

1st GRUAN Implementation-Coordination Meeting (ICM-1)
Norman, Oklahoma, USA
2-4 March 2009

Item 2

GRUAN Work Plan

(Submitted by GCOS Secretariat)

Summary and Purpose of Document

The document states the current GRUAN work plan as agreed at the 2008 GRUAN Implementation Meeting (26-28 February 2008, Lindenberg, Germany) and as documented in publication GCOS-121 (<http://www.wmo.int/pages/prog/gcos/Publications/gcos-121.pdf>)

GRUAN Work Plan

(cf. chapter 6 of the *Report of the GRUAN Implementation Meeting*, Lindenberg, Germany, 26-28 February 2008, GCOS-121 (WMO/TD No. 1435)¹)

No	Action	Deadline	Who
1	Evaluate the radiation correction for the temperature measurement for each radiosonde	Jan 2009	GRUAN Sites with help from Lead Centre
2	Communication to satellite community (GSICS), sponsoring for additional radiosonde launchings	Continuous	Mitch Goldberg (RSSC/CM), GCOS secretariat
3	Develop a strategy for detecting change in the measurement quality at GRUAN site, such as periodic intercomparison between instruments as often as possible at suitable intervals at each selected GRUAN sites	Continuous	Lead Centre (all sites), NMIs
4	Organize major intercomparison of operational and research radiosondes to choose which can qualify for use in the GRUAN network.	2010 and thereafter on a regular 5 year interval	Lead Centre, GCOS, CIMO, scientific community; WG (collect all available data, reports and papers)
5	First draft of manual / guidelines for GRUAN observations (assuring comparability, spreading best practices, sharing lessons, reporting)	April 2009	Lead Centre and initial sites in collaboration with WG-ARO, CIMO, CBS
6	Invite initial candidate stations to become GRUAN stations	September 2008	GCOS Secretariat following AOPC and consultation with CBS
7	Develop a matrix/spreadsheet with criteria for initial and potential sites	September 2008	Lead Centre
8	QC/QA procedures to be resolved	2010	ARM / Lead Centre / WG-ARO / NMIs
9	Establish data policy	September 2008	Lead Centre and initial sites, WG-ARO, GCOS Secretariat, AOPC
10	Consider various options on data dissemination	Summer 2008	Lead Centre, NOAA, ARM, WG-ARO
11	Devise data dissemination practices (model, format, metadata, monitoring of usage)	2009	ARM / Lead Centre / WG-ARO, help from many
12	Develop definition for optimal GRUAN site to decide on future sites (optimal location/climate zone, institution etc.); collect information about initial and potential GRUAN sites	Jan 2010	WG-ARO, Lead Centre

¹ <http://www.wmo.int/pages/prog/gcos/Publications/gcos-121.pdf>