

Erasmus+ Ka2 Capacity Building in the field of Higher Education GEOBIZ project
2nd Summer school + 11th PMB meeting +
4th PAC meeting + 7th Progress meeting
Dubrovnik (CRO), September 13th – 17th, 2021

Monday, Sept. 13 th		Session / content	
		<i>Big hall</i>	<i>Small hall</i>
Location: University of Zagreb Centre for Advanced Academic Studies, Don Frane Bulića 4, Dubrovnik			
09:00 - 10:00 S1	Welcome addresses & Introduction – Chair Iva Cibilić <ul style="list-style-type: none"> University of Zagreb – Frano Hartman, <i>CAAS Director</i> Faculty of Geodesy – Almin Đapo, <i>Dean</i> GEOBIZ Project – Željko Bačić, <i>Project coordinator</i> Summer school technical instructions – Iva Cibilić, <i>organizer</i> 		
Coffee break 10:00-10:30			
10:30 - 13:00 S2	WP2 – Project curriculum cases – Chair Murat Meha <ul style="list-style-type: none"> CD20 - Geodata for Civil Engineering and Architecture Designing – Mirza Ponjavić and Almir Karabegović, GAUSS CD11 – Digitalization of paper urban planning maps – xxxxxx xxxxxxxx, UNS CD22 - Vectorization of 3D models of objects based on point clouds – Mladen Amović, UNBL CD03 - Utility and Government Services – Mirza Ponjavić and Aleksandra Ćosić, GAUSS CD21 - UAV in urban planning and management – Nenad Brodić, UB CD08 - Development of an application for applying GNSS in agriculture – Zvonimir Nevistić, UNIZG 		
Lunch break 13:00-14:00			
14.00 - 15.30 S3	WP2 – Project curriculum cases – Chair Dilan Vitalie <ul style="list-style-type: none"> CD05 - Geovizualization in Spatial Epidemiology – Almir Karabegović and Elvir Ferhatbegović, GAUSS CD18 - Application of remote sensing data in mapping and monitoring forest – xxxxxx xxxxxxxx, UNS CD02/CD24 – Statistical Surveys I & II – J.Kovačević, N.Stančić and N.Brodić, UB CD09 - Noise mapping using mobile devices - I.Cibilić and V.Poslončec-Petrić 		11th Project Management Board meeting (Separate agenda) <i>Chair Željko Bačić</i>

16.00 - 17.00 S4	WP2 – Project curriculum cases - Chair Sonila Papathimiou <ul style="list-style-type: none"> • CD05 - Registers of Spatial Units and Addresses – Mirza Ponjavić and Almir Karabegović, GAUSS • CD25 (New) - Indoor Navigation using Earth Magnetic Field – Zvonimir Nevistić, UNIZG 	11th Project Management Board meeting <i>Chair Željko Bačić</i>
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Tuesday, Sept. 14 th		Session / content	
		Big hall	Small hall
Location: University of Zagreb Centre for Advanced Academic Studies, Don Frane Bulića 4, Dubrovnik			
09:00 - 10:30 S5	WP3 – Localizing cases – group work with mentors – preparing localized cases – (working in groups)		WP3 – Localizing cases – group work with mentors – preparing localized cases – (working in groups)
Coffee break 10:30-11:00			
11:00 - 13:00 S6	WP3 – Localizing cases – group work with mentors – preparing localized cases - (working in groups)		4th Project Advisory Committee meeting (Separate agenda) <i>Chair Slobodanka Ključanin</i>
Lunch break 13:00-14:00			
14.00 - 15.45 S7	WP3 – Localizing cases – group work with mentors – preparing localized cases - (working in groups)		
16.00 - 17.00 S8	WP3 – Localizing cases – group work with mentors – preparing localized cases - (working in groups)		3rd BESTSDI Project Coordination Body meeting (Separate agenda) <i>Chair Suada Sulejmanović</i>
18:00-19:00 Old town Dubrovnik round walk with tourist guide			



