

# UNAVCO WInSAR Report 2009

December 16, 2009

Contact us: [winsar@unavco.org](mailto:winsar@unavco.org)

## WInSAR Funding

### **NSF/NASA Grant**

\$50K from each, total \$100K per year (2008-2011; startup 6/08)  
Data, archivist, SW development

### **USGS Cooperative Agreement**

\$50K per year (FY2009 –FY2013; startup 11/08)  
Archived data and tasking purchases for volcano targets

### **NSF Proposal for Additional Data, Envisat Tasking, Archivist time**

\$433,415 total for 2-years, submitted to NSF EarthScope and I&F

## Tracking WInSAR Data Budget Spending

winsar data costs.xls							
	A	B	C	F	G	H	I
1	<b>winsar data costs</b>						
2			cost known in euro, but final cost is exchange rate dependent				
3			projected cost, depends on current/future orders (no invoice in hand)				
4							
5				WInSAR			
6	time frame	satellite	invoice #	direct	indirect	total	
24	Feb-2009	Envisat	20090000007-IN	\$904.04	\$144.01	\$1,048.05	
25	Mar-2009	ERS	No ERS activity	\$0.00	\$0.00	\$0.00	
26	Mar-2009	Envisat	20090000039-IN	\$2,320.70	\$369.69	\$2,690.39	
27	Apr-2009	ERS	20090000082-IN	\$287.40	\$45.78	\$333.18	
28	Apr-2009	Envisat	20090000081-IN	\$7,271.79	\$1,158.40	\$8,430.19	
29	May-2009	ERS	No ERS activity	\$0.00	\$0.00	\$0.00	
30	May-2009	Envisat	20090000098-IN	\$6,279.71	\$1,000.36	\$7,280.07	
31	Jun-2009	ERS	2009000100-IN	\$2,085.66	\$332.25	\$2,417.91	
32	Jun-2009	Envisat	20090000099-IN	\$7,437.43	\$1,184.78	\$8,622.21	
33	Jul-2009	ERS	2009000117-IN	\$975.75	\$155.44	\$1,131.19	
34	Jul-2009	Envisat	2009000119-IN	\$7,136.91	\$1,136.91	\$8,273.82	
35	Aug-2009	ERS	2009000155-IN	\$1,267.74	\$201.95	\$1,469.69	
36	Aug-2009	Envisat	2009000156-IN	\$8,701.18	\$1,386.10	\$10,087.28	
37	Sep-2009	ERS	2009000166-IN	\$269.43	\$42.92	\$312.35	
38	Sep-2009	Envisat	2009000167-IN	\$7,749.85	\$1,234.55	\$8,984.40	
39	Oct-2009	ERS	2009000221-IN	\$414.70	\$66.06	\$480.76	
40	Oct-2009	Envisat	2009000220-IN	\$6,791.00	\$1,081.81	\$7,872.81	
41	Nov-2009	ERS		\$245.05	\$39.04	\$284.09	
42	Nov-2009	Envisat		\$7,423.80	\$1,182.61	\$8,606.41	
43	Dec-2009	ERS		\$245.05	\$39.04	\$284.09	
44	Dec-2009	Envisat		\$7,423.80	\$1,182.61	\$8,606.41	
45	Jan-2010	ERS		\$245.05	\$39.04	\$284.09	
46	Jan-2010	Envisat		\$7,423.80	\$1,182.61	\$8,606.41	
47	Feb-2010	ERS		\$245.05	\$39.04	\$284.09	
48	Feb-2010	Envisat		\$7,423.80	\$1,182.61	\$8,606.41	
49							
50	TOTAL			\$92,720.99	\$14,770.45	\$107,491.45	
51							
52							

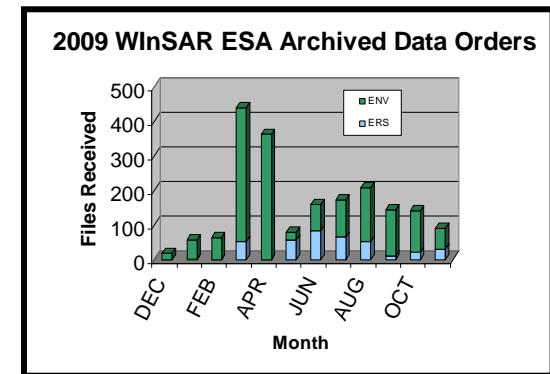
- Data funds budgeted through NSF/NASA for through May 2010: \$92K
- Data funds expended or committed in the grant to date: \$62K
- Monthly invoice drafts received from ESA, reconciled against deliveries

## WinSAR Holdings Summary

### UNAVCO WinSAR Node Searchable Catalog

- 1.6 Tb
- ERS: 6,896 frames
  - increase of 378 from December 2008
- Envisat: 2,290 frames or swaths
  - increase of 1,342 from December 2008

<http://winsar.unavco.org/search.php>



## EarthScope SAR Holdings Summary

- ERS: 55,255 frames (sources: ASF and ESA)
- Envisat: 8,860 frames (source: ESA)
- Radarsat-1: 52,870 frames (source: ASF)
- Additional Radarsat-1 to be delivered

[http://geoes-insar.unavco.org/archive\\_search\\_and\\_download\\_requests.php](http://geoes-insar.unavco.org/archive_search_and_download_requests.php)

## 2009 Tasks Accomplished

- Annual report submitted for WInSAR Grant
- Proposal to EarthScope and I&F submitted
- On track with ESA orders
- ~1,700 ERS/Envisat scenes ordered, received, ingested
- 4,076 Envisat tasking submitted for WInSAR, USGS targets
- Ordering and data management for Supersites
- ESA CAT-1 report in progress
- Improvements to the UNAVCO WInSAR database/web
  - Java Map replaced with GoogleMaps search tool
    - <http://geoes-insar.unavco.org/sasi/sasi.php>
  - Merged WInSAR/EarthScope InSAR database in testing

## 2010 Plans

- Proceed with general WInSAR ordering as budget allows
- Supersite support
- Unify search for GeoEarthScope and WInSAR holdings
  - Complete the merge of metadata in the database
  - Complete related search interface enhancements
- Website Improvements
  - Merge order request and search/download interface

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**“Getting Started Accessing SAR Data from UNAVCO”  
at the UNAVCO Booth:**

**Thursday 2-3 pm**