



**Erasmus+ Ka2 Capacity Building in the field of Higher Education
SEED4NA project**

National training Algiers, October 23rd – 26th, 2022

Conference Room "Ababou Nouredine" (Salle 81), FGE

PROGRAM		
Day	Session / Content	
Day 1: 23.10.2022		
08:30 – 09:00	OPENING	
09:00 – 10:30	S1	Course: Space Geodesy & Cartographic Synthesis Presenter: Željko Bačić, UNIZG, Croatia <ul style="list-style-type: none">• Classification of satellites, orbits• GNSS Principles and Basics
10:30 – 11:00	Coffee Break	
11:00 – 12:30	S2	Course: GIS & data analysis Presenter: Vesna Poslončec-Petrić, UNIZG, Croatia <ul style="list-style-type: none">• Augmented reality – theory & application
12:30 – 13:30	Lunch Break	
13:30 – 15:00 Online mode	S3	Course: Space Geodesy & Cartographic Synthesis Presenter: Marijan Grgić, UNIZG, Croatia <ul style="list-style-type: none">• Satellite Gravimetry: Principles and Basics• Space gravity missions (CHAMP, GRACE and GOCE)• Gravity field recovery approaches
15:00 – 15:30	Coffee Break	
15:30 – 17:00 Online mode	S4	Course: Space Geodesy & Cartographic Synthesis Presenter: Marijan Grgić, UNIZG, Croatia <ul style="list-style-type: none">• Satellite Gravimetry: Principles and Basics• Space gravity missions (CHAMP, GRACE and GOCE)• Gravity field recovery approaches



Day 2: 24.10.2022		
09:00 – 10:30	S5	Course: Space Geodesy & Cartographic Synthesis Presenter: Željko Bačić, UNIZG, Croatia <ul style="list-style-type: none">Positioning modes (absolute, relative, static and kinematic)GNSS error sourcesPost processing
10:30 – 11:00	Coffee Break	
11:00 – 12:30	S6	Course: GIS & data analysis Presenter: Vesna Poslončec-Petrić, UNIZG, Croatia <ul style="list-style-type: none">Noise mapping & visualization – theory & exercise
12:30 – 13:30	Lunch Break	
13:30 – 15:00	S7	Course: GIS & data analysis Presenter: Vesna Poslončec-Petrić, UNIZG, Croatia <ul style="list-style-type: none">Noise mapping & visualization – exercise & processing
15:00 – 15:30	Coffee Break	
15:30 – 17:00	S8	Course: GIS & data analysis Presenter: Željko Bačić, UNIZG, Croatia <ul style="list-style-type: none">Sensor integration in geoinformatics for GIS modelling & analysis
Day 3 : 25.10.2022		
09:00 – 10:30	S9	Course: Remote Sensing, Remote Sensing & GIS Presenter: Andrija Krtalić, UNIZG, Croatia <ul style="list-style-type: none">Spectroscopy
10:30 – 11:00	Coffee Break	
11:00 – 12:30	S10	Course: Remote Sensing, Remote Sensing & GIS Presenter: Andrija Krtalić, UNIZG, Croatia <ul style="list-style-type: none">Spectroscopy - Exercises
12:30 – 13:30	Lunch Break	
13:30 – 15:00	S11	Course: Remote Sensing, Remote Sensing & GIS Presenter: Andrija Krtalić, UNIZG, Croatia <ul style="list-style-type: none">Digital Images
15:00 – 15:30	Coffee Break	



15:30 – 17:00	S12	Course: Remote Sensing, Remote Sensing & GIS Presenter: Andrija Krtalić, UNIZG, Croatia <ul style="list-style-type: none">Digital Images - Exercises
Day 4: 26.10.2022		
09:00 – 10:30	S13	Course: Remote Sensing, Remote Sensing & GIS Presenter: Andrija Krtalić, UNIZG, Croatia <ul style="list-style-type: none">Spectral Indices
10:30 – 11:00	Coffee Break	
11:00 – 12:30	S14	Course: Remote Sensing, Remote Sensing & GIS Presenter: Andrija Krtalić, UNIZG, Croatia <ul style="list-style-type: none">Spectral Indices - Exercises
12:30 – 13:30	Lunch Break	
13:30 – 15:00	S15	Course: Remote Sensing, Remote Sensing & GIS Presenter: Andrija Krtalić, UNIZG, Croatia <ul style="list-style-type: none">Spatial Interpretation
15:00 – 15:30	Coffee Break	
15:30 – 17:00	S16	Course: Remote Sensing, Remote Sensing & GIS Presenter: Andrija Krtalić, UNIZG, Croatia <ul style="list-style-type: none">Spatial Interpretation - Exercises



Prof. Željko Bačić, born in Zagreb, Croatia, graduated at the Faculty of Geodesy, University of Zagreb in 1986, and took his PhD at the Technical University of Graz, Austria in 1997. Since then, he is teaching Satellite Positioning and related topics at the Faculty of Geodesy in Zagreb and Faculty of Civil Engineering, Architecture and Geodesy in Split.



Vesna Posloncec-Petric is Associate Professor in the field of cartography and geoinformation systems. Graduated in 1993 at the Faculty of Geodesy, University of Zagreb (in the field of Cartography) and took her PhD (in the field of Cartography and NSDI) at the same Faculty in Zagreb in 2010.



Marijan Grgic is Research Associate and Lecturer at the Faculty of Geodesy, University of Zagreb. Since 2017, he is Doctor of Philosophy - PhD, Geodesy, Earth Sciences, Oceanography, Satellite, Physical and Marine Geodesy.



Andrija Krtalić obtained in 2011 the title of Doctor of Science at the Faculty of Geodesy, University of Zagreb, with topics in the field of remote sensing. In 2015 he was appointed assistant Professor at the same institution. His field of activity and expertise are remote sensing (in particular, data fusion and implementation of multicriteria analysis in remote sensing methods) and photogrammetry.