

Terrafirma User Training Day
December 2, 2010



Terrafirma Training Day

THURSDAY 2nd December
Training Room- ESRIN, Frascati (Italy)

TIME	SUBJECT	TRAINERS
09:00 - 09:10	Welcoming Remarks	Sandro Moretti, UNIFI
09:10 - 09:40	SAR sensors. Geometry of acquisition. The interferometric concept.	Fabrizio Novali, TRE
09:40 – 09:55	Questions	
09:55 - 10:25	Validation of PS data. Precision and accuracy. Systematic errors. Atmospheric components.	Charles Werner, Gamma Remote Sensing
10:25 – 10:40	Questions	
10:40 – 11:05	COFFEE	
11:05 - 11:35	The application of Persistent Scatterer InSAR (PSI). The feasibility of applying PSI to detect and assess a range of ground & structure motion phenomena.	Freek van Leijen, Hansje Brinker
11:35 – 11:50	Questions	
11:50 - 12:20	What is a PS? Why not all targets exhibit PS behavior? Typical PS densities in urban areas. Phase unwrapping problems. Combining different datasets.	Javier Duro, Altamira Information
12:20 – 12:35	Questions	
12:35 – 14:00	LUNCH	
14:00 – 17:00	Afternoon Session – Practical Exercises	
14:00 - 15:30	Hydrogeology Theme: Subsidence phenomena in Gioia Tauro area case study	Federico Raspini & Francesca Cigna, UNIFI
15:30 – 15:50	COFFEE	
15:50 - 17:00	Tectonics Theme: Istanbul Case Study	Salvatore Stramondo, INGV
17:00	END OF DAY 2	