



2013 Meeting Report Form

Re: UNESCO-IUGS Contract and IUGS Supplementary Contribution

Project Number and Title:

Send to UNESCO and IUGS
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 by 15/12/2013

MEETING:

Date: 4th to 9th August 2013

Place: Campo Grande and Corumbá, Mato Grosso do Sul, Brazil

Itinerary: Workshop in Corumbá (West Brazil) and field in the area around the bordertown of Corumbá near Bolívia.

SCOPE AND RESULTS OF MEETING:

Scope of Meeting (program or outline of geological study)

The workshop took place in the town of Corumbá, Mato Grosso do Sul (West Brazil) situated along the Paraguay River, on the border of the Pantanal swamplands. In the near vicinity of Corumbá were the 1200 m high mountains which host high-grade iron and manganese ores (BIFs) together with limestones, the BIFs being some of the latest occurrence of these unusual sediments. A well-preserved variety of Ediacaran-aged fossils and biogenic sedimentary structures occur in this sequence, which record life in the Late Proterozoic, a time of dynamic climate and biologic events as the supercontinent of Rodinia began to fracture. The purpose of the conference was to gather a group of experts with a wide variety of expertise to begin a multidisciplinary investigation of this little known Neoproterozoic Paraguay Belt, and its included biota, such as *Cloudina* and *Corumbella*.

Achievements of Meeting

1. Cooperation of many institutions to make this meeting possible – both upfront funding and in kind support: Universidade de Brasília, Universidade Federal do Mato Grosso do Sul, University of Maryland (ICS/Subcommission on Ediacaran Stratigraphy), Monash University, Melbourne (IGCP587), Technical University of Berlin, Universidade de São Paulo)
2. Publication of an extensive Abstract volume supported by industry (Petrobras, amongst others) and registration fees.
3. Presentation of 17 oral papers and more than 20 poster papers
4. Three day field trip that visited the Jacadigo Group in the Urucum Mountains, the Tamengo and Guaicurus formations of the Corumbá Group, with leaders Detlef Walde, Paulo Boggiani, Claudio Gaucher, Evelyn Sanchez, Bernd-D. Erdtmann, Mirian Pacheco, Edi Guimarães.

Outcome of Meeting

In short, the meeting was the beginning of a number of investigations linking Brazilian researchers with a number of other researchers in institutions in Germany, Australia, USA, China and Uruguay, especially early career researchers and students. Further research is planned in such areas as synchrotron scanning using Brazilian facilities as well as further detailed geochemical and palaeontological investigations, and other field conferences in 2014 and beyond.

Signature of Project Leader and Date *Patricia V. Reich* 26 Nov. 2013