

BUNIAACIC meeting, University of Manchester
Hanson Room, Humanities Building on Bridgeford Street

2nd - 3rd July 2012,

Final agenda

Monday 2nd July

11:00 – 11:30	Welcome and Coffee	
	Introduction to BUNIAACIC	Gordon McFiggans (Manchester)
11:30 – 17:00	Update on Programmes and Activities Associated with BUNIAACIC	
	with lunch	
12:30 – 13:30	Perspectives from FAPESP	Paulo Artaxo (USP)
	Perspectives from NCAS and NERC	Gordon McFiggans (Manchester) on behalf of Ally Lewis (NCAS)
	Projects with funded UK involvement:	
	SAMBBA, UK perspectives	Will Morgan (Manchester)
	SAMBBA, Brazilian perspectives	Karla Longo (INPE)
	BUNIAACIC field deployment	James Allan (Manchester)
	CLAIRE-UK	Nick Hewitt (Lancaster), Eiko Nemitz (CEH, Edinburgh)
	Ongoing Brazilian research	
	AEROCLIMA and GoAmazon2014.	Paulo Artaxo (USP)
	INPE Activities & Initiatives	Karla Longo (INPE)
	LBA-INPA Activities & Initiatives	Laszlo Nagy (LBA)
	Other potential UK interests	
	Leicester PTR-MS OVOC measurements	Iain White (Leicester)
	Leeds FAGE LIF measurements.	Lisa Whalley (Leeds)
	Remote sensing	Michael Barkley (Leicester)
	Large-scale modelling	Alex Archibald (Cambridge)
19:30 –	Dinner and discussion	

Tuesday 3rd July

09:00 – 09:30	Coffee & Reintroduction for the Benefit of New Arrivals	Whole team
09:30 – 14:00 with lunch	BUNIAACIC Response to the Biodiversity and Ecosystem Processes in Human Modified Tropical Forests, NERC - FAPESP Announcement of Opportunity	
12:30 – 13:30	LBA-INPA biodiversity perspectives and possible atmospheric linkages	Laszlo Nagy
	Lancaster biodiversity perspectives and possible atmospheric linkages	Jos Barlow
	Edinburgh biodiversity perspectives and possible atmospheric linkages	Patrick Meir
	Atmospheric aspects of biogeochemical cycling and ecosystem processes in HMTF	Whole team
14:00 – 16:00	White Paper Preparation - next steps for UK Atmospheric Research in Amazonia Possibly including: A. The ACPC angle: Amazonia as a pristine, high sensitivity, laboratory for the hydrological cycle through aerosol-cloud interactions and will provide a strong contributor to global cloud-precip-climate impacts. The FAAM BAe146 can serve as a key high impact platform post-SAMBBA. B. The biogeochemical cycling and biodiversity angle: i) Pollution impacts on biodiversity and biogeochemical cycling (e.g. O ₃ and nitrate deposition) - the other direction to the US approach (forests impacts on pollution). ii) Impacts of pristine Amazonia on the global VOC, oxidant and SOA budgets. Projected impacts of land-use change. Excellent experimental capability from OP3 and model capability from Hadley Centre & others. C. The technology angle: producing new capability to measure forest functioning and biogeochemical cycling - an economic opportunity for business to create new products. D. The OH / CH₄ story: that models cannot in any way correctly predict OH over the tropical forests compared to measurements - the UK has some of the most internationally leading capability associated with radical measurements and measurement of organic radical sinks, coupled to excellent explicit and global modelling capabilities. E. Non CO₂ GHG emissions from the seasonally-changing Amazonian wetlands: the UK GHG flux capability is exceptional and could make a substantial contribution here.	
16:00	Meeting Close	

Attendees

James Allan, University of Manchester, james.allan@manchester.ac.uk

Alex Archibald, University of Cambridge, alex.archibald@atm.ch.cam.ac.uk

Paulo Artaxo, University of Sao Paulo, artaxo@if.usp.br

Michael Barkley, University of Leicester, mpb14@leicester.ac.uk

Jos Barlow, Lancaster University, jos.barlow@lancaster.ac.uk

Hugh Coe, University of Manchester, hugh.coe@manchester.ac.uk

Jim Haywood, Met Office / University of Exeter, jim.haywood@metoffice.gov.uk

Nick Hewitt, Lancaster University, n.hewitt@lancaster.ac.uk

Ben Langford, CEH Edinburgh, benngf@ceh.ac.uk

Karla Longo, INPE, karla.longo@inpe.br

Gordon McFiggans, University of Manchester, g.mcfiggans@manchester.ac.uk

Patrick Meir, University of Edinburgh, pmeir@ed.ac.uk

Will Morgan, University of Manchester, will.morgan@manchester.ac.uk

Laszlo Nagy, INPA, laszlo.nagy@inpa.gov.br

Eiko Nemitz, CEH Edinburgh, en@ceh.ac.uk

Lisa Whalley, University of Leeds, L.K.Whalley@leeds.ac.uk

Iain White, University of Leicester, irw7@leicester.ac.uk

Jamie Whitehead, University of Manchester, james.whitehead@manchester.ac.uk

Unable to Attend, but providing input or requesting contact about subsequent activities

Gilberto Fisch, INPE, fisch.gilberto@gmail.com

Dwayne Heard, University of Leeds, d.e.heard@leeds.ac.uk

Ally Lewis, University of York, altl@nerc.ac.uk

Paul Monks, University of Leicester, p.s.monks@leicester.ac.uk

Toby Pennington, Royal Botanical Garden, Edinburgh, t.pennington@rbge.ac.uk

John Pyle, University of Cambridge, john.pyle@atm.ch.cam.ac.uk