Wednesday, Sept. 15 th		Session / content	
		Big hall	Small hall
09:00 - 10:30 S9	WP3 – Localizing cases –presenting localized cases – chair Goran Barović • Polytechnical University Tirana • University of Montenegro • Tiraspol State University • University of Sarajevo		
Coffee break 10:30-11:00			
11:00 - 13:00 S10	WP3 – Localizing cases –presenting localized cases – chair Bilbil Nurçe • Technical University of Moldova • University of Pristina • University of Tirana • University for Business and Technology Pristina • University of Banja Luka		
Lunch break 13:00-14:00			
14:00 - 15:30 S11	WP6 – Sustainability - Future of geodesy and geoinformatics – the government view – chair Vesna Poslončec-Petrić - Željko Obradović, Director of Federal Geodetic Administration of Federation of Bosnia and Herzegovina - Dr. sc. Damir Šantek, Director general of State Geodetic Administration of Republic of Croatia - Discussion		
16:00 - 17:00 S12	WP6 – Sustainability - How innovative your university is? – chair Medžida Mulić • How innovative your university is? – Danny Vandenbroucke, KU Leuven		
20:00 Joint dinner – restaurant Orhan			

Thursday, Sept. 16 th		Session / content
09:00-18:00		Networking and individual engagement – sightseeing Pelješac peninsula



Friday, Sept. 17 th		Session / content	
		Big hall	Small hall
09:00 - 10:30 S13	WP6 – Sustainability – post project joint activities – chair Miro Govedarica <ul style="list-style-type: none"> • On EACEA view on the priorities of new projects – Anders Östman, NOVOGIT • Discussion 		
Coffee break 10:30-11:00			
11:00 - 12:00 S14	WP6 – Sustainability – post project joint activities – chair Mladen Amović <ul style="list-style-type: none"> • Discussion (joint or individual) 		
11:00 - 13:00 S14	7th Project Progress meeting (Separate agenda) <i>Chair Željko Bačić</i>		
Lunch break 13:00-14:00			
14:00 - 15:00 S15	7th Project Progress meeting Event closing <i>Chair Željko Bačić</i>		

Training groups in accordance to partner selected cases for implementation and prepared cases for localization

Case	Title	Implementing partner	Mentor
CD01	Soil moisture for micro-locations		
CD02	Statistical Surveys I	UPT, TUM, UST	J.Kovačević, N.Brodić (UB)
CD03	Utility and Government Services	TUM, UST	M.Ponjavić, A.Ćosić (GAUSS)
CD04	Register of Spatial Units and Addresses	UPT, UT, UP, UST	A.Karabegović, E.Ferhatbegović (GAUSS)
CD05	Geovizualization in Spatial Epidemiology	UST	A.Karabegović, E.Ferhatbegović (GAUSS)
CD06	Modelling of house prices using machine learning		
CD07	GPS for Topographic maps	UPT, UNSA	Zvonimir Nevistić (UNIZG)
CD08	Development of an application for applying GNSS in agriculture	UPT, UNSA	UNIZG
CD09	Noise mapping using mobile devices	UT, UNSA	V.Poslončec-Petrić, I.Cibilić (UNIZG)
CD10	Mapping air quality		
CD11	Digitization of paper urban planning maps	UPT, UT, UNSA	(UNS)
CD12	Geological Assessment of Soil Stability	UST	GAUSS
CD13	Geodata for Urbanism and Spatial Planning	UP, TUM, UST	GAUSS
CD14	Geomarketing Analysis for Banking Services		GAUSS
CD15	Mapping and monitoring of aquatic environments using geospatial intelligence	UNSA, TUM	GAUSS
CD16	Land cover and land use mapping		UNBL
CD17	Crop monitoring with Remote Sensing	UNBL	UNBL
CD18	Application of remote sensing data in mapping and monitoring forest	UP	UNS
CD19	3D measurement with a terrestrial laser scanner and object visualization	UPT, UNBL, TUM	UNBL
CD20	Geodata for Civil Engineering and Architecture Designing	UPT, UST	A.Karabegović, M.Ponjavić (GAUSS)

**Business driven problem-based learning for
academic excellence in geoinformatics / GEOBIZ**

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CD21	UAV in urban planning and management	UPT, TUM	N.Brodić (UB)
CD22	Vectorization of 3D models of objects based on point clouds	UPT, UNBL	Mladen Amović (UNBL)
CD23	3D Urban information models for assessment of the solar potential of buildings		UNIZG
CD24	Statistical Surveys II	UPT, UST	N.Stančić, J.Kovačević (UB)
CD25	Indoor Navigation using Earth Magnetic Field		Z.Nevistić (UNIZG)