

**HRS-SAP
Proposals**

N°	1
Name	Sylvain Airault
Org1	Laboratoire MATIS
Org2	Institut Géographique National
Adr.1	2, avenue Pasteur
Adr.2	94165 St-Mandé cedex(France)
Tel	(33) 1 43 98 81 84
Fax	(33) 1 43 98 81 71
E-Mail	Sylvain.Airault@ign.fr
Location	Montmirail
Country	France
Landscape	It represents a great diversity of landscapes : Strong variations of elevation (on the Dentelles de Montmirail area) Important vegetation coverage Urban areas and man-made objects
Long.	4°50' - 5°10' E
Lat.	44°00' - 44°15' N
Reference Data	We will use as ground reference data a DTM coming from the photogrammetric acquisition of contour lines from aerial photographs at 1:25000. This DTM has a resolution of 10 meters and a precision of 1 to 2 meters RMS. We will also compare HRS DTM to other data sources :DTM coming from the automatic correlation of aerial photographs. DTM coming from an airborne laser acquisition (one point / 8 m2).

**HRS-SAP
Proposals**

N°	2
Name	Rolph Becker
Org1	MAPS (UAE)
Org2	
Adr.1	Corniche Plaza 1,
Adr.2	P.O. Box 5232, Sharjah, U.A.E.
Tel	+ 971 6 5725411
Fax	+ 971 6 5724057
E-Mail	rbecker@mapsuae.com
Location	Merowe
Country	Sudan
Landscape	?
Long.	31°49'E
Lat.	18°30'N
Reference Data	The DTM has been produced photogrammetrically from aerial photography scale 1:21,000. Airborne GPS controlled Aerial Triangulation has been carried out incl. x-strips. The DTM spacing is 20 with an vertical accuracy in the order of 1 m.s.e.

**HRS-SAP
Proposals**

N°	3
Name	Dr. Yves CORNET, Assistant Professor, & Dr. Jean-Paul DONNAY, Professor,
Org1	Geomatics Unit, Department of Geography
Org2	University of Liège
Adr.1	Bât. B5, Allée du 6 Août, 17,
Adr.2	4000 Liège (Belgium),
Tel	+32 4 3665371
Fax	+32 4 3665693
E-Mail	ycornet@ulg.ac.be
Location	Liege
Country	Belgium
Landscape	Test site in temperate climatic area with moderate relief. - Large variety of land uses - from dense urban or industrial area to rural area with cultures and pastures or forest area
Long.	5.5706°E
Lat.	50.6119°N
Reference Data	Two DEM are available in the valley. These files will be available and can probably be used in the framework of the STEREO Project.

**HRS-SAP
Proposals**

N°	4
Name	Prof. Clive Fraser Paul Dare Dr.
Org1	Department of Geomatics
Org2	University of Melbourne
Adr.1	Victoria 3010
Adr.2	Australia
Tel	61,383,440,356
Fax	61,393,472,916
E-Mail	c.fraser@unimelb.edu.au / pmdare@unimelb.edu.au
Location	Melbourne
Country	Australie
Landscape	The Melbourne metropolitan area is a mixed urban area (high density urban, low density urban, parklands, coastline etc)
Long.	144.89° - 145.00° E
Lat.	37.78° - 37.86° S
Reference Data	An accurate 25m DEM (1 m acc.) of the Melbourne metropolitan region + 40 ground control points, measured to an accuracy of less than 10cm

**HRS-SAP
Proposals**

N°	5
Name	Professor Ian Dowman
Org1	Department of Geomatic Engineering
Org2	University College London
Adr.1	Gower Street
Adr.2	London WC1E 6BT UK
Tel	+44 20 7679 7226
Fax	+44 20 7380 0453
E-Mail	idowman@ge.ucl.ac.uk
Location	Aix-en-Provence
Country	France
Landscape	Urban, countryside
Long.	5°24' - 5°45' E
Lat.	43°23' - 43°34' N
Reference Data	DEM: IGN 10m spacing, 1 m acc. Area: 30.6 x 21.7 km

**HRS-SAP
Proposals**

N°	6
Name	Etienne BERTHIER
Org1	OMP
Org2	GDR STRAINSAR
Adr.1	14 ave. Ed. Belin
Adr.2	31400 Toulouse, France
Tel	33 5 6133 2901
Fax	33 5 6133 2900
E-Mail	Etienne.Berthier@cnes.fr
Location	Mont Blanc
Country	France
Landscape	Mountains, glaciers
Long.	6°40' - 7°20' E
Lat.	45°45' - 46°10' N
Reference Data	DEM derived from aerial photos (1998) , 30 m posting, 1m acc.

**HRS-SAP
Proposals**

N°	7
Name	KIANIFAR Farhad
Org1	Photogrammetry Dept.
Org2	National Cartographic Center of Iran (NCC)
Adr.1	Meraj Ave, Azadi Sq., Tehran, Iran
Adr.2	PO Box 13185 - 1684
Tel	98 21 6030460
Fax	98 21 6001971-2
E-Mail	kianifar@ncc.neda.net.ir
Location	Rasht
Country	Iran
Landscape	?
Long.	49°30' - 50°30' E
Lat.	37°00' - 37°30' N
Reference Data	Absolute error of our DEM is not more than 7.52 meter. - RMSE of our DEM is 1.62 meter Ground Control Points (GCPs) are all extracted from our newly produced 1 : 25,000 scale topographic maps (by photogrammetric methods). So, dense and well distributed GCPs would be available for the test area.

**HRS-SAP
Proposals**

N°	8
Name	Dr.-Ing. Wolfgang Kornus
Org1	
Org2	Institut Cartogràfic de Catalunya (ICC)
Adr.1	Parc de Montjuïc
Adr.2	E – 08038 Barcelona Spain
Tel	+34.93.5671500
Fax	+34.93.5671567
E-Mail	wkornus@icc.es
Location	Catalonia
Country	Spain
Landscape	Urban, countryside
Long.	0°00'-3°30' E
Lat.	40°30'-43°00 N
Reference Data	On 2/3 of the area of Catalonia and whose accuracy is approximately 1m (1sigma) for both the orthoimages and the digital terrain model

**HRS-SAP
Proposals**

N°	9
Name	REINARTZ Peter
Org1	Remote Sensing Technology Institute - Image Science
Org2	German Aerospace Center (DLR)
Adr.1	Oberpfaffenhofen
Adr.2	D - 82234 Wessling - Germany
Tel	+ 49 - 8153 - 282757
Fax	+ 49 - 8153 - 281444
E-Mail	Peter.Reinartz@dlr.de
Location	Bavaria
Country	Germany
Landscape	Hilly, post-glacial landscape, agriculture, lakes, alpine upland. Height range between 400 to 2000 meters.
Long.	12°03' - 12°45' E
Lat.	47°42' - 48°30' N
Reference Data	For several parts of the investigation area, the high-resolution DTM DGM 5 based on airborne laser mapping with an elevation accuracy of 0.5 m is available and area-wide trigonometric points (TP) with an accuracy of a few centimeters.

**HRS-SAP
Proposals**

N°	10
Name	RUDOWSKI Veronique
Org1	IGN Espace
Org2	Institut Géographique National
Adr.1	6 av. de l'Europe
Adr.2	F - 31527 Ramonville Cedex France
Tel	33- 5 6219 1944
Fax	33- 5 6173 0317
E-Mail	veronique.rudowski@ign.fr
Location	Manosque
Country	France
Landscape	It's a countryside landscape, with fields, small villages and medium height relief. The difference in height is between 100 to 1100 meters.
Long.	5°15' - 6°15' E
Lat.	43°30' - 44°00' N
Reference Data	The aerial Reference DTM, describes an area of roughly 6 by 66 Km with a 25 m spacing and Z accuracy better than 1m RMS.

**HRS-SAP
Proposals**

N°	11
Name	Dr. Ramesh P. Singh, Professor
Org1	Department of Civil Engineering
Org2	Indian Institute of Technology
Adr.1	Kanpur - 208 016
Adr.2	India
Tel	91-512-2597295
Fax	91-512-2590260
E-Mail	ramesh@iitk.ac.in
Location	Gujarat
Country	India
Landscape	The region has experienced a major earthquake on January 26, 2001
Long.	70,32°E
Lat.	23,40°N
Reference Data	The Survey of India did detailed leveling of the area. The GPS measurements are still going. SRTM scene is also available of this region. We have IRS data from this area. We can plan to carry out GPS measurements if it is required.