

CIMO EXPERT TEAM ON OPERATIONAL REMOTE SENSING (FIRST SESSION)

CBS/ET-SBRSO & CIMO/ET-ORS

QUESTIONNAIRE ON WIND PROFILING RADARS (first draft)

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(Member of ET-SBRSO)

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- > Introduction
- > Development of the questionnaire
- > Challenges for the questionnaire
- > Drafts
- > Future plans (suggestions)
- > Comments and contact



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INTRODUTION

- During the first session of ET-SBRSO (Nov/2009), Mr. Goldstraw proposed a questionnaire to know the status of remote sensing systems in the WMO members (WPR, Lidar, etc)
- Objective: status for integration of remote sensing systems into WIGOS and GOS
- > Work Plan ET-SBRSO: item 3 (review)



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CBS-CIMO Remote Sensing, Annex IV, p. 3

ANNEX IV

ET-SBRSO WORK PLAN

No.	Task	Deliverable/Activity	Due	Responsible	Status	Comment
3	Assess the status of implementation of and plans for SBRS observing systems by WMO Members.		2 ^{no} Quarter 2010	Amaury Caruzzo (Ercan		
		status of implementation of operational Wind Profiler, GNSS IWV and Microwave Radiometer Networks. SBRSO Questionnaire to be created sent to Members and returns analyzed. Plus encourage late Weather Radar Questionnaire responses. Deliverables: 1. Report on the results of the questionnaire to be published as a CBS Technical Report 2. Data available for upload into a Surface Based Remote Sensing Networks Database.		Büyükbas & Stuart Goldstraw)		



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DEVELOPMENT

- ➤ 2010: use of old surveys (radar, lighting network satellite etc) and review of Mr. Goldstraw and Mr. Büyükbas
- > 2011 (1st sem): considerations and contributions of Mr. Mizuno and Mr. Mizushima
- ➤ 2011 (2nd sem): We have a preliminary draft! But, we need to decide!

What is our strategy?



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CHALLENGES FOR QUESTIONNAIRE

> We have many different types of remote sensing systems, so:

Only one (small) questionnaire for each remote sensing system

OR

A big questionnaire for all remote sensing systems (WPR, Lidar, GNSS etc)



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					WMO/CBS/ET-SBRSO	
	1.	WMO MEMBER:				
	1.1.	Country/ Territory:				
	1.2.	Which organization	untry / Territory is this respons	se from?		
		NMHS		other organization		
	1.3.	Institute/organizati	on:			
WORLD METEOR	1.4.	Contact person (responsible for completing this questionnaire):				
Commiss		name:				
Expert Team on Surface-		function/ position:				
		address:				
QUESTIONNAIRE						
INTRODUCTORY NOTE.		phone:	e-mail:			
INTRODUCTORY NOTE:						
X.X.X.X.X.	2. WIND PROFILING RADAR SYSTEMS:					
	2.1.	Does your Organiz	Organization use wind profiling radars systems?			
		No 🗌	١	Yes 🗌		
		(If your answer is "no", you are invited to answer the following questions)				
		(If your answe	r is "yes", please ju	ump directly to question 2.3)		
X.X.X.X.X.		Does your Organiz No (If your answer	ration use wind \ r is "no", you are in	profiling radars systems? Yes nvited to answer the following quest	tions)	



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FUTURE PLANS (my suggestions)

- 1. Analyze and include suggestions from other members of the ET (Jan-Feb 2012)
- 2. Develop a new version for approval of the Chair and Vice Chair of ET (March 2012)
- 3. Submit the questionnaire to Brazil and Japan for a test (April 2012)
- 4. Finish the final version and send to Chair and the WMO Secretariat (July 2012)
- 5. Receive responses from other countries and prepare the report (2nd Semester 2012)



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