



Grant agreement no. 607379

**SPA.2013.2.1-01 - Analysis of Mars Multi-Resolution Images using
Auto-Coregistration, Data Mining and Crowd Source Techniques**

- Collaborative project -

D4.1

Completion of HRSC DTMs and ORIs

WP4 - Global DTM/ORI production & validation

Due date of deliverable: month 35 – November 2016

Actual submission date: 15/12/16* *(*) EC approval pending*

Start date of project: January 1st 2014 Duration: 36 months

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Dissemination Level		
PU	Public	x
PP	Restricted to other programme participants (including the Commission Services)	
RE	Restricted to a group specified by the consortium (including the Commission Services)	
CO	Confidential, only for members of the consortium (including the Commission Services)	

History table

Version	Date	Released by	Comments
1.0	15/12/2016	JPM	

Summary

Thirty nine HRSC orbits were processed to produce complete coverage of the South Polar Residual Cap both with a 3D Digital Terrain Model (DTM) and a set of orthoRectified images (ORIs) shown in Figures 1 & 2.

Processed by A.Putri, UCL-MSSL with EXTORI files from Alexander Dumke, FU Berlin.

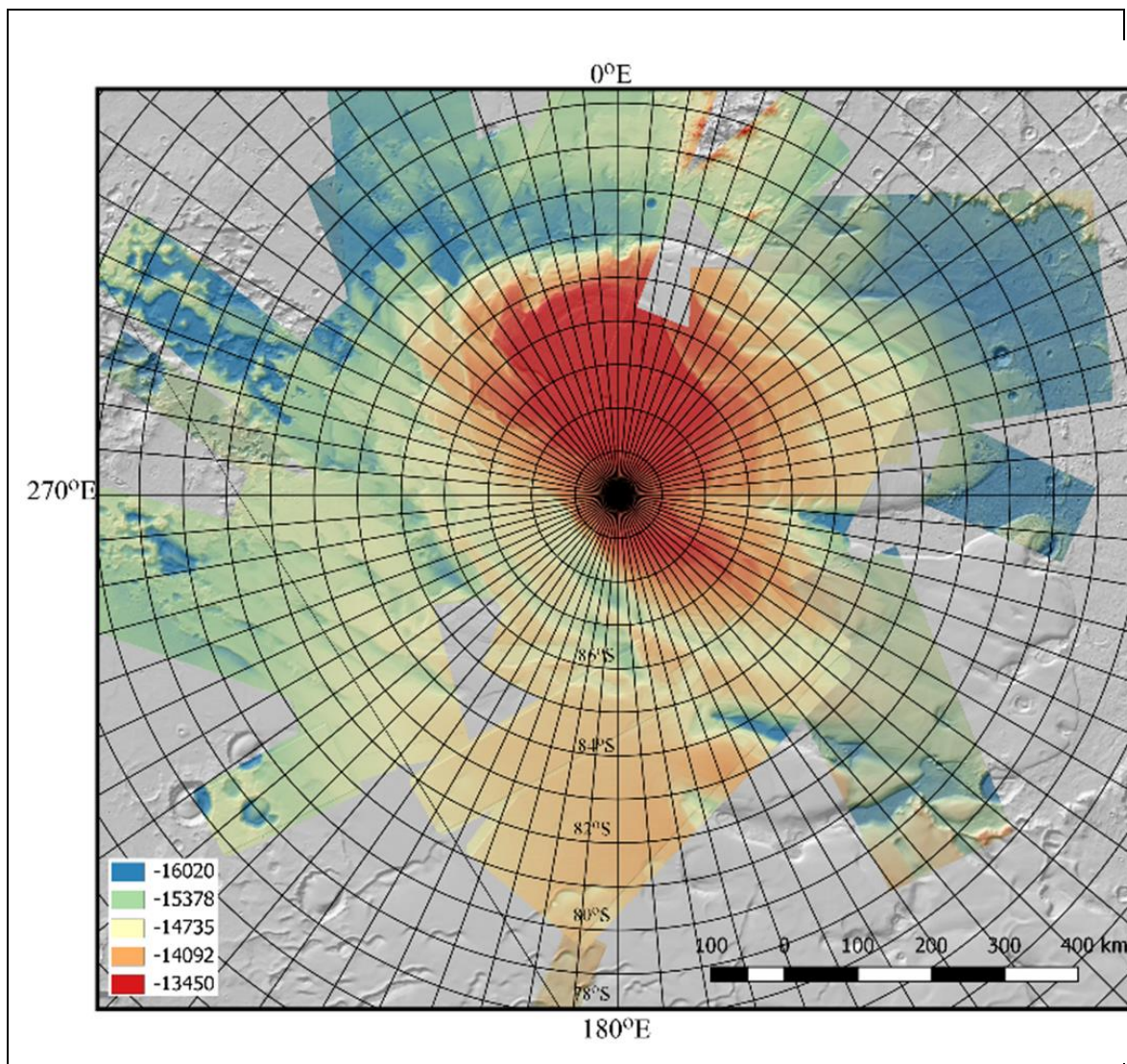


Figure 1: Base DTMs produced from HRSC

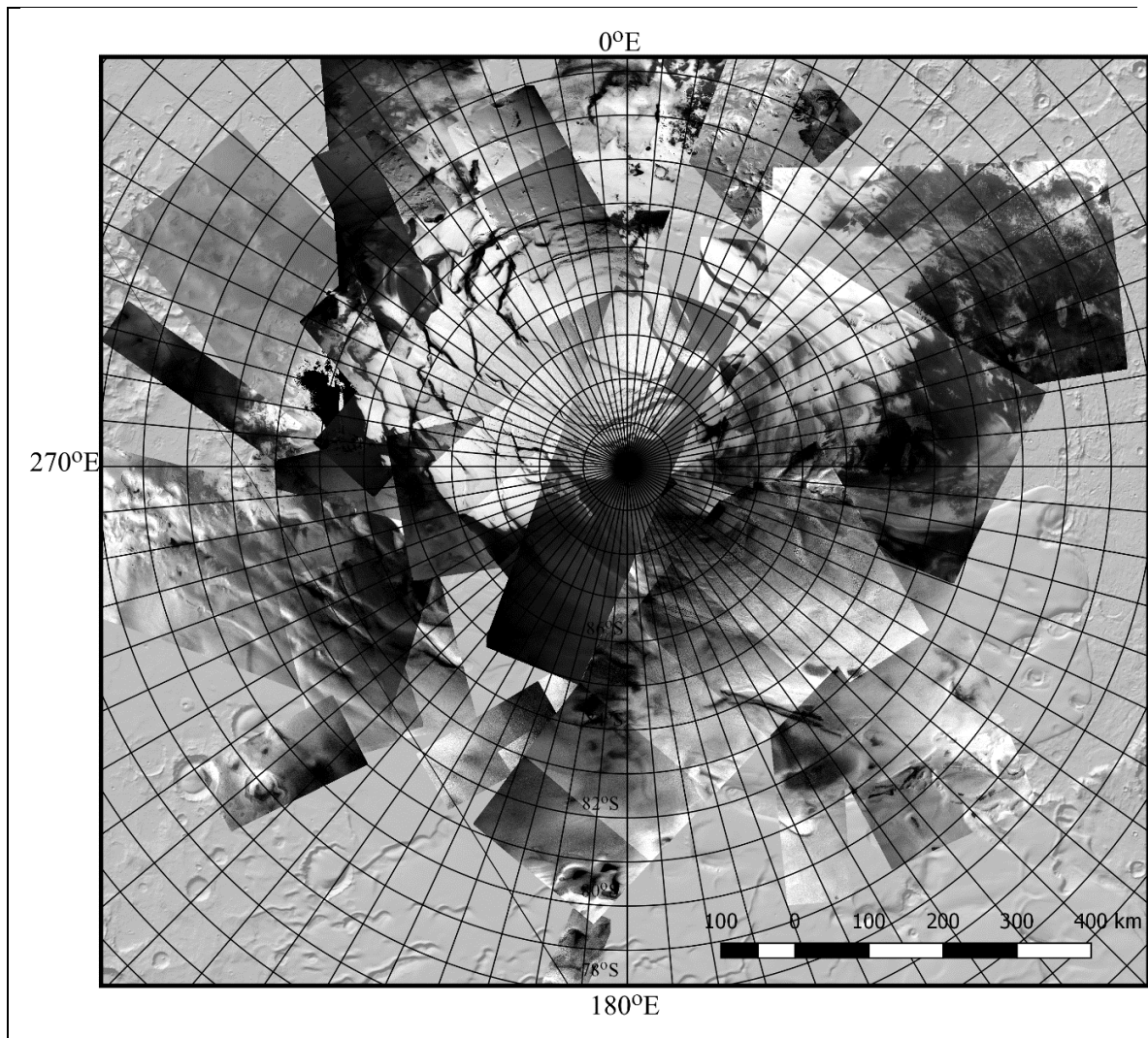


Figure 2: OrthoRectified Nadir images using base DTMs