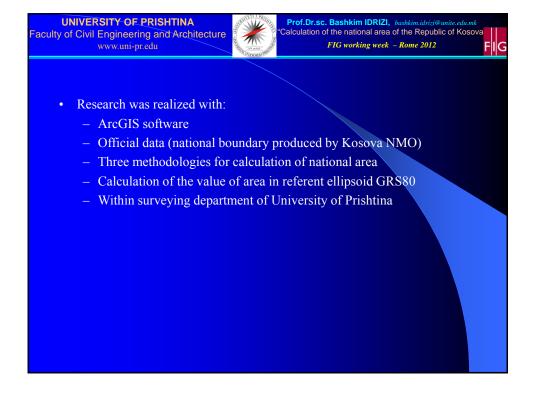
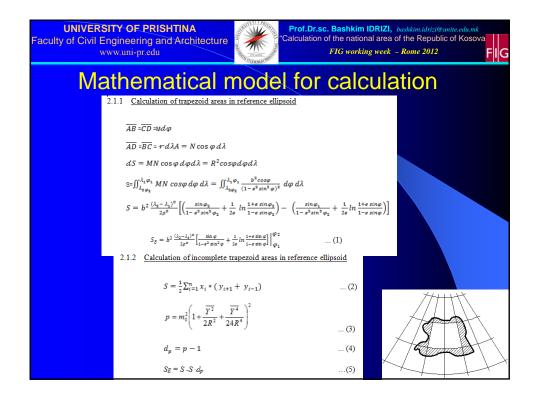
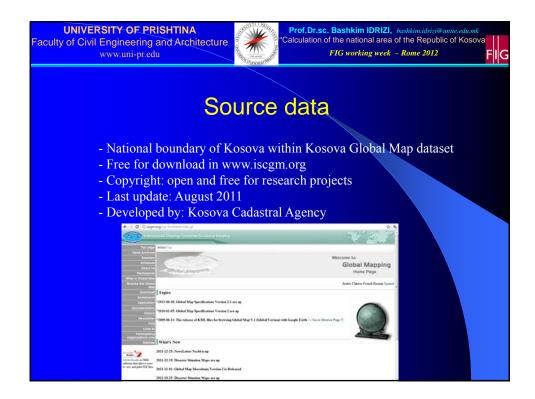
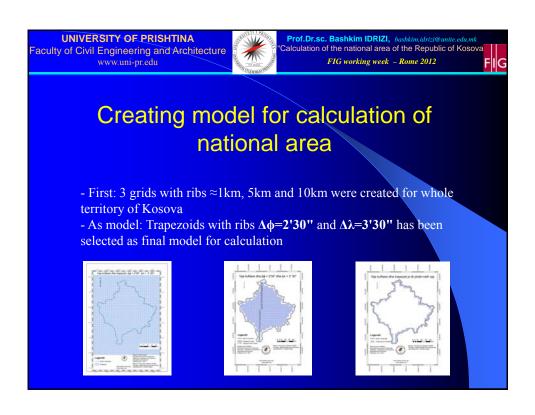


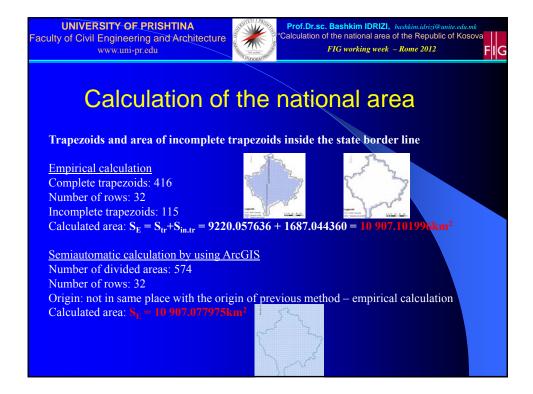
UNIVERSITY OF PRISHTINA Faculty of Civil Engineering and Architecture www.uni-pr.edu	"Calculation of the na	tim IDRIZI, bashkim.idrizi@unite.edu.mk titional area of the Republic of Kosova rking week - Rome 2012	
Preface			
Area calculation methodology in Kosova:			
<ul> <li>Calculation of areas in flat area (map projection), even in a case of national area</li> </ul>			
• Area of Kosova in flat area (Kosovaref01): 10905km <sup>2</sup>			
Parameters of Kosovaref01:			
Datum	ETRS89		
Ellipsoid	GRS80		
Map projection	Gaus-Kryger		
Prime meridian	Greenwich		
Central meridian	21°E		
Scale factor	0.9999		
False easting	7500000m		
Prime parallel	Equator		
False northing	0m		
Origin of heights	Trieste - Molo Sartorio		

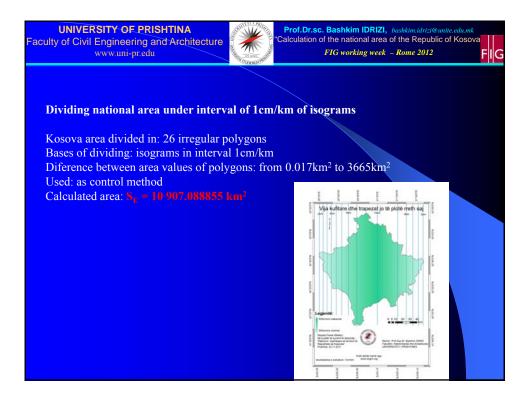














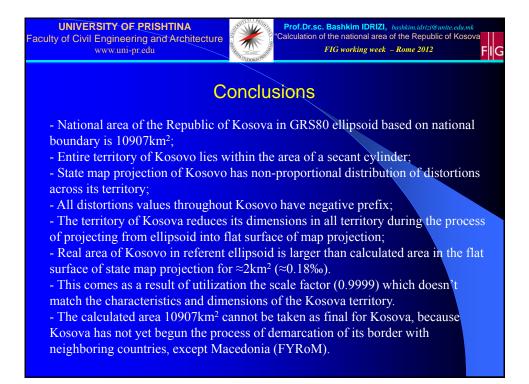
Prof.Dr.sc. Bashkim IDRIZI, bashkim.idrizi@unite.edu.mk "Calculation of the national area of the Republic of Kosova FIG working week – Rome 2012

FIG

## National area of the Republic of Kosova

Method	Value of national area
Empirical calculation	10 907.101996km <sup>2</sup>
Semiautomatic calculation by using ArcGIS	10 907.077975km <sup>2</sup>
Dividing national area under interval of 1cm/km of isograms	10 907.088855 km <sup>2</sup>

## $S_{\rm E} = 10 \ 907 \ \rm km^2$





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