

Tutorial on SAR, InSAR, PSInSAR

SARPROZ

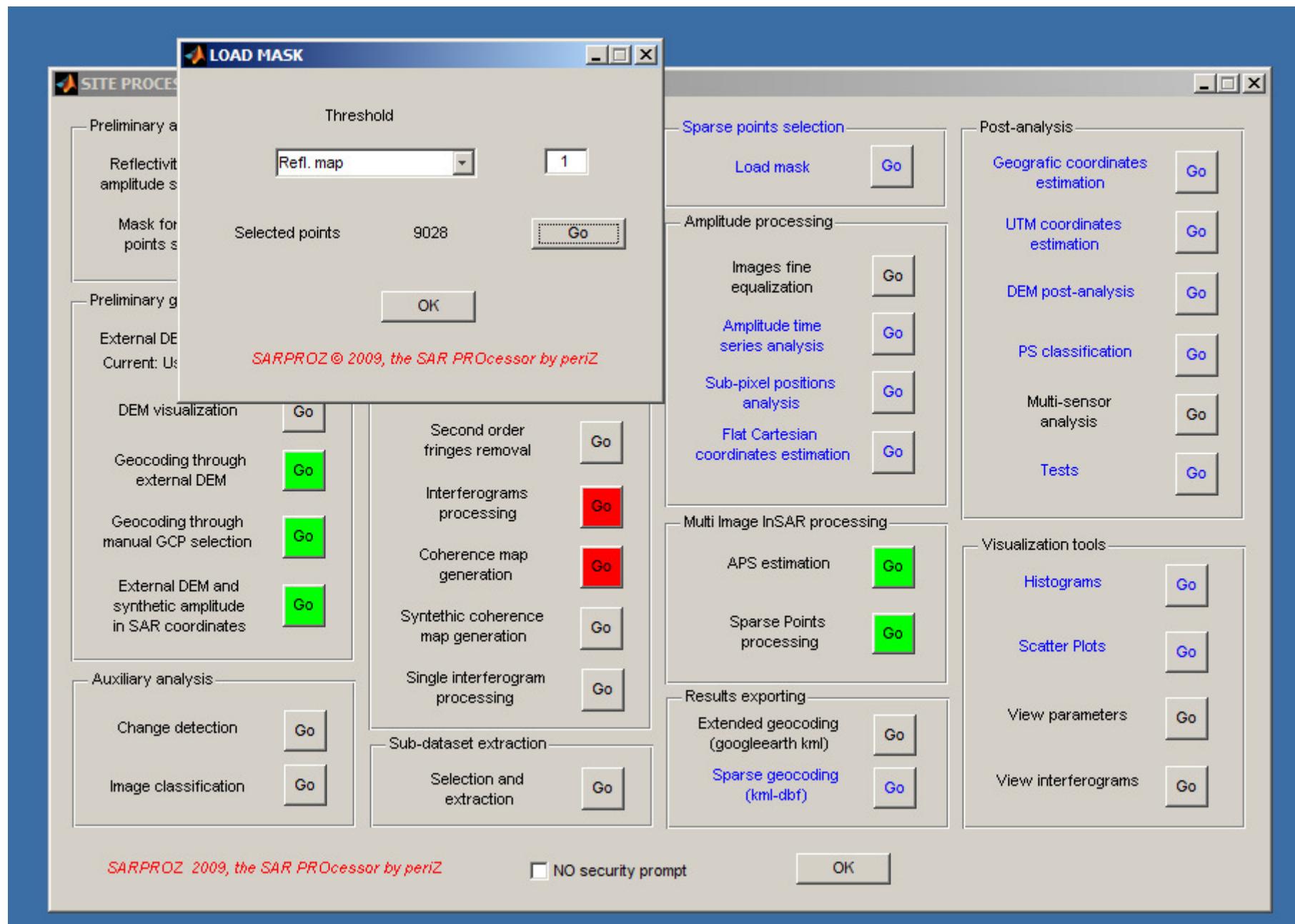
The **SAR** processing tool by **PeriZ**

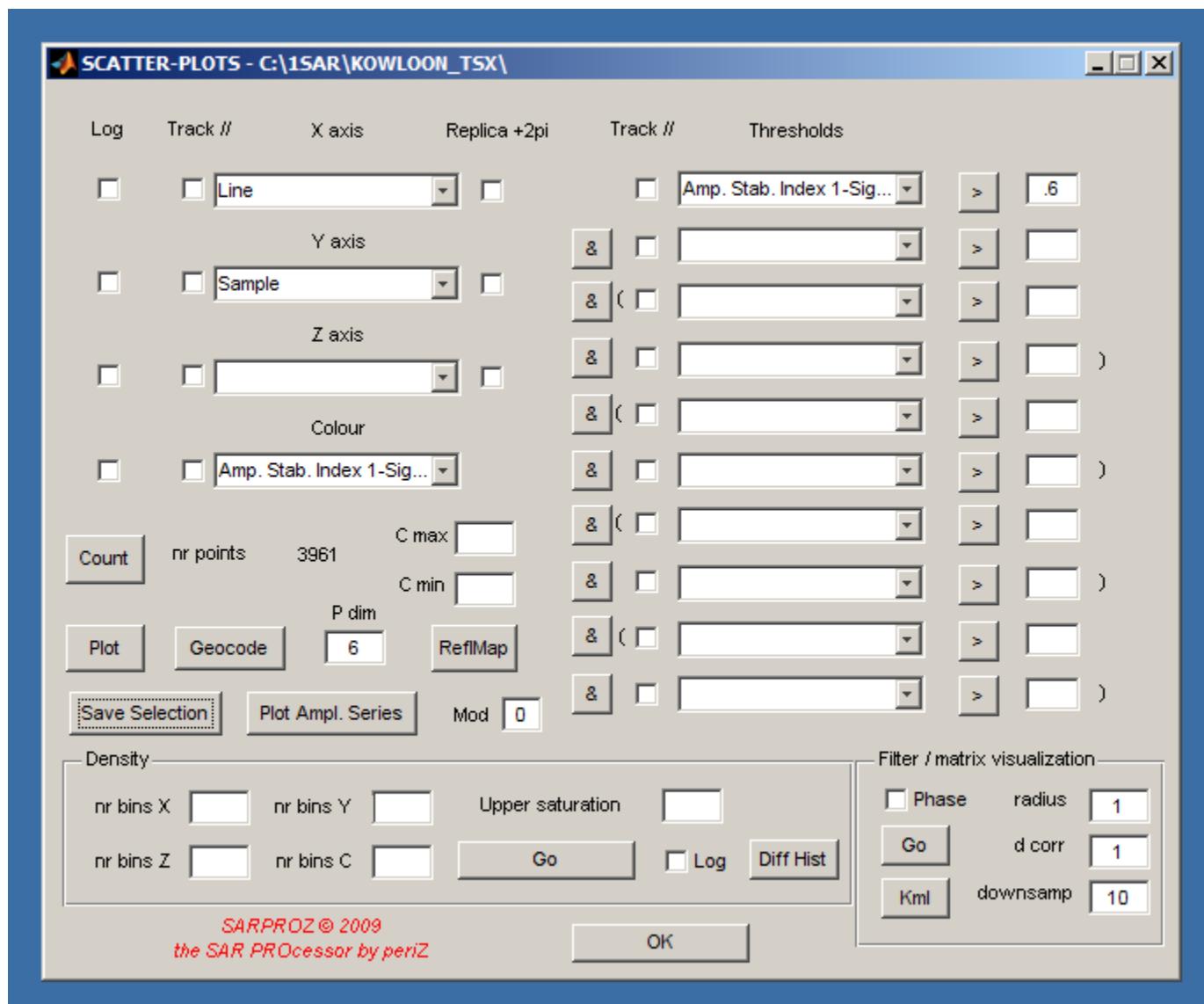
http://ihome.cuhk.edu.hk/~b122066/index_files/download.htm

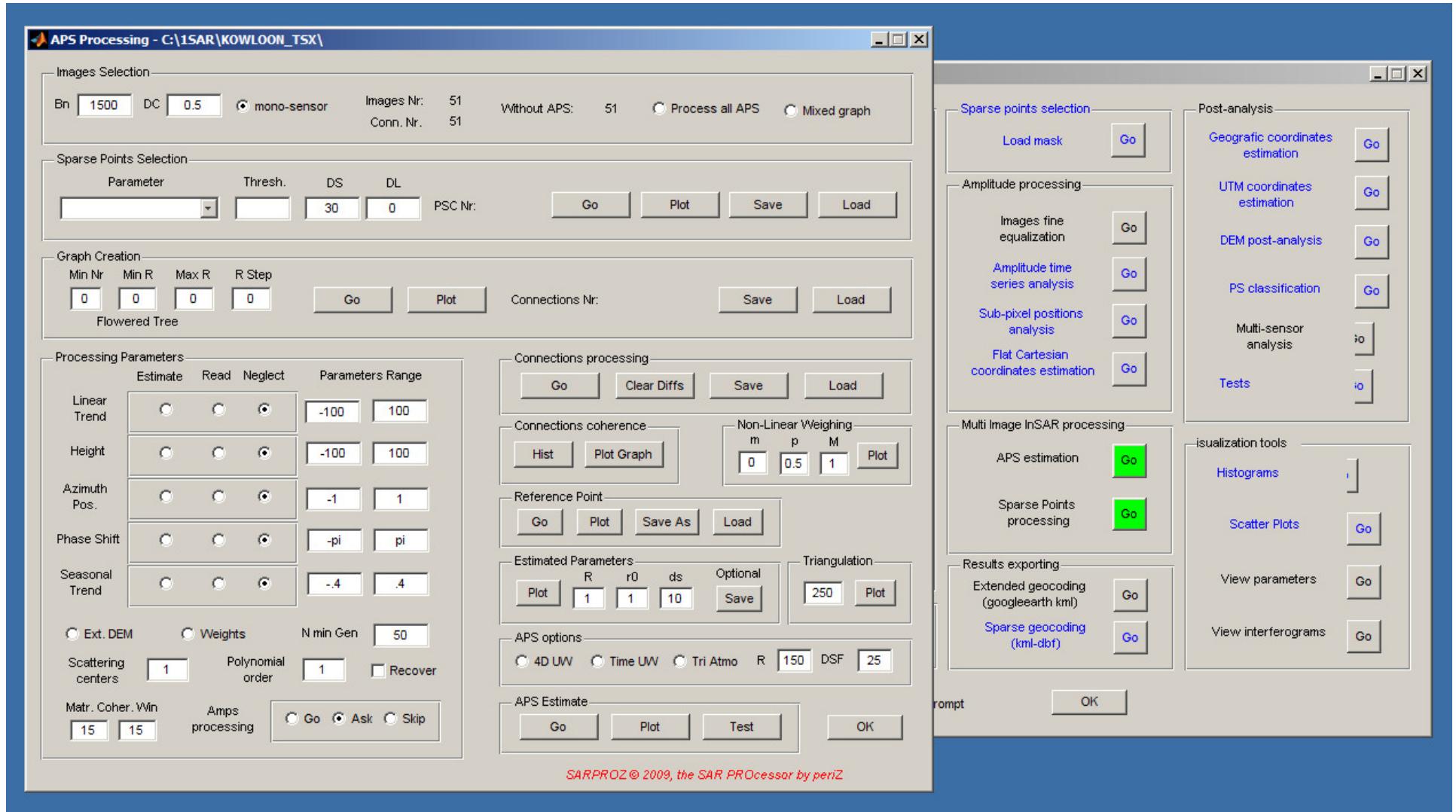
Part VI

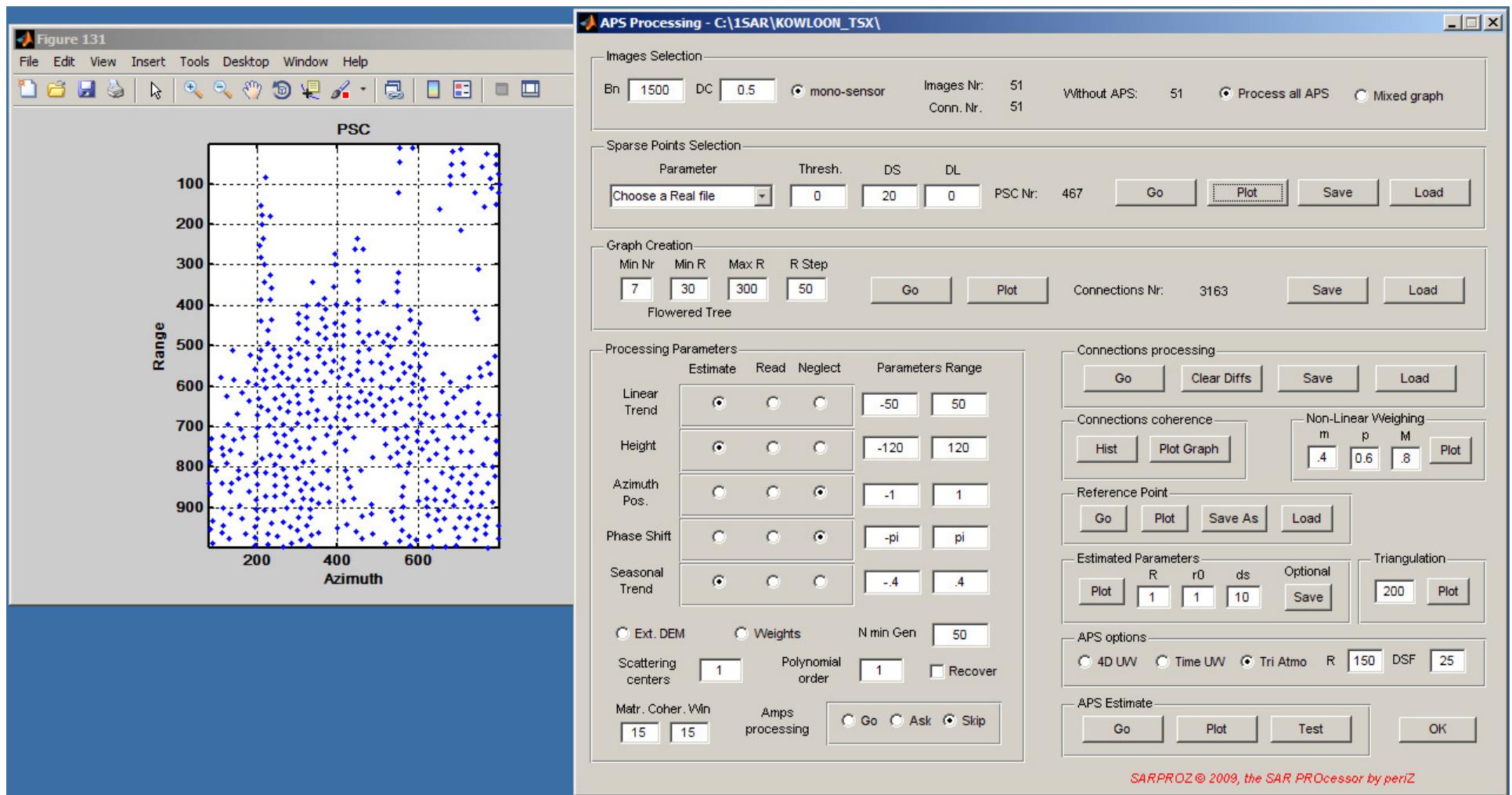
Petronas University of Technology UTP

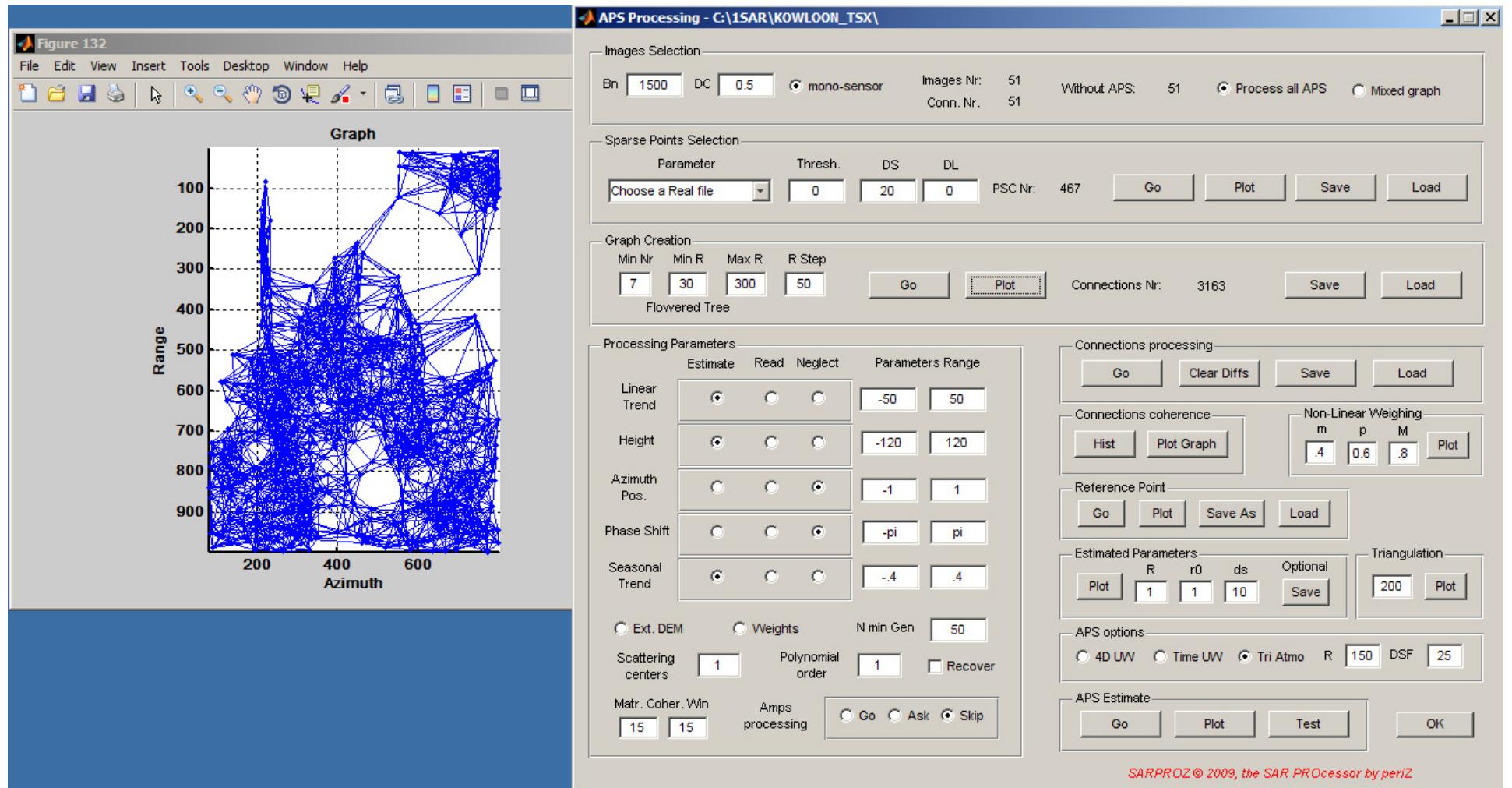
PS analysis











APS Processing - C:\1SAR\KOWLOON_TSX

Images Selection

Bn	1500	DC	0.5	<input checked="" type="radio"/> mono-sensor	Images Nr:	51	Without APS:	51	<input checked="" type="radio"/> Process all APS	<input type="radio"/> Mixed graph
				Conn. Nr.	51					

Sparse Points Selection

Parameter	Thresh.	DS	DL	Choose a Real file	0	20	0	PSC Nr:	467	Go	Plot	Save	Load
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Graph Creation

Min Nr	Min R	Max R	R Step	7	30	300	50	Go	Plot	Connections Nr:	3163	Save	Load
Flowered Tree													

Processing Parameters

Linear Trend	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	-50	50	Parameters Range	
Height	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	-120	120		
Azimuth Pos.	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	-1	1		
Phase Shift	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	-pi	pi		
Seasonal Trend	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	-.4	.4		
<input type="radio"/> Ext. DEM <input type="radio"/> Weights				N min Gen	50		
Scattering centers	1	Polynomial order		1	<input type="checkbox"/> Recover		
Matr. Coher. Win	15	15	Amps processing		<input type="radio"/> Go <input type="radio"/> Ask <input checked="" type="radio"/> Skip		

Connections processing

Go	Clear Diffs	Save	Load
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Connections coherence

Hist	Plot Graph
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Non-Linear Weighing

m	p	M	.4	0.6	.8	Plot
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Reference Point

Go	Plot	Save As	Load
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Estimated Parameters

Plot	R	r0	ds	Optional	Save
	1	1	10		200

Triangulation

Plot	200
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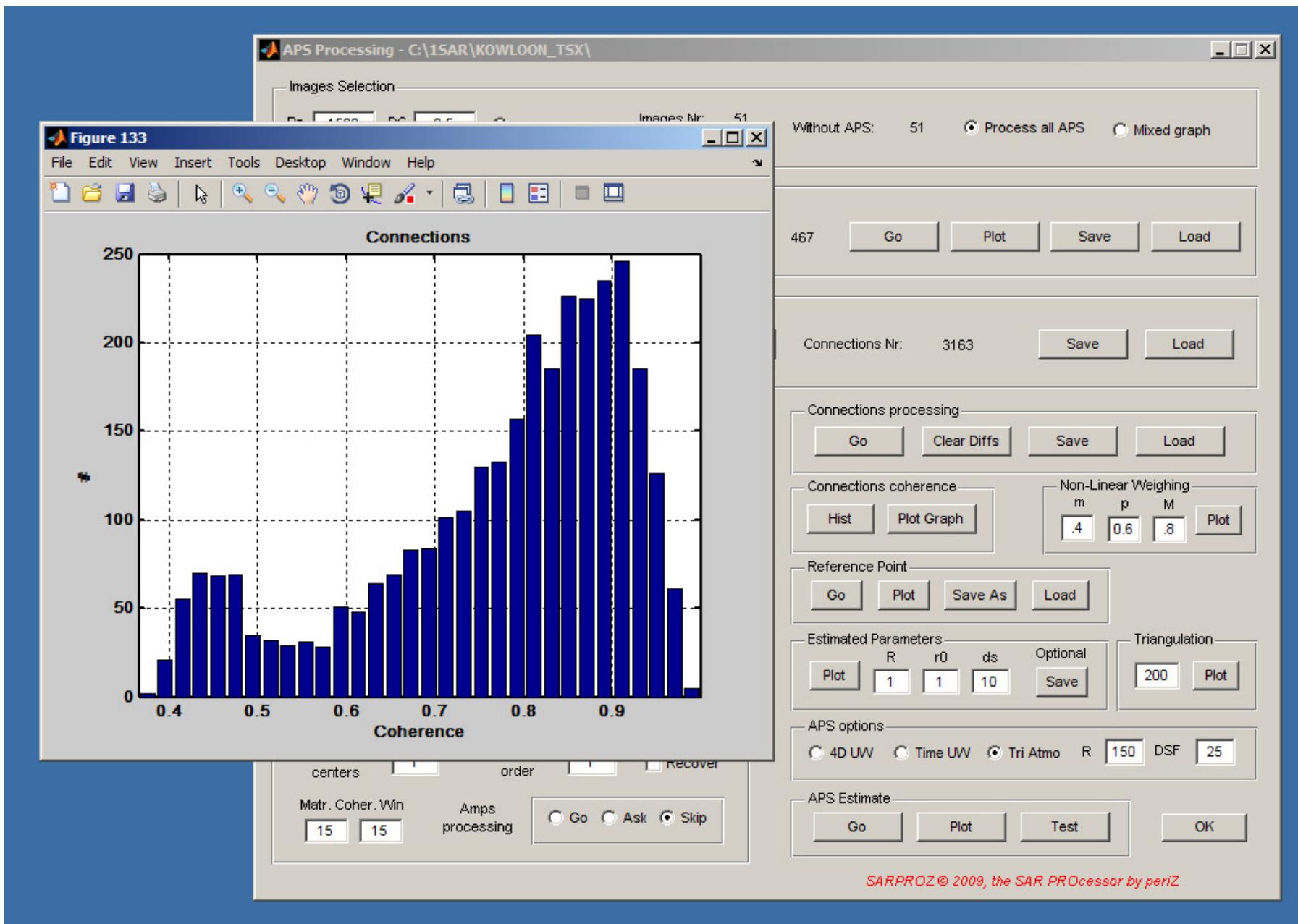
APS options

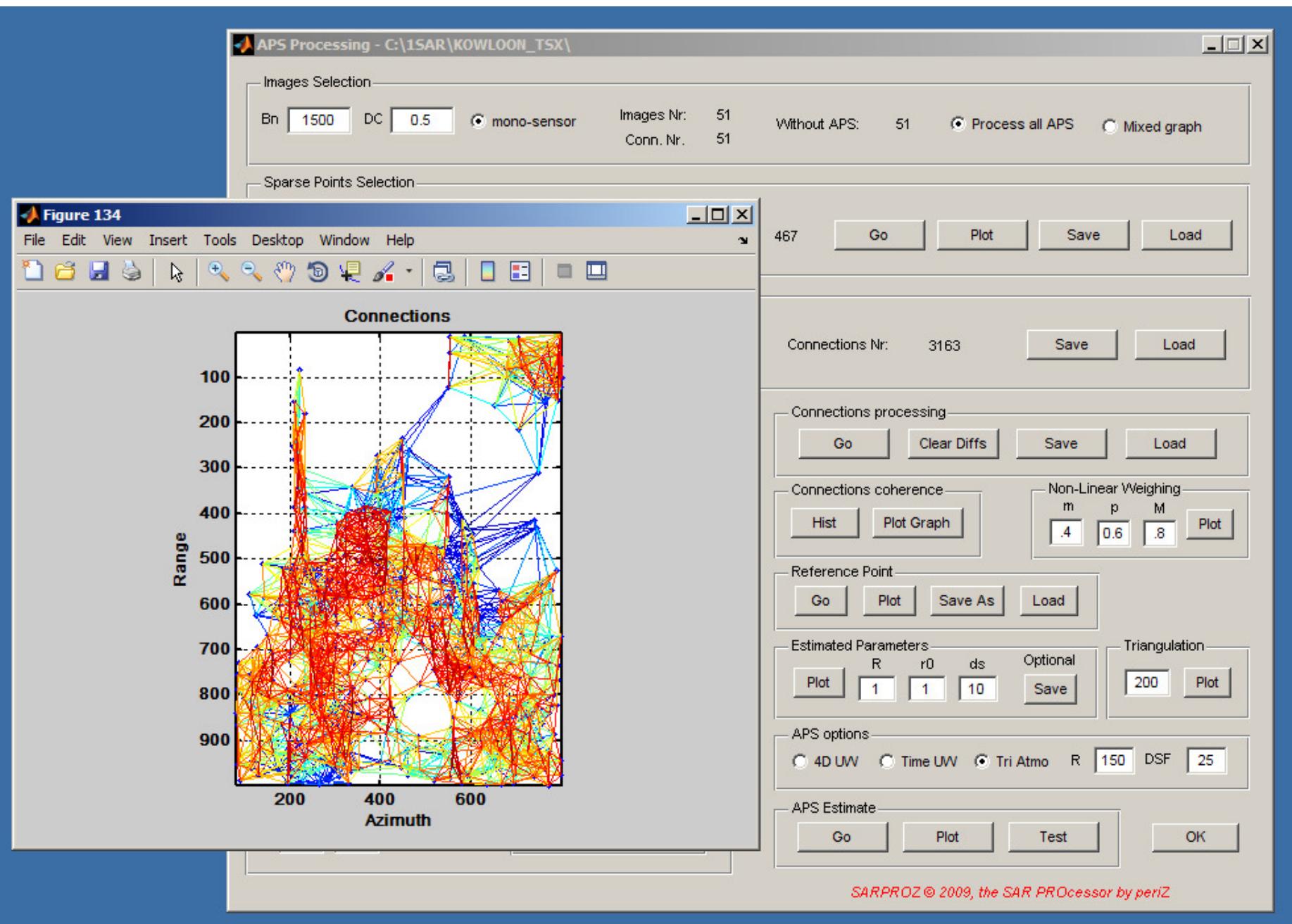
<input type="radio"/> 4D UW	<input type="radio"/> Time UW	<input checked="" type="radio"/> Tri Atmo	R	150	DSF	25
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APS Estimate

Go	Plot	Test	OK
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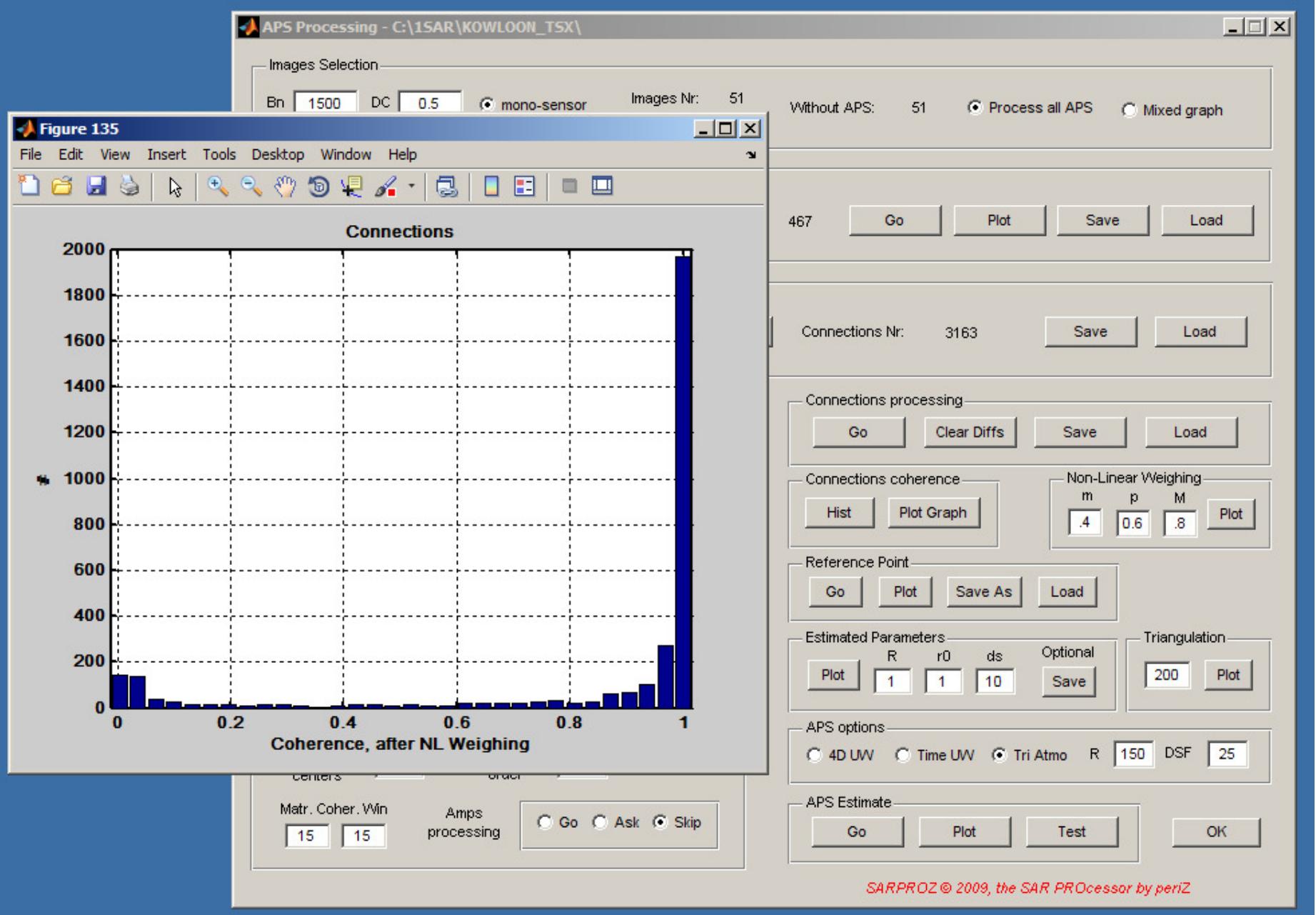
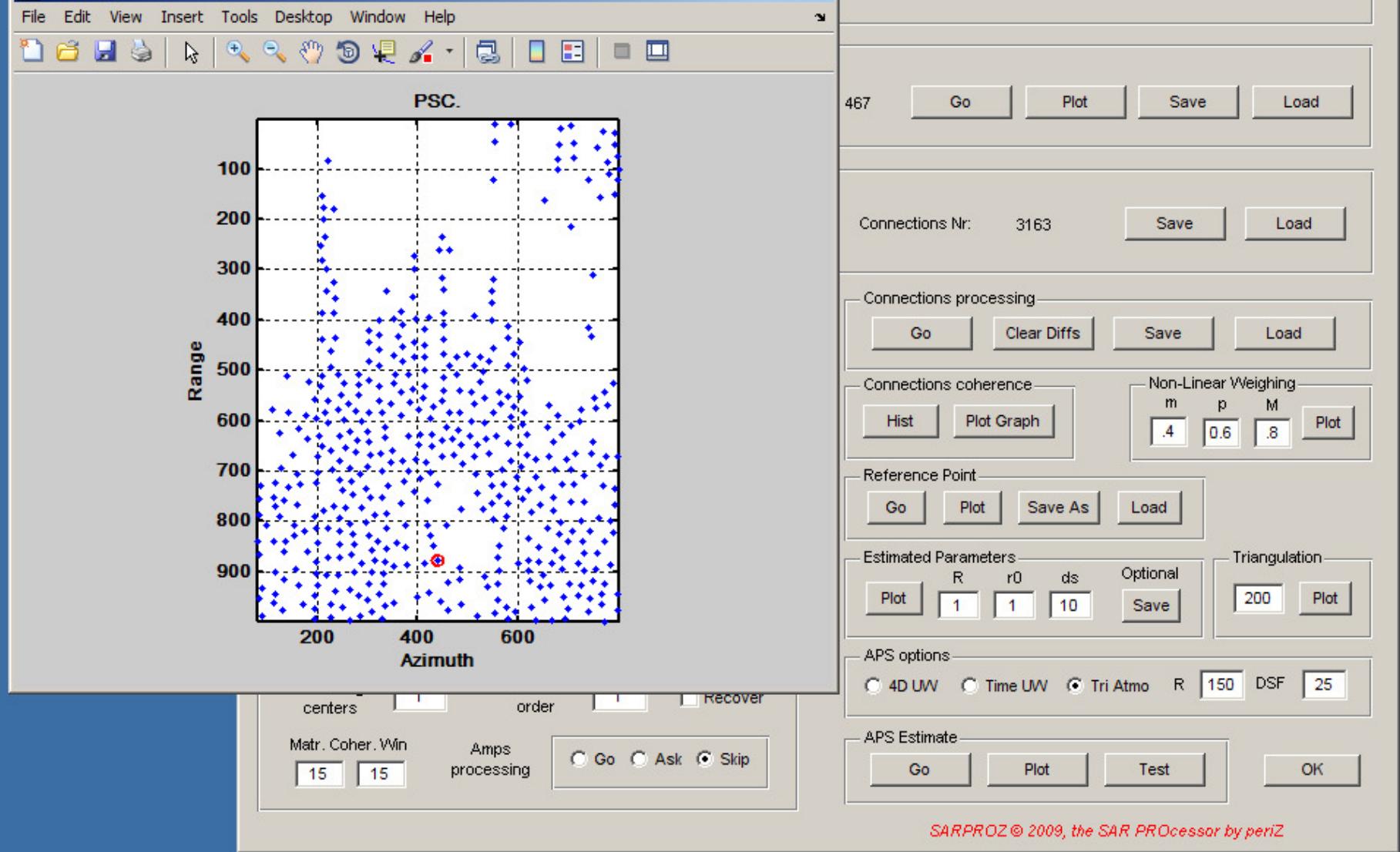
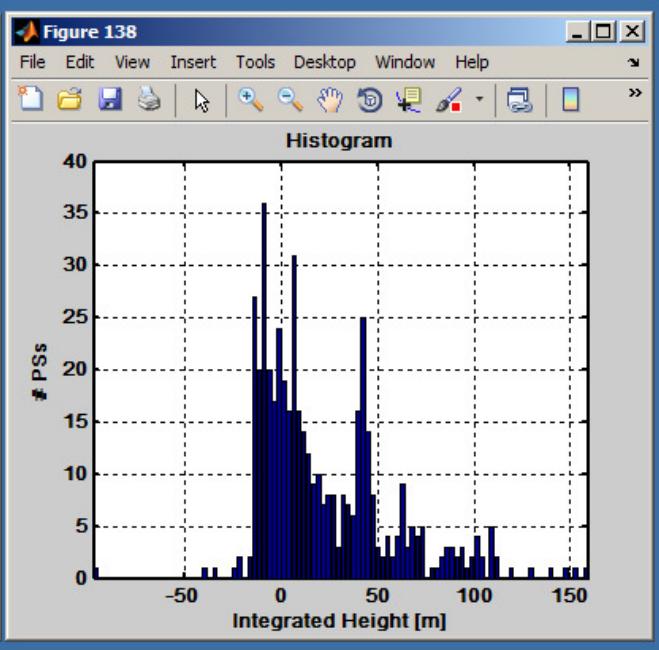
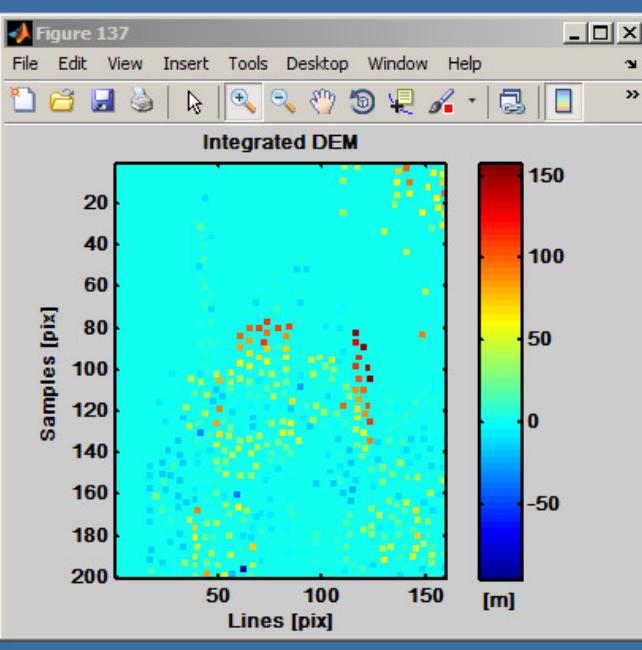
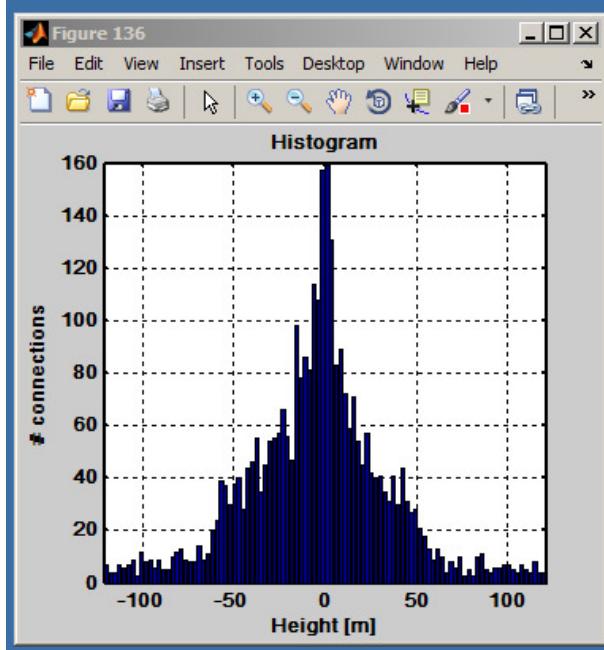
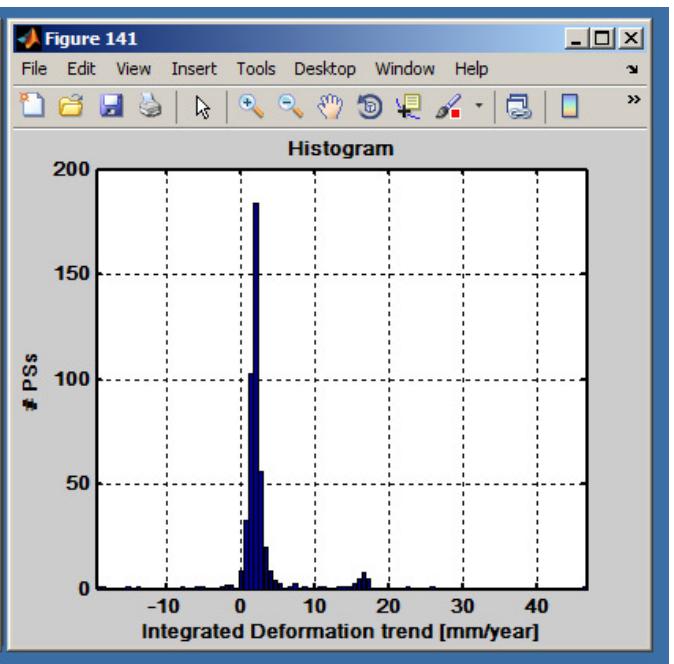
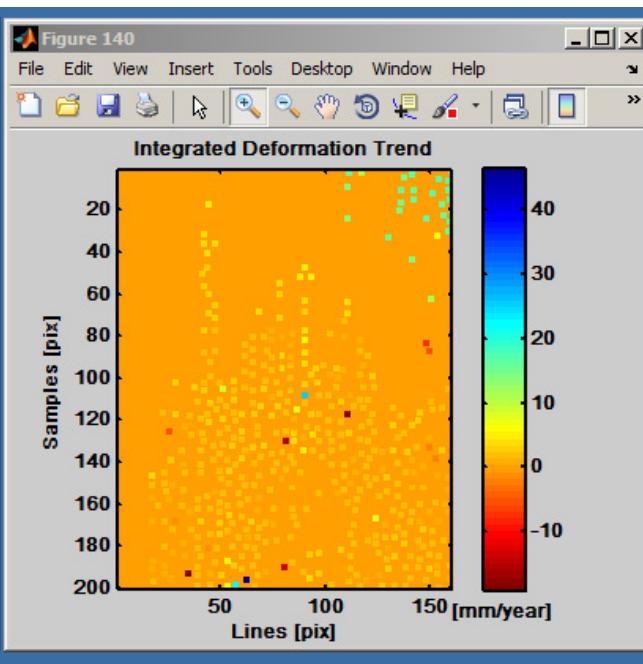
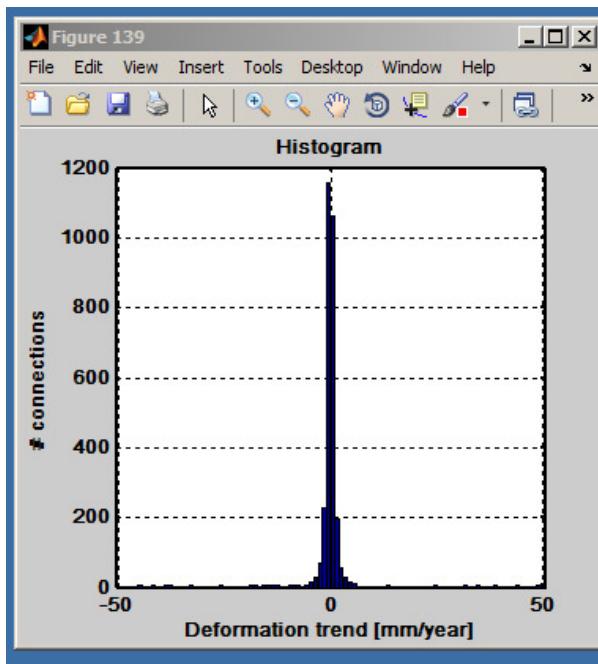
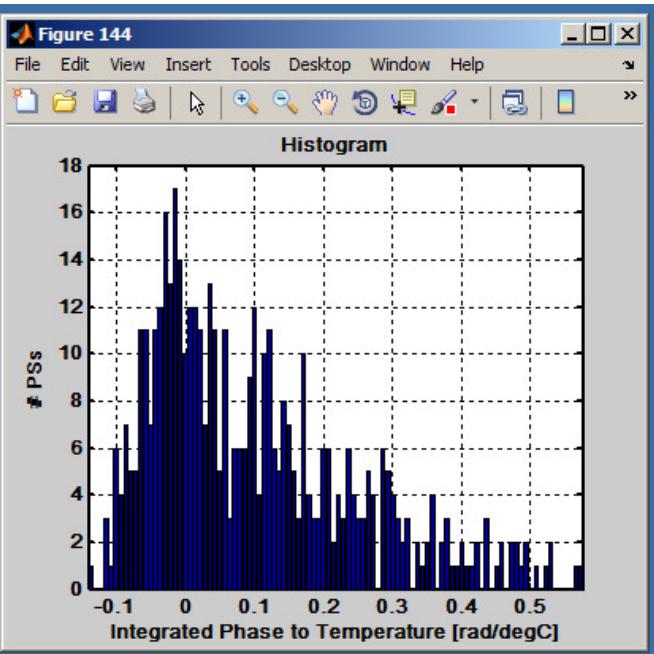
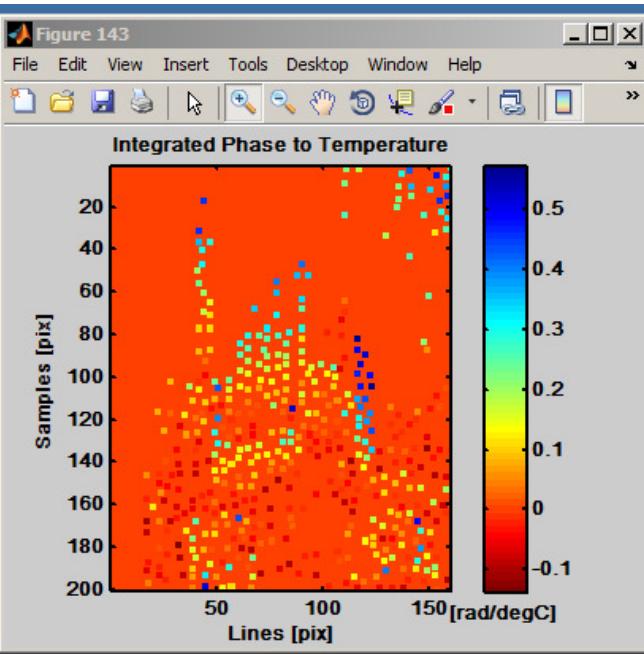
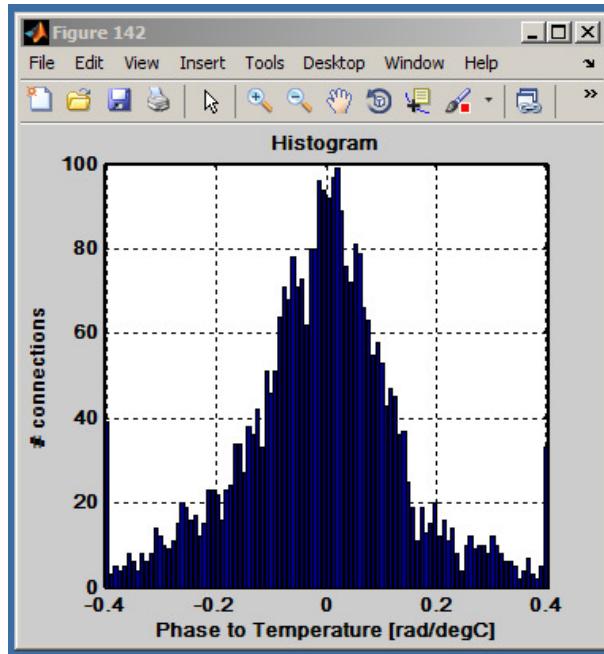


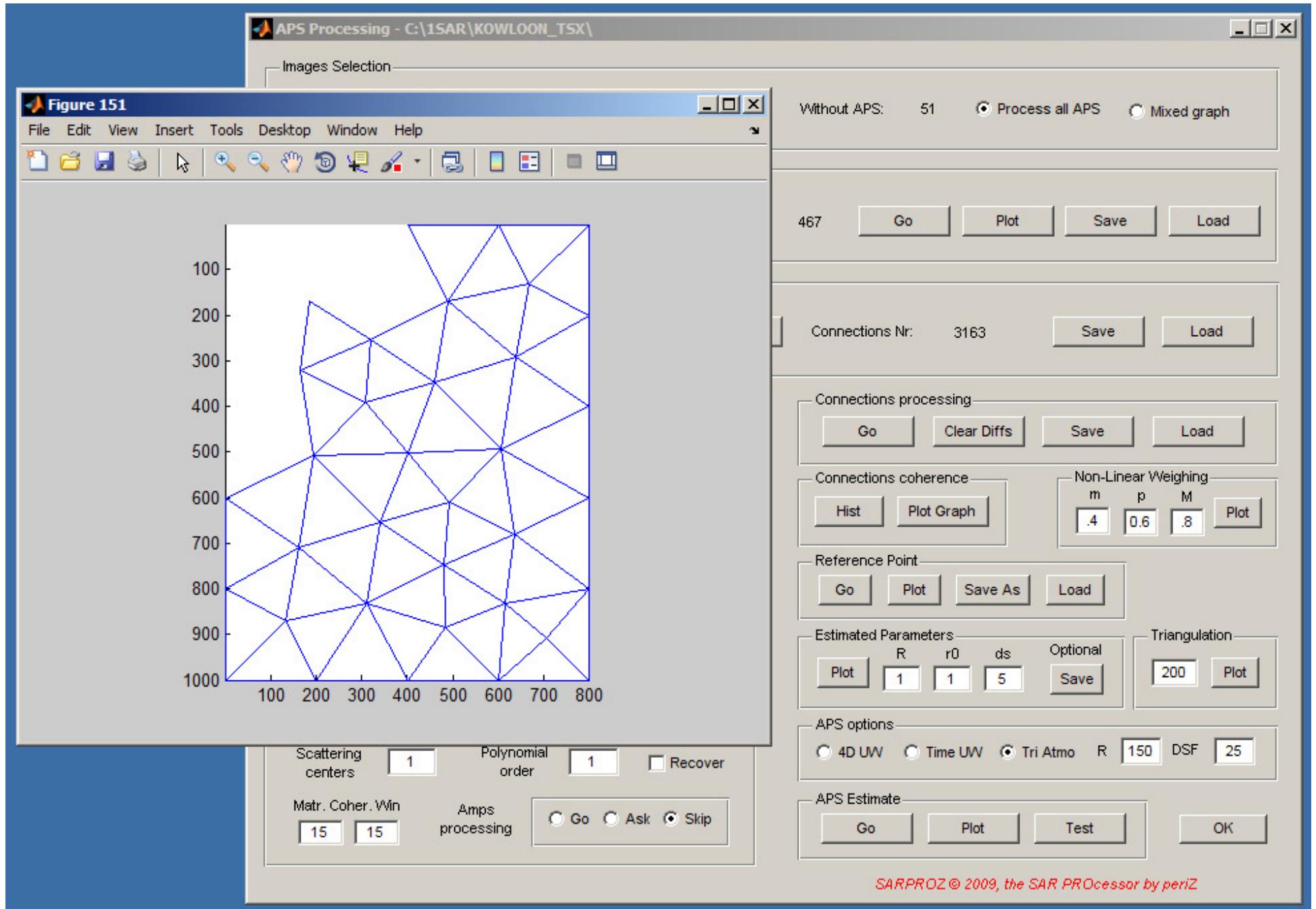
Figure 131

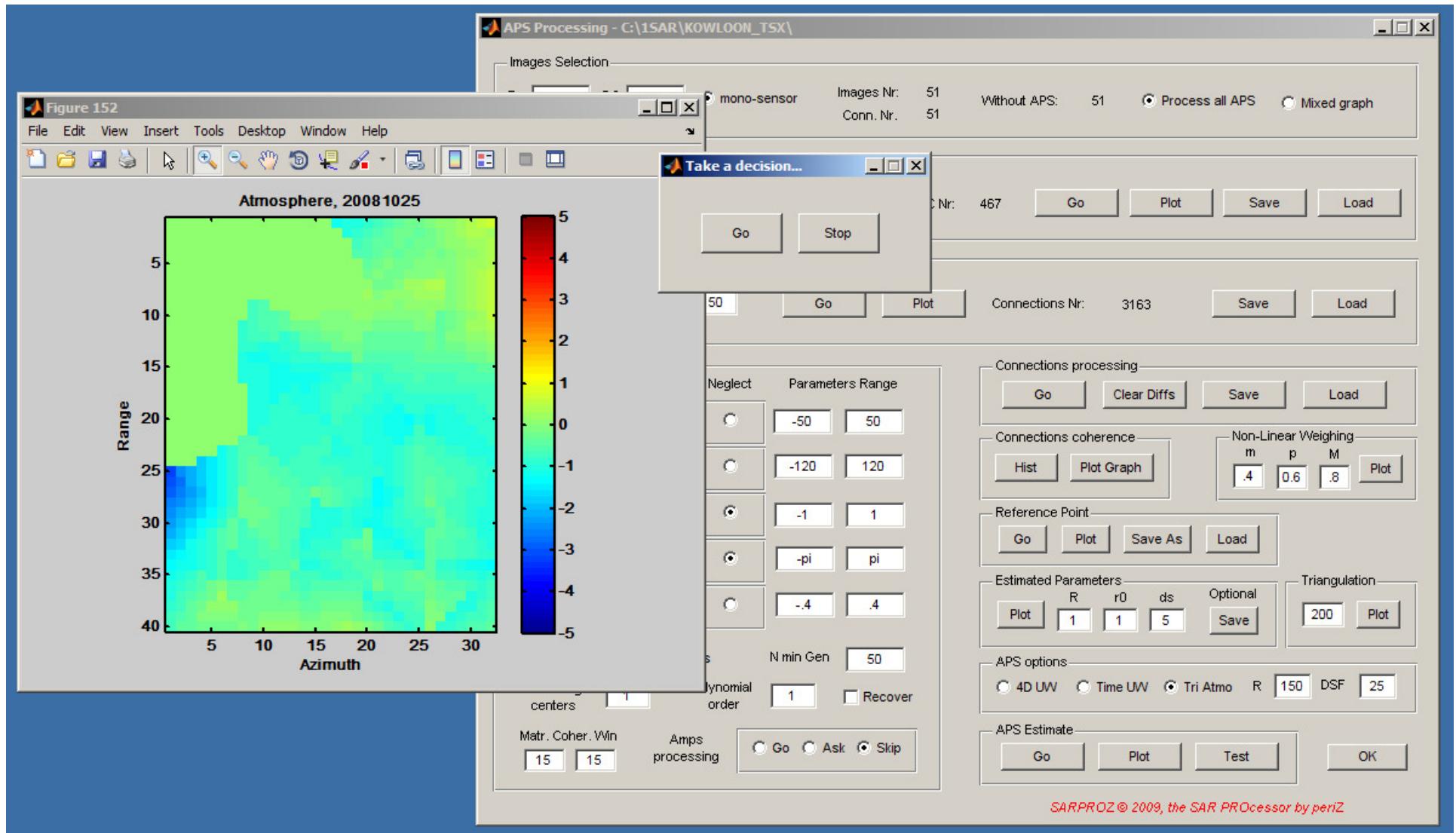


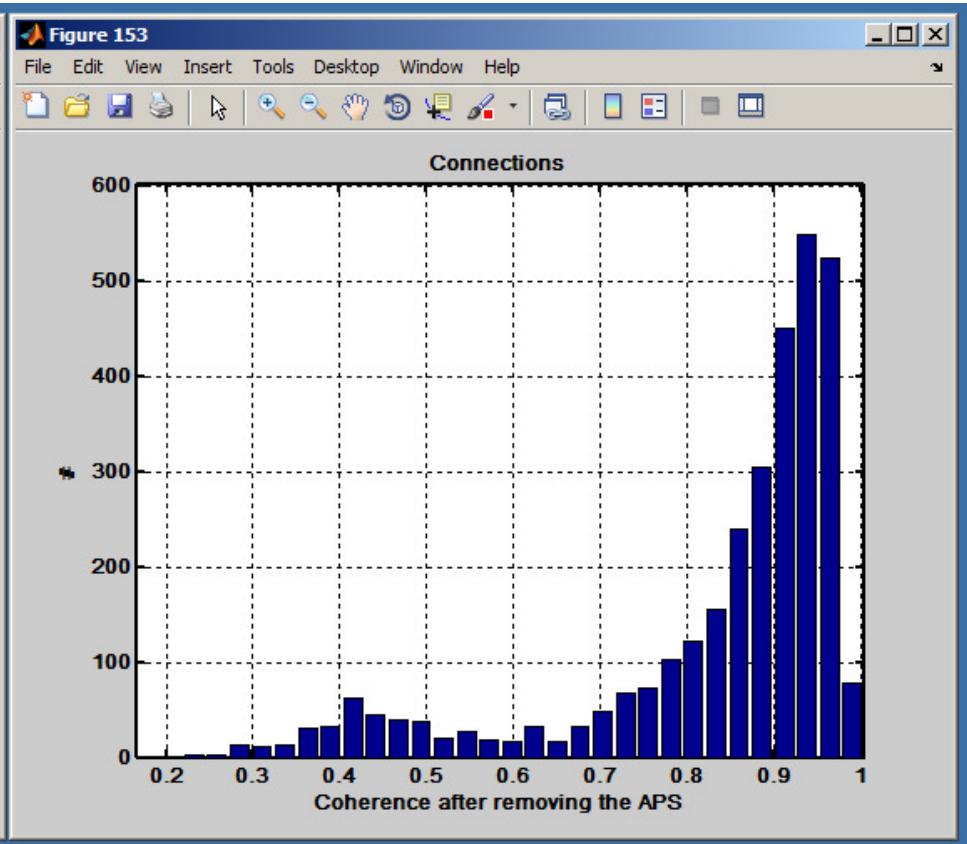
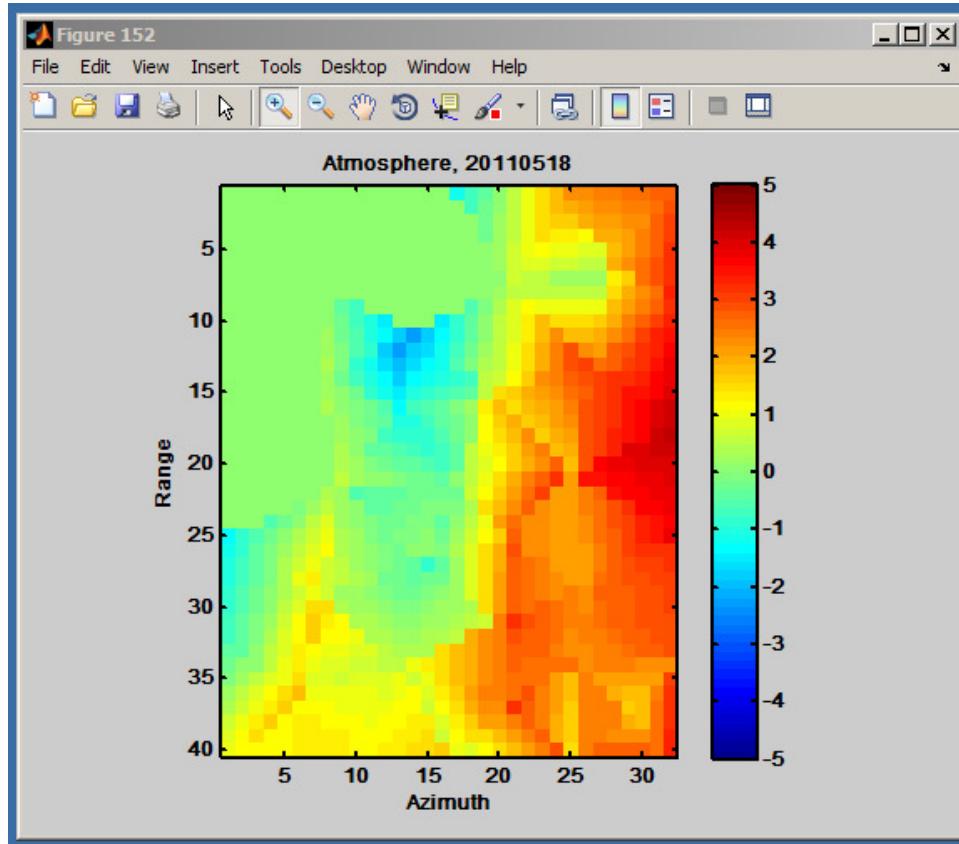


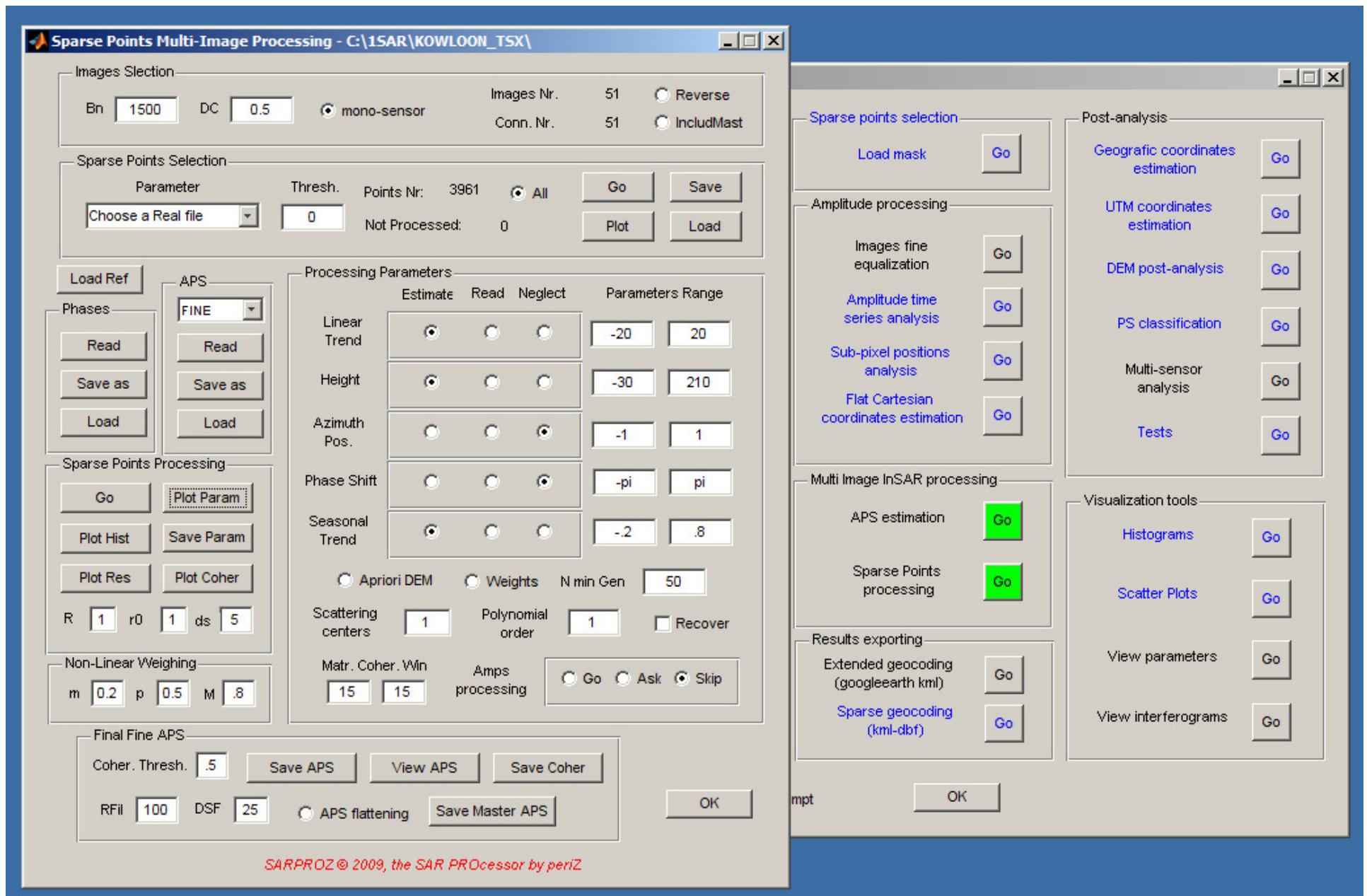












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