

International Workshop
Nice | France | October 1-3, 2019

MilAgro2019

Millennial Tropical Agricultures

*CROSS-CUTTING APPROACHES
TO GLOBAL CHALLENGES*

Université Nice Sophia Antipolis, Campus SJ3,
24, avenue des Diabes Bleus, 06300 Nice, France

Registration: milagro2019@univ-cotedazur.fr





Programme

Thursday 1 October 2019

9:00 – 10:00 Conference registration (coffee will be available in the reception area)

10:00 – 10:30 Welcome addresses

10:30 – 11:30 **Keynote talk:** *Interpreting the agricultural practices of pre-Columbian farmers: insights from comparative studies of present-day systems throughout the tropics*
Doyle McKey

Session 1: Oral communications

11:30 – 12:00 *Identification and characterization of ancient agricultural landscapes and practices in upland tropical environments (Central Maya lowlands, Naachtun-Guatemala)*
Louise Purdue

12:00 – 12:30 *From cultivation to agriculture in South-western Amazonia*
Umberto Lombardo

12:30 – 13:30 **Buffet lunch**

13:30 – 14:00 *LongTime: an interdisciplinary project to evaluate the Long Term Impact of ancient Amerindian settlements on Guianese forests and its consequences for biodiversity conservation*
Jeanne Brancier

14:00 – 14:30 *Discovery of raised fields in the humid savannas of Gabon*
Richard Oslisly

14:30 – 15:00 *Fields at Río Bec (Mexico). A case study of intensive cultivation in the Classic Maya Lowlands*
Eva Lemonnier and Marie-Charlotte Arnaud

15:00 – 15:30 **Coffee break**

Session 2: Flash-Talks and Poster Session

- 15:30 – 15:35 *Raised fields in Haiti, between African and American traditions*
Stéphen Rostain
- 15:35 – 15:40 *Cultivated plants craft in Classic Maya society: experimental and functional approach of the gourd work with obsidian blades*
Naya Cadalen
- 15:40 – 15:45 *Reconstructing pre-Columbian raised-field agriculture in the Bolivian Amazon through phytolith analysis*
Javier Ruiz-Pérez
- 15:45 – 15:50 *Embedded swidden of the tropical world: the milpa cycle of the Maya forest*
Anabel Ford
- 15:50 – 15:55 *Legacy of the ancient Maya: the twenty dominant plants of the Maya forest*
Anabel Ford
- 15:55 – 16:00 *Time and space across Amazonian societies: a microarchaeological approach of terra preta*
Paul Boucher
- 16:00 – 16:05 *A comparative study of present-day raised fields in the Congo Basin and pre-Columbian raised fields in Amazonia*
Leonor Rodriguez
- 16:05 – 16:10 *Strengthening biocultural diversity through agroecology and rural tourism: the case of the Sierra de Manantlán coffee gardens in western Mexico*
Peter Gerritsen
- 16:10 – 16:15 *Geoarchaeological studies, past versus modern soils: a new perspective to understand the impact of pre-Columbian activities in French Guiana*
Jeanne Brancier
- 16:15 – 16:20 *Changing trajectories in agrarian systems in the volcanic highlands of Zacapu (West Mexico) from AD 600 to AD 1450. A geoarchaeological approach combining LiDAR and geopedology.*
Antoine Dorison
- 16:20 – 16:25 *How to identify fire uses in ancient agrarian practices? A multi-proxy study of Maya swidden agriculture*
Lydie Dussol
- 16:25 – 17:30 Open Poster Session

17:30 – 19:30 **Cocktail reception** (provided at the conference venue)



Wednesday 2 October 2019

Session 3: Oral communications

9:30 – 10:00 *Hydro-agro-system of the wetlands in the Central Maya Lowlands: the wetland features of the bajos in the hinterland of Naachtun (Petén tropical forest, Guatemala)*

Cyril Castanet

10:00 – 10:30 *Indigenous mycorrhizae improve crop health and yield*

Pia Parolin

10:30 – 11:00 **Coffee break**

11:00 – 11:40 *Another look at the origin of intertropical agriculture (Amazonia and Central Africa)*

David Sebag and Geoffroy de Saulieu

11:40 – 12:10 *Archaeological histories of Holocene Amazonian plant management*

Myrtle Shock

12:10 – 13:30 **Buffet lunch**

Session 4: Oral communications

13:30 – 14:00 *Rice and trees: 50 years of agrarian and landscape dynamics in the Southern Rivers (Western Africa)*

Julien Andrieu

14:00 – 14:30 *Micromorphological approach to soil response to anthropogenic constraints in tropical environments*

Cécilia Cammas

14:30 – 15:00 *From erosion to valley bottom silting in shifting cultivation areas: a long-term and connectivity approach in Northern Laos*

Laurent Lespez

15:00 – 15:30 **Coffee break**

15:30 – 16:30 **Closing talk:** *Beyond the swidden: Mesoamerican agricultural practices past, present, and future*

Shanti Morell-Hart

