

CARBAMA MEETING NATIONAL MUSEUM OF NATURAL HISTORY PARIS

Monday 3/12

Petit amphithéâtre du bâtiment de l'Entomologie, 47 rue Buffon, Paris (Metro Gare d'Austerlitz)

08:45 Welcome by Tarik Meziane and Gwenaël Abril

09:00 Sebastiaan Luyssaert

The European terrestrial CO₂, CO, CH₄ and N₂O balance - where to start and when to stop?

09:45 Steven Bouillon

Steven Bouillon, Trent R. Marwick, Roel Merckx, Cédric Morana, Fredrick Tamoooh, Cristian Teodoru, Charles Balagizi, Marc-Vincent Commarieu, François Darchambeau, Frank Dehairs, Filip Meysman, Karel van den Meersche, & Alberto V. Borges

Carbon fluxes and cycling in African Rivers

10:30 Coffee break

11:00 Gwenaël Abril

Gwenaël Abril, Jean-Michel Martinez, L. Felipe Artigas, Patricia Moreira Turcq, Luciana Vidal, Fabio Roland, Tarik Meziane, Jung-Hyun Kim, Marcelo C. Bernardes, Nicolas Savoye, Jonathan Deborde, Patrick Albéric, Marcelo F. Landim de Souza, Edivaldo Lima Souza and Marc. F. Benedetti

Wetlands fuel CO₂ outgassing from the Amazon River

11:45 Tarik Meziane

Jean-michel Mortillaro, Patricia Moreira-Turcq, Gwenael Abril, Luis Felipe Artigas and Tarik Meziane

Seasonal particulate organic matter characterization in the Amazon river-floodplain ecosystem

12:30 Lunch

14:00 Gwenaël Abril

Introduction to CARBAMA, a pluridisciplinary project

Session 1: phyto- and bacterio-plankton

14:30 Luis Felipe Artigas

Luis Felipe Artigas, Sonia Brugel, Fabrice Lizon, Jessica Chicheportiche, Rodolfo Paranhos, Elizabeth Cristina Arantes de Oliveira, Marie-Paule Bonnet, Gwenaël Abril

Phytoplankton and bacterioplankton biomass and spectral group distribution in the Amazon River and floodplains

15:00 Ina Nogueira

Ina de Souza Nogueira, Carla Patricia P. Alves, Elizabeth Cristina Arantes, Cleber Nunes Kraus, Daine Ruwer, Gwenael Abril and Marcelo Bernardes

The influence of the hydrological cycle and local facts in the distribution of phytoplankton in Amazonian floodplains

15:30 Coffee break

15:45 Luciana Vidal

Luciana Vidal, Gwenael Abril, Luis Felipe Artigas, Lúcia Lobão, Michaela Ladeira de Melo, Marcelo Bernardes, Patricia Moreira-Turcq, Sonia Brugel, Valdemar Luiz Tornisielo & Fabio Roland.

Bacterial carbon demand and growth efficiency in contrasting freshwater Amazonian ecosystems

16:15 Marc Pouilly

Jean-Michel Mortillaro, Marc Pouilly, Marie Wach, Gwenaël Abril, Tarik Meziane et al.

Utilization of organic matter by freshwater fishes in two amazonian floodplains (Cabaliana and Janauaca, Brazil)

16:45 closing first day

Tuesday 4/12

Petit amphithéâtre du bâtiment de l'Entomologie, 47 rue Buffon, Paris (Metro Gare d'Austerlitz)

09:00 Nicolas Savoye

Nicolas Savoye, Patrick Albéric, Patricia Moreira-Turcq, Ina Nogueira, Felipe Artigas & Gwenaël Abril

Impact of phytoplankton on 13C DIC diurnal and seasonal signals in Amazonian floodplains

09:30 Luis Felipe Artigas

Luis Felipe Artigas, Sonia Brugel, Fabrice Lizon, Jessica Chicheportiche, Rodolfo Paranhos, Elizabeth Cristina Arantes de Oliveira, Marie-Paule Bonnet, Gwenaël Abril

Phytoplankton primary productivity in white waters of Amazonian floodplains

10:00 Jean-Michel Martinez

JM Martinez, E. Souza, C. Mendoza, R. Espinoza

Inputs of remote sensing for monitoring of flooded areas and the dynamics of blooms in CARBAMA's floodplains

10:30 Coffee break

Session 2: Organic matter : origin and fate			
11:00	Patrick Albéric	Patrick Albéric, Nicolas Savoye, Marc Benedetti, Patricia Moreira-Turcq, Marcelo Bernardes & Gwenaël Abril	Dissolved carbon sources in the Amazon River and floodplains: constraints from 13C-DOC and 13C-DIC
11:30	Jean-Michel Mortillaro	Jean-Michel Mortillaro, Claire Passarelli, Cédric Hubas, Luis Felipe Artigas, Marc Benedetti, Patrick Alberic, Sonia Brugel, Marcela Pérez, Luciana vidal, Patricia Moreira-Turcq, Gwenaël Abril and Tarik Meziane	Degradation kinetics of Amazon floodplains C4 and C3 macrophytes (<i>Paspalum repens</i> and <i>Salvinia auriculata</i>) from a multi-tracer approach
12:00	Patricia Moreira-Turcq	Patricia Moreira-Turcq, Marcela Pérez, Gwenaël Abril, Marcelo Bernardes, et al	Temporal and spatial characteristics of particulate organic matter in floodplains and Amazon River
12:30 Lunch			
14:00	Rodrigo Lima Sobrinho	Rodrigo Lima Sobrinho, Claudia Irene Zell, Jung-Hyun Kim, Gwenaël Abril, Patricia Moreira-Turcq, Jean-Michel Mortillaro, Tarik Meziane, Jaap S. Sinninghe Damsté, Marcelo Corrêa Bernardes	Sedimentary lignin and glycerol dialkyl glycerol tetraether signals in floodplain lakes (várzeas) in the central Amazon Basin
14:30	Claudia Zell	Claudia Zell, Jung-Hyun Kim, Rodrigo Lima Sobrinho, Patricia Moreira-Turcq, Gwenaël Abril and Jaap S. Sinninghe Damsté	Seasonal hydrological influence on the source and distribution of the tetraether lipids in the river and floodplain lake SPM in the central Amazon basin
15:00	Hervé Rybarczyk	Jean-Michel Mortillaro, François Rigal, Hervé Rybarczyk, Marcelo Bernardes, Gwenaël Abril and Tarik Meziane	Particulate Organic Matter Distribution along the Lower Amazon River: Addressing Aquatic Ecology Concepts Using Fatty Acids
15:30 Coffee break			
16:00-17:00	Synthesis session 1	Chairs: Fabio Roland & Tarik Meziane	List of potential papers
16:00-17:00	Synthesis session 2	Chairs: Patricia Moreira-Turcq & Gwen Abril	List of potential papers
19:00 Dinner		At the Museum 47 Rue Buffon	

Wednesday 5/12

Amphithéâtre de la Galerie de Paléontologie, 2 rue Buffon, Paris

- 09:00 Tarik Meziane & Gwen Abril *Biogeochemistry* special issue - papers in other journals
- 09:15 papers preparation by working groups
- 12:15 Lunch
- 14:00 Discussion/construction and some new paper presentations by co-authors

Thursday 6/12 Visit of the National Museum Of Natural History
Grande Galerie et les réserves

Reservation necessary
maximum 12 peoples