Annex B –GSRN Pilot station nomination form

Please complete the following form for each nominated station separately.

General information					
WMO Member:		Supervising Organization:		WMO Region of the station:	
Contact person:			E-Mail:		
Address of the Organization					

Station details					
Station Name:		WIGOS Station Identifier(s):		Alternative Identifier(s):	
Country/territory of the site		Date established:		WMO Program/ Network Affiliation*	
Longitude		Latitude		Altitude amsl. (m)	
Köppen Climate Classification		Terrain feature of the site		Vegetation cover of the site	
Are there any special considerations why the station should be included in the GSRN pilot network?					

Measurement details (s. Annex A)					
GSRN mandatory variable:	**Air Temperature**			**Precipitation**	
Will you provide data of this mandatory variable?	Yes ☐ No ☐			Yes ☐ No ☐	
Describe the type of instrument(s) and its shielding					
Class of the WMO Siting Classification:					
Will you provide data of the **associated quantities of influence (AQI)** for the mandatory variable?	Precipitation	Yes ☐ No ☐		Air temperature	Yes ☐ No ☐
	Relative humidity	Yes ☐ No ☐		Relative humidity	Yes ☐ No ☐
	Global solar radiation	Yes ☐ No ☐		Global solar radiation	Yes ☐ No ☐
	Reflected solar radiation	Yes ☐ No ☐		Wind at the height of the precipitation gauge	Yes ☐ No ☐
	Wind	Yes ☐ No ☐		(Wind at another height)	Yes ☐ No ☐
	Comment:			Comment:	
Do you already fulfil the requirements from Annex A for the GSRN mandatory variable and the AQIs?	Yes ☐ No ☐			Yes ☐ No ☐	
	Comment:			Comment:	
If you choose "no" in the above question: Will you be able to fulfil them in future? If not, please explain the reasons.	Yes ☐ No ☐			Yes ☐ No ☐	
	Comment:			Comment:	

Additional Information for the station	
Historical observing records	

Long term assurance of measurements at the station	
Condition for the maintenance of the site and equipment	
Photos of the station looking towards N, E, S, W	
360° panorama photo from the centre of the site*	
Satellite image of the station surrounding (15 km radius) *	

* information is voluntary

General information:

WMO Member:	Member of WMO to which the station belongs
Supervising Organization:	Organisation responsible for the operation of the station
WMO Region of the station:	Region of the station location
Contact person:	Contact person for the GSRN LC to gather additional information about the station
E-Mail:	E-Mail of the contact person
Organizational Address:	Address of the supervising organisation

Station details

Station Name:	Name of the Station (as used in OSCAR)
WIGOS Station Identifier(s):	WIGOS Station Identifier according to the Guide to the WMO Integrated Global Observing System (WMO-No. 1165), if assigned.
Alternative Identifier(s):	Alternative international or national identifier, if assigned.
Country/territory of the site:	Country or territory in which the station is located.
Date established:	Date since when the station was established to observe meteorological data
WMO Program/Network Affiliation*	Is the station already participating to another WMO Program or network (e.g. GRUAN, BSRN, GCW, GSN, …)
Longitude/ Latitude:	Provide the latitude and longitude at the temperature measurement of the nominated station in the form of degree decimal with a resolution of at least 0.001, with the datum specified in GIMO Vol. I, Chapter I, 1.3.3.2.
Altitude amsl (m):	Provide the altitude of the station at ground level in meter above mean sea level with the datum specified in GIMO Vol. I, Chapter I, 1.3.3.2.
Köppen Climate Classification:	Provide the abbreviation and name of the climate zone where the nominated station is located, e.g., Cfa: Humid subtropical climate.
Terrain feature of the site:	Please describe the surrounding terrain e.g.: "Plain", "plateau", "basin", "hill", "mountain", "coastal", "island", etc. Multiple features can be used, for example, island, coastal.

Surface type of the site:	Please describe the main surface type of the station area, e.g. grass, sand, rock
Are there any special considerations why the station should be included in the GSRN pilot network?	GSRN would like to cover all areas around the world, especially stations in data sparse regions are of great value. Please indicate if the nominated station has some unique characteristics (e.g. arctic station, specialised instrumentation)

Measurement details

Type of the instrument and description:	Please describe the instruments you are using to measure the mandatory variable.
Class of the WMO Siting Classification:	Describe, which class the mandatory variable according to the Siting Classification for Surface Observing Stations on Land in GIMO, Volume I, Annex 1.D (WMO-No. 8) has (1 – 5). If it is not class 1, please explain what are the reasons that is not yet achieved or cannot be achieved?
Will you provide data of the associated quantities of influence for the mandatory variable?	Please indicate which AQIs you measure at the station? If you are using the mandatory measurements as the AQIs (Temp, Prec.), please note this as well.
Do you already fulfil the requirements from Annex A for the GSRN mandatory variable and the AQIs?	Please check carefully and indicate whether you are able to fulfil all the requirements for the mandatory variables and the AQIs (e.g. on uncertainties, maintenance and calibration regimes) according to Annex A.
If you choose "no" in the above question: Will you be able to fulfil them in future? If not, please explain the reasons.	If you choose "no" in the above question. Please explain, which requirements

Additional Information for the station

Historical observing records	Explain, since when you gather automatic meteorological measurements that might be useful for GSRN purposes.
Long term assurance of measurements at the station	In order to achieve the objectives of the GSRN a site should be able to ensure sustained operations and preferably provide accurate long-term records (> 10 years) of reference variables. Please explain, if you expect to fulfil this with the nominated station. Do you expect any significant changes to the nearby surrounding of the station that might affect the measurements or their representativity for GSRN.
Condition for the maintenance of the site and equipment	Explain your process to repair or replace the equipment at fault.
Photos of the station looking towards N, E, S, W	The photos should show the whole station equipment as well. Please indicate on the photos the cardinal direction. e.g. East South West North
360° panorama photo from the centre of the site*	e.g.:

Satellite image of the station surrounding (15 km radius) *	e.g.: