 2012	
8:00 – 8:30	Coffee
8:30 – 8:45	Welcome to the workshop: Dr. Thom Kuyper, Terra Preta Program, Dr. Beatriz Ronchi Teles, Training Coordinator, INPA
8:45 – 9:45	Introduction of participants
9:45 – 10:15	The Terra Preta Program: general introduction
10:15 – 10:45	Coffee break
10:45- 11:30	The Terra Preta Program: the progress done so far and where do we need to go
11:30 - 12:15	Presentation of PhD student <i>Amazonian Dark Earths as a Pre-Columbian technological change: Economic model of population size</i> (Camilo Torres)
12:15-14:00	Lunch
14:00 - 14:45	Presentation of PhD student <i>Distribution of ADE soils on La Chonta forestry concession, and the effect of these soils on understory community of an Amazonian forest in Bolivia</i> (Estela Quintero)
14:45 – 15:30	Presentation of PhD student <i>The diversity of land-use systems on Terra Preta along the Madeira River</i> (André Junqueira)
15:30 – 16:15	Coffee
16:15 – 16:45	Presentation of PhD student <i>Crop-soil co-evolution in natural and anthropogenic soils of the Amazon region</i> (Clara Peña)
16:45 – 17:30	Common products of the program (1)
Tuesday, July 10 th , 2012	
8:00 – 8:30	Coffee
8:30 – 8:45	Request of Isabel (questionnaires)
8:45 – 9:00	Presentation of PhD student <i>Pyrolysis final temperature effects on biochar stability</i> (Carlos Alho, new PhD student of the program)

9:00 – 9:45	Presentation of PhD student <i>The unintentional origin of ADE soils, and implications for its recreation</i> (Paulo Paiva)
9:45 – 10:30	Presentation of PhD students <i>Pyrogenic carbon, its impacts on soil carbon stocks and its potential for climate change policy</i> (Tatiana Rittl)
10:30 – 11:00	Break
11:00 – 11:45	Presentation of PhD students <i>Soil fertility as affected by biochar in combination with green manure and mineral fertilizer</i> (Edvaldo Sagrilo)
11:45 – 12:30	General discussion on presentations: reflection on the progress and the problems found
12:30 – 14:00	Lunch
14:00 – 17:30	Individual meetings among PhD students and supervisors
17:30 – 18:30	Wrap-up session/ pending issues
Wednesday, July 11th, 2011 – the symposium	
8:30 – 9:00	Welcome: Dr. Adalberto L. Val, Diretor do INPA, Dr. Celso Azevedo, Chefe de Pesquisa da Embrapa Amazônia Ocidental, Dr. Thom Kuyper, Terra Preta Program, Dr. Charles R. Clement, New Terra Preta Group at INPA
9:00 – 9:30	<i>The Terra Preta program and reflections on the link between terra preta and biochar</i> (Dr. Thom Kuyper, WU, the Netherlands)
9:30 – 10:00	<i>Domesticated landscapes in Amazonia: topographic features, use of space, and formation of anthrosols (terra preta) in prehistoric settlements</i> (Dr. Morgan Schmidt, Museum Goeldi, Brazil)
10:00 – 10:30	<i>Como as Terras Pretas podem ter sido formadas a partir da ocupação humana pretérita</i> (Dr. Dirse Kern, Museum Goeldi, Brazil)
10:30 – 11:00	Coffee break
11:00 – 11:30	Talk on the past 3: <i>Amazonian Dark Earths: an historical perspective about the Terras Pretas de Índio in Amazonia Central</i> (Dr. Helena Lima, UFAM, Brazil)
11:30 - 12:00	Talk on the present: <i>ADE in Africa</i> (Dr. James Fraser, Universidad Javeriana, Colombia & University of Sussex, England)
12:00 – 12:15	<i>Effects of ADE on composition, abundance and distribution of ferns, herbs and understory palms of an amazonian forest in Bolivia</i> (MSc. Estela Quintero, WUR&IBIF)
12:15 – 12:30	Discussion
12:30 - 14:00	Lunch
14:00 - 14:30	<i>The Microbiome of terra preta and its Charcoal</i> (Dr. Siu Miu Tsai, Universidade de São Paulo, Brazil)
14:30 – 15:00	Talk on the present: <i>The political dimensions of the terra preta and biochar linkage: actors, interests, strategies</i> (Dr. Joana Bezerra, Fundação Getúlio Vargas, Brazil)
15:00 – 15:30	Talk on the future: <i>Biochar is a key factor for creating Terra Preta Nova</i> (Dr. Newton Falcão, INPA, Brazil)
15:30 – 16:00	Coffee break
16:00 – 16:30	<i>Carbon Nanostructures of the Terra Preta de Índio</i> (Dr. Carlos Alberto Achete, Inmetro, Brazil)

16:30 – 17:00	Talk on the future: <i>Terra Preta recipes are not creating Terra Preta: What Is missing?</i> (Dr. Wenceslau Teixeira, Embrapa Solos, Brazil)
17:00 – 17:30	General discussion
17:30 – 18:00	Closing
Thursday, July 12th, 2012	
8:00 – 9:00	Links among projects and other initiatives
9:00 – 10:00	Preparation for the next annual meeting; the LatinAmerican network on terra preta
10:00	Departure for the field trip (by boat), 1.5 day long Visit to Caldeirão and Costa do Laranjal site
afternoon	Visit to Caldeirão
19:00 – 21:00	Crash course on Archaeological Research
Friday, July 13th, 2012	
8:00 – 17:30	Continuation of field trip: Visit to Caldeirão and Costa do Laranjal site Further discussions on any issue raising or pending
17:30	Arrival in Manaus