

Figure 1: 1D resistivity models in Europe



Table 1: EURISGIC 1D models

layer	$\rho[\Omega\text{m}]$	d[km]	$\rho[\Omega\text{m}]$	d[km]
Model 1			Model 2	
1	40.00	0.40	20.00	0.10
2	3.00	1.30	170.00	4.00
3	2000.00	140.00	65.00	11.90
4	118.00	170.00	17.00	50.00
5	15.00		0.20	
Model 3			Model 4	
1	5.00	3.00	6.00	0.17
2	1000.00	57.00	23.00	2.00
3	10.00		3000.00	125.00
4			310.00	240.00
5			40.00	
Model 5			Model 6	
1	10000.00	10.00	10.00	20.00
2	1.00	3.00	10000.00	280.00
3	1000.00	287.00	50.00	
4	50.00			
Model 7			Model 8	
1	5.00	4.00	5.00	10.00
2	700.00	26.00	1000.00	30.00
3	10.00	10.00	10.00	15.00
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layer	$\rho[\Omega\text{m}]$	d[km]	$\rho[\Omega\text{m}]$	d[km]
4	5000.00	40.00	450.00	115.00
5	10.00		20.00	

Model 9

Model 10

1	30.00	8.00	3.00	3.00
2	80.00	17.00	30.00	12.00
3	1000.00	15.00	400.00	12.00
4	180.00		1000.00	3.00
5			100.00	

Model 11

Model 12

1	200.00	5.00	1.00	4.00
2	0.50	1.00	200.00	4.00
3	1000.00	100.00	0.50	1.50
4	10.00		200.00	2.00
5			1000.00	100.00
6			10.00	

Model 13

Model 14

1	1.00	4.00	1.00	2.00
2	200.00	4.00	200.00	10.00
3	0.50	1.50	0.50	1.00
4	200.00	2.00	1000.00	100.00
5	1000.00	100.00	10.00	
6	10.00			

Model 15

Model 16

1	1.00	4.00	1500.00	20.00
2	200.00	4.00	500.00	20.00
3	0.50	1.50	800.00	110.00
4	200.00	2.00	10.00	
5	1000.00	100.00		
6	10.00			



Model 17			Model 18	
1	2000.00	100.00	100.00	15.00
2	25.00		1.00	10.00
3			1000.00	120.00
4			10.00	
Model 19			Model 20	
1	10000.00	10.00	1000.00	20.00
2	5000.00	10.00	200.00	
3	2000.00	10.00		
4	200.00			
Model 21			Model 22	
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layer	$\rho[\Omega\text{m}]$	d[km]	$\rho[\Omega\text{m}]$	d[km]
1	100.00	10.00	500.00	10.00
2	150.00	10.00	2000.00	10.00
3	250.00	10.00	500.00	10.00
4	200.00		200.00	
Model 23			Model 24	
1	1000.00	20.00	5000.00	200.00
2	5000.00	10.00	200.00	
3	200.00			
Model 25			Model 26	
1	5000.00	30.00	5000.00	30.00
2	20.00		200.00	
Model 27			Model 28	
1	1000.00	50.00	1000.00	5.00
2	100.00		10.00	10.00
3			400.00	25.00
4			10.00	
Model 29			Model 30	
1	2000.00	8.00	2000.00	5.00
2	100.00	2.00	100.00	5.00
3	3000.00	70.00	5.00	10.00
4	100.00		200.00	
Model 31			Model 32	
1	47.00	6.00	10.00	0.30
2	500.00	344.00	500.00	9.70
3	0.10		100.00	



Model 33		Model 34		
1	125.00	3.00	60.00	0.10
2	16.00	27.00	2000.00	1.60
3	150.00		25.00	3.00
4			10000.00	
Model 35		Model 36		
1	40.00	2.00	70.00	1.00
2	30.00	3.00	10000.00	39.00
3	1000.00	150.00	100.00	
4	20.00			
Model 37		Model 38		
1	10.00	0.80	10.00	0.70
2	1500.00	6.00	10000.00	95.00
3	70000.00	8.00	5.00	
4	10000.00	55.00		
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layer	$\rho[\Omega\text{m}]$	d[km]	$\rho[\Omega\text{m}]$	d[km]
5	80.00			

Model 39		Model 40		
1	1000.00	55.00	50.00	1.40
2	300.00	45.00	1000.00	10.00
3	1000.00		5000.00	300.00
4			50.00	

Model 41		Model 42		
1	15.00	7.00	50.00	10.00
2	1000.00	300.00	10.00	10.00
3	40.00		2000.00	40.00
4			500.00	110.00
5			100.00	

Model 43		Model 44		
1	2000.00	130.00	70.00	50.00
2	500.00	40.00	2500.00	150.00
3	100.00	80.00	50.00	
4	30.00			

Model 45		Model 46		
1	5.00	6.00	12.00	2.00
2	1000.00	105.00	40.00	6.00
3	100.00	300.00	12.00	8.00
4	10.00		400.00	7.00
5			300.00	15.00
6			10.00	

Model 47		Model 48		
1	1.00	2.00	10.00	5.00
2	5000.00	6.00	30.00	7.00
3	1.00	4.00	100.00	190.00
4	10.00		20.00	



Model 49			Model 50	
1	500.00	10.00	350.00	0.10
2	300.00	90.00	10000.00	2.90
3	10.00		3000.00	7.00
4			500.00	

Model 51			Model 52	
1	8.00	2.00	10.00	0.20
2	10.00	2.00	1000.00	40.00
3	2.00	3.00	300.00	
4	1000.00			

Model 53			Model 54	
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layer	$\rho[\Omega\text{m}]$	d[km]	$\rho[\Omega\text{m}]$	d[km]
1	5.00	5.00	100.00	10.00
2	1000.00	75.00	1000.00	90.00
3	300.00		4.00	

Model 55			Model 56	
1	110.00	0.90	5.00	1.00
2	30.00	1.10	1000.00	80.00
3	10000.00	150.00	20.00	
4	90.00			

Model 57			Model 58	
1	5.00	2.00	5.00	10.00
2	1000.00	200.00	2000.00	110.00
3	20.00		10.00	



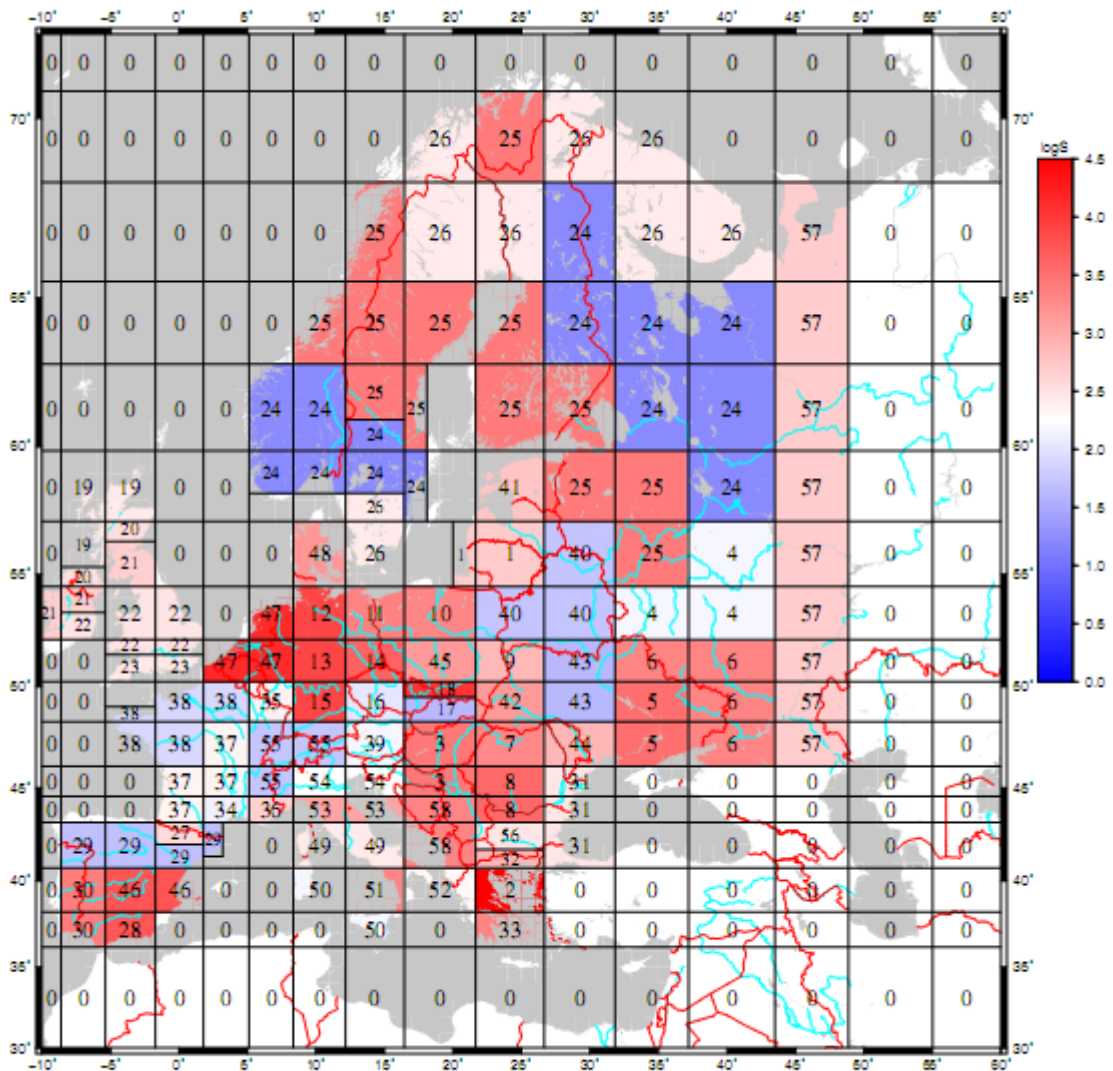


Figure 2: Conductance map of Europe, upper 80 km

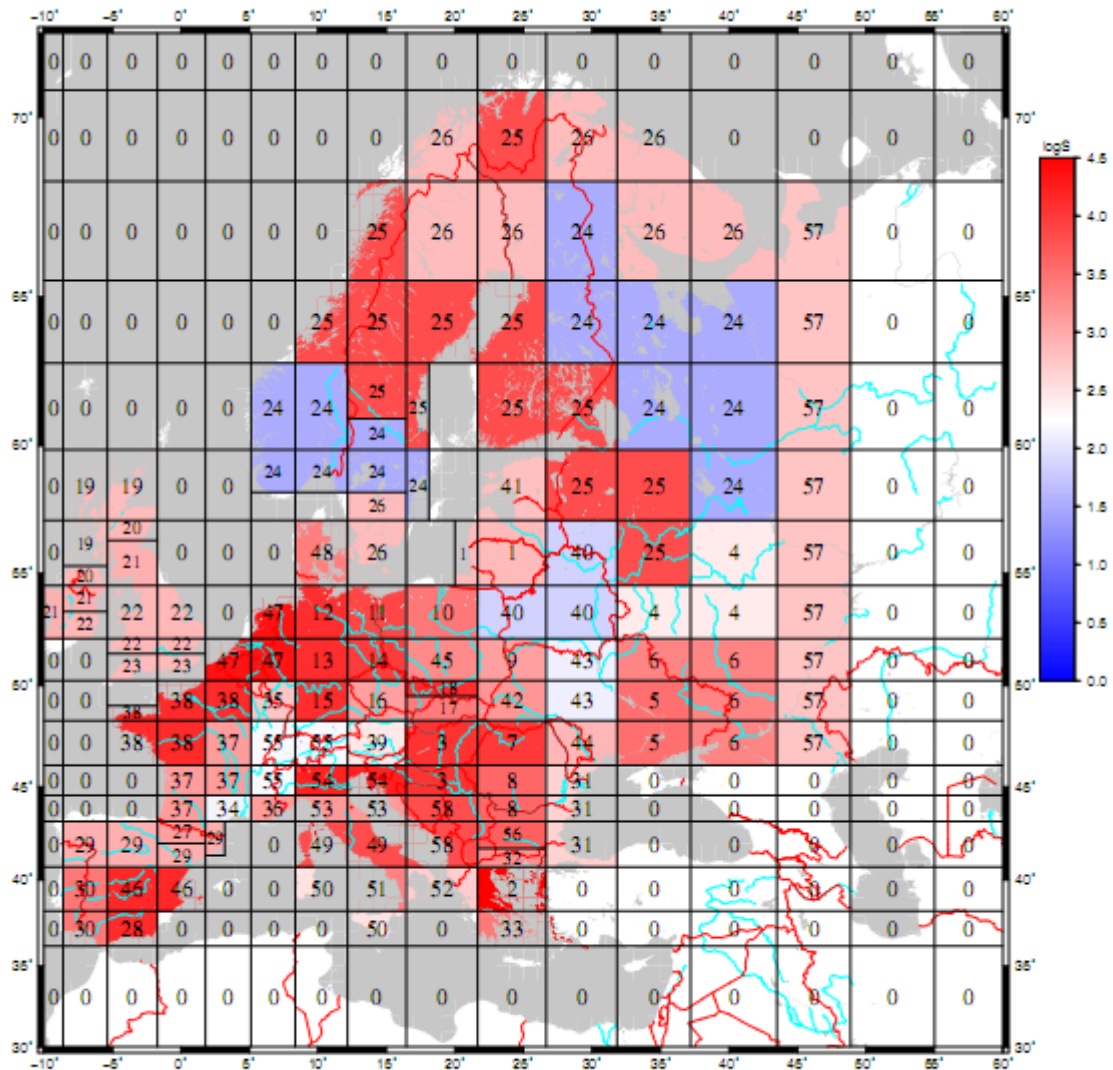


Figure 3: Conductance map of Europe, upper 160 